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HISTORIC JAIL RENOVATIONS

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Jul 8, 2026



NEWTON COUNTY HISTORIC JAIL

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Table of Contents

VENDOR	DESCRIPTION	PAGE
WC1 WATER CLOSET		
Kohler	Highline Two Piece Elongated Toilet, 1.28 Gpf - White	5
Centoco	Centoco 500stscss-001 Elongated Plastic Toilet Seat, Open Front No Cover, Self Sustaining, Stainles...	N/A
WC2 WATER CLOSET W/ RIGHT HAND TRIP LEVER		
Kohler	Highline Two Piece Elongated Toilet, 1.28 Gpf - White	9
Centoco	Centoco 500stscss-001 Elongated Plastic Toilet Seat, Open Front No Cover, Self Sustaining, Stainles...	N/A
LAVATORY		
Kohler	Kingston 21-1/4" X 18-1/8" Wall-mount/concealed Arm Carrier Bathroom Sink With 4" Centerset Faucet H...	13
Delta	Commercial Classic Single Handle Centerset Lavatory Faucet	16
MOP MOP SINK		
Fiat	24x24x10 Molded Stone Mop Sink	25
Fiat	Service Sink Faucet, Brass, 1/2" IPS Inlet With Vacuum Breaker - Chrome	28
Fiat	Utility Hose 30" And Hose Bracket	33
Fiat	Mop Hanger, Wall Mount, 3 Station	34
Fiat	Wall Panel Corner 12" Tall X 24"x24" - Stainless Steel	N/A
Fiat	Bumper Guards, 2, Vinyl, 24"	35
Fiat	SILICONE SEALANT	N/A
NFWH NON-FREEZE WALL HYDRANT		

Woodford	Freezeless Wall Hydrant	38
EWC WATER COOLER		
Elkay	Elkay Ezh2o Bottle Filling Station With Versatile Bi-level Ada Cooler, Filtered 8 Gph Light Gray	46
SWVT SIDE WALL VENT TERMINAL		
Watts	FRESH AIR INLET	N/A
GCO GRADE CLEANOUT		
Watts	Co-203-Rx-4 Adjustable Floor Cleanout, 5 In Round Ductile Iron Top, 3 In Pipe, PVC Body W/ Poly Plug...	N/A
WH WATER HEATER		
Rheem	38gal Professional Classic Residential Electric	71
ET EXPANSION TANK		
Karlson	Karlson 2.1 Gallon Expansion Tank	94
TRAPS & SUPPLIES		
Charlotte Pipe	1-1/2" PVC UNION PTRAP	N/A
Easy Flex	Stainless Steel Braided Water Connectors	N/A
Karlson	Karlson 3/8" X 1/2" X 20" Comp X Female Braided Stainless Faucet Flex Supply Line	N/A
HydraPro	Hydrapro 5/8"odx3/8"od Compression Angle Stop Chrome Plated	96
Gemline	Gemline GL2052PC Escutcheon	N/A
IPS Corporation	Softguard Plus White P-trap	98

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Centoco	Centoco 500stscss-001 Elongated Plastic Toilet Seat, Open Front No Cover, Self Sustaining, Stainless Steel Hinges, Heavy Duty Commercial Us...	

KOHLER®



1638026-2

Record your model number:
Noter le numéro de modèle :
A note su número de modelo:

WARNING: Risk of product damage. Do not use in-tank cleaners in your toilet. Products containing chlorine (calcium hypochlorite) can seriously damage fittings in the tank. This damage can cause leakage and property damage.

The product shown may differ from your actual product. The installation steps still apply.

Turn OFF the water supply.

Follow all local plumbing and building codes.

READ AND FOLLOW ALL INSTRUCTIONS

SAVE THESE INSTRUCTIONS

Additional Required Tools and Materials

1A. 5/16" T-bolts, Washers, and Nuts

1B. Wax Ring

1C. Supply Hose

Installation Steps

3A. Apply weight evenly. **Do not move after placement! Watertight seal may be broken!**

4A. Do not overtighten the nuts.

5A. Cut the T-bolts, if necessary.

6A. Alternately tighten the nuts to evenly draw the tank to the bowl. **Do not overtighten!**

7A. Verify that the tank is level. Adjust as needed.

8A. Handtighten the supply hose to the tank. **Do not overtighten!** Wrench-tighten to the supply stop.

9A. Turn ON the water supply and check for leaks.

10A. Adjust the water level to the waterline mark.

12A. Install the seat following the seat instructions.

Need help? Contact our Customer Care Center.

• USA/Canada: 1-800-4KOHLER (1-800-456-4537) Mexico: 001-800-456-4537
Hours of Operation: Monday-Friday 8:00 AM - 5:00 PM (CT)
Languages Spoken: English, Spanish, and translation services are available.

• Service parts: kohler.com/serviceparts

• Care and cleaning: kohler.com/clean

• Patents: kohlercompany.com/patents

This product is covered under the KOHLER® Toilets and Seats Limited Warranty, found at kohler.com/warranty. For a hardcopy of warranty terms, contact the Customer Care Center.

AVERTISSEMENT : Risque d'endommagement du produit. Ne pas utiliser de détergents faits pour le réservoir dans la toilette. Les produits contenant du chlore (hypochlorite de calcium) peuvent gravement endommager les raccords dans le réservoir. Cela peut créer des fuites et des dommages matériels.

Le produit illustré peut différer du produit actuel. Les étapes d'installation s'appliquent tout de même.

Couper l'alimentation en eau.

Respecter tous les codes de plomberie et du bâtiment locaux.

LIRE ET SUIVRE TOUTES LES INSTRUCTIONS

CONSERVER CES INSTRUCTIONS

Outils et matériel supplémentaires requis

1A. Boulons à T de 5/16 po, rondelles et écrous

1B. Anneau de cire

1C. Tuyau d'alimentation

Étapes d'installation

3A. Appliquer du poids de manière égale. **Ne pas déplacer après la mise en place! Le joint étanche pourrait être brisé!**

4A. Ne pas serrer les écrous excessivement.

5A. Couper les boulons à T si nécessaire.

6A. Serrer les écrous en alternance pour tirer le réservoir de manière égale vers la cuvette. **Ne pas serrer excessivement!**

7A. Vérifier que le réservoir est de niveau. Ajuster au besoin.

8A. Serrer le tuyau d'alimentation à la main sur le réservoir. **Ne pas serrer excessivement!** Serrer à la clé sur le robinet d'arrêt d'alimentation.

9A. Ouvrir l'alimentation en eau et rechercher des fuites éventuelles.

10A. Ajuster le niveau d'eau au niveau du repère de la ligne d'eau.

12A. Installer le siège conformément aux instructions accompagnant celui-ci.

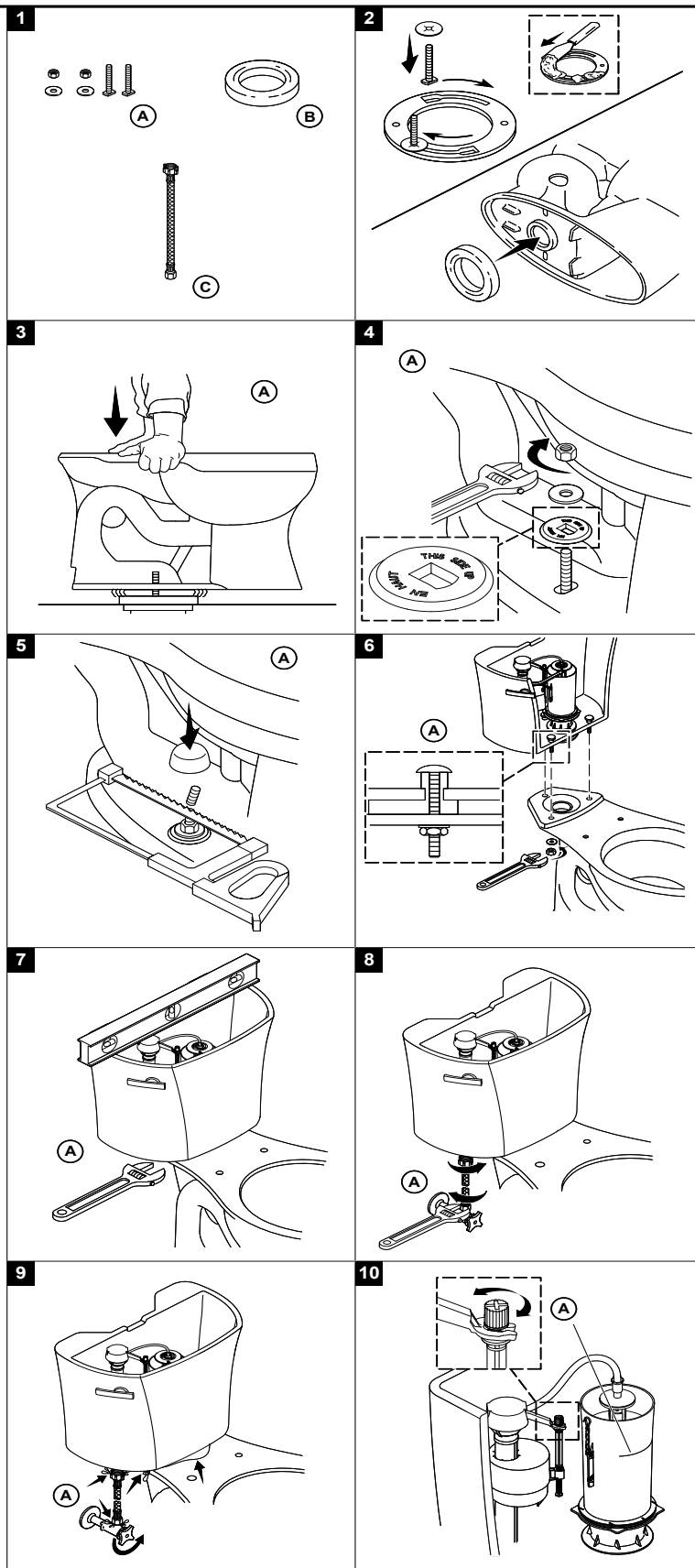
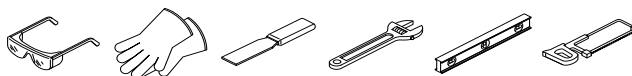
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Cierre el suministro de agua.

Cumpla todos los códigos locales de plomería y construcción.

LEA Y SIGA TODAS LAS INSTRUCCIONES

GUARDE ESTAS INSTRUCCIONES

Herramientas y materiales adicionales requeridos

1A. Pernos en T de 5/16 pulg, arandelas y tuercas

1B. Anillo de cera

1C. Manguera de suministro

Pasos de instalación

3A. Aplique peso de manera uniforme. ¡No mueva después de colocar! ¡Se podría romper el sello hermético!

4A. No apriete demasiado las tuercas.

5A. Recorte los pernos en T, de ser necesario.

6A. Apriete las tuercas alternando de una a la otra para bajar el tanque a la taza. ¡No apriete demasiado!

7A. Verifique que el tanque quede nivelado. Haga los ajustes necesarios.

8A. Apriete a mano la manguera de suministro al tanque. ¡No apriete demasiado! Apriétela con una llave a la llave de paso de suministro.

9A. Abra el suministro de agua, y verifique que no haya fugas.

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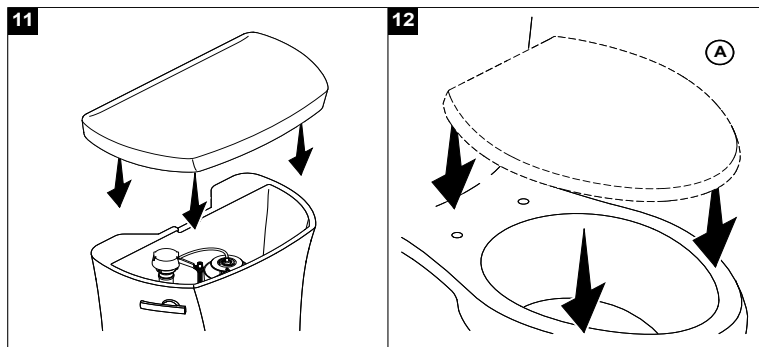
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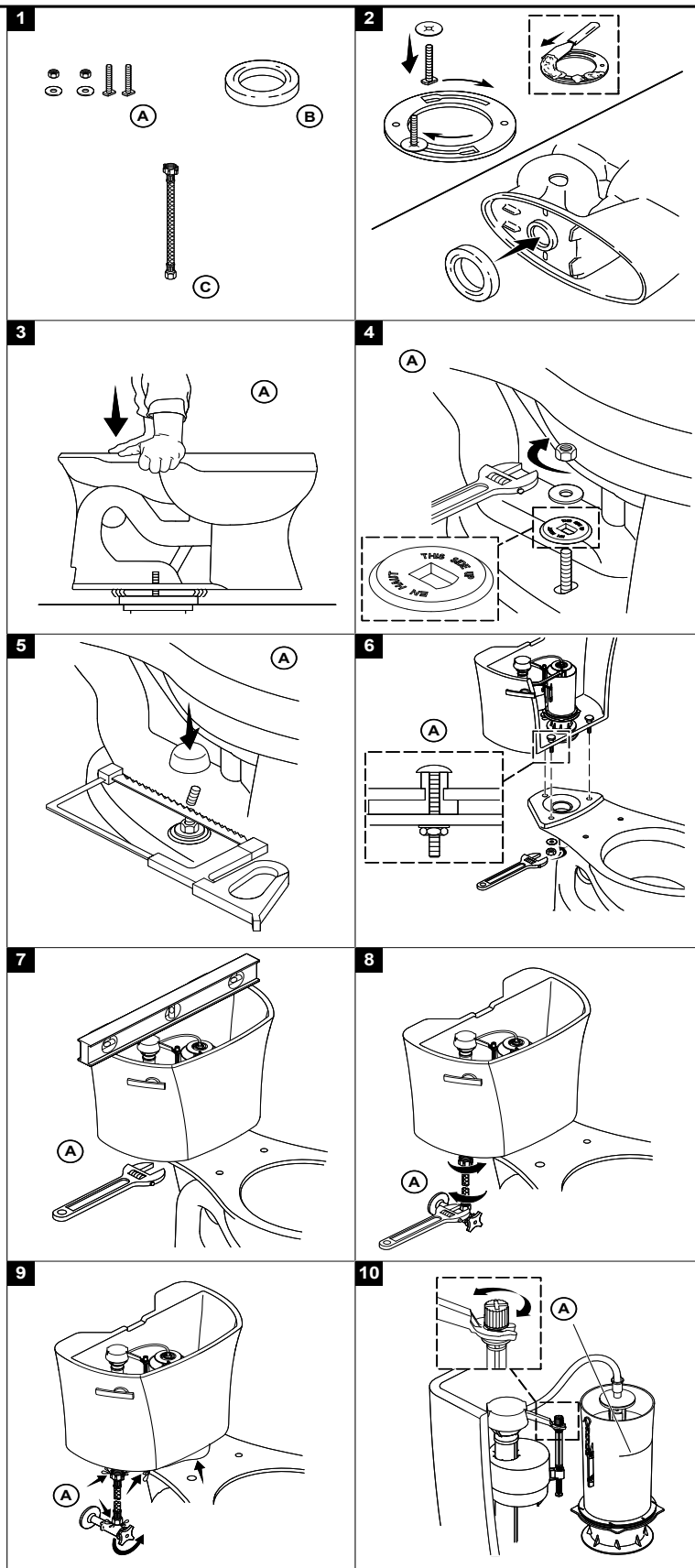
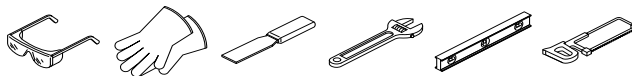
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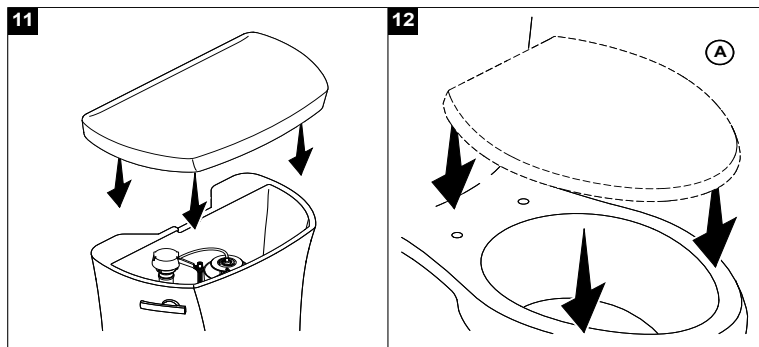
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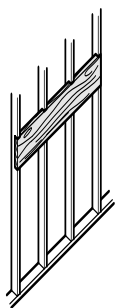
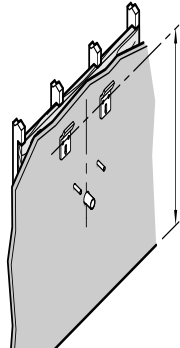
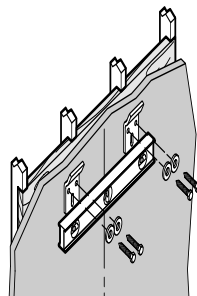
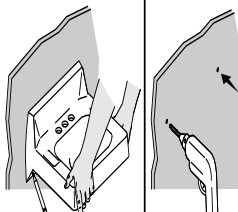
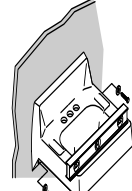
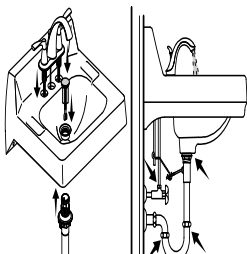
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Kohler	Kingston 21-1/4" X 18-1/8" Wall-mount/concealed Arm Carrier Bathroom Sink With 4" Centerset Faucet Holes White	13
Delta	Commercial Classic Single Handle Centerset Lavatory Faucet	16

KOHLER

Installation Guide
Guide d'installation
Guía de instalación



Record your model number below for future reference: To obtain the roughing-in, visit the product page at www.kohler.com Consigner le numéro de modèle ci-dessous pour toute référence ultérieure: Pour obtenir le plan de raccordement, consulter la page du produit à www.kohler.com Anote abajo su número de modelo para referencia futura: Para obtener el diagrama de instalación, visite la página del producto en www.kohler.com	CAUTION: Risk of personal injury. Product can break, chip, and cause injury if handled carelessly. Get help lifting the sink. Do not overtighten the lag bolts. ATTENTION: Risque de blessures. Le produit peut se casser, se fendre et causer des blessures s'il est manipulé sans précaution. Demander de l'aide pour soulever le lavabo. Ne pas trop serrer les tire-fonds. PRECAUCIÓN: Riesgo de lesiones personales. El producto puede romperse, desportillarse o causar lesiones si no se maneja con cuidado. Pida ayuda para levantar el lavabo. No apriete demasiado los tornillos de rosca para madera.	Important Information Inspect the water supplies, drain pipes, and trap. Install this sink with the provided hangers or with a concealed arm carrier. Informations importantes Inspecter les alimentations en eau, la tuyauterie d'évacuation et le siphon. Installer le lavabo avec les étriers de fixation fournis ou avec un bras-support caché. Información importante Inspeccione los suministros de agua, los tubos del desagüe y la trampa. Instale este lavabo con los soportes de suspensión provistos o con un brazo de soporte oculto.	For ADA Compliance: Product is ADA compliant when installed according to the ADA requirements in the roughing-in/specification sheet. Pour conformité ADA: Le produit est conforme aux normes ADA s'il est installé conformément aux exigences ADA dans la fiche de raccordement/des spécifications. Para cumplimiento de la ADA: El producto cumple con la ADA cuando se instala según los requisitos de la ADA de la hoja de especificación/diagrama de instalación del producto.	1 Provide adequate support backing behind the finished wall. Fournir un renfort adéquat derrière la finition murale. Provea el refuerzo de soporte adecuado detrás de la pared acabada. 
2 For hanger placement and plumbing locations, refer to the roughing-in. Pour les emplacements de mise en place des étriers de fixation et de la plomberie, se reporter au plan de raccordement. Consulte el lugar para el soporte de suspensión y para la plomería en el diagrama de instalación. 	3 Level and secure the hangers with 1/4" lag bolts and washers. Mettre les étriers de fixation de niveau et les fixer en place avec des tire-fonds de 1/4" et des rondelles. Nivele y fije los soportes de suspensión con tornillos de rosca para madera de 1/4" y arandelas. 	4 Position the sink and mark the mounting holes. Remove the sink and drill 1/4" holes at the marks. Positionner le lavabo et marquer les trous de fixation. Retirer le lavabo et percer des trous de 1/4" au niveau des repères. Coloque el lavabo y marque los orificios de montaje. Retire el lavabo y taladre orificios de 1/4" en las marcas. 	5 Position and level the sink. Secure the sink with 3/8" lag bolts and washers. Positionner le lavabo et le mettre de niveau. Fixer le lavabo en place avec des tire-fonds de 3/8" et des rondelles. Coloque y nivele el lavabo. Fije el lavabo con tornillos de rosca para madera de 3/8" y arandelas. 	6 Install a faucet and a drain. Complete the connections, run water and check for leaks. Installer un robinet et un drain. Effectuer les raccordements, faire couler l'eau et rechercher la présence de fuites. Instale la grifería y el desagüe. Termine de hacer las conexiones, abra el agua y verifique que no haya fugas. 

For service parts information, visit www.kohler.com/serviceparts. For care and cleaning and other information, visit www.us.kohler.com.	Pour tout renseignement sur les pièces de rechange, visiter www.kohler.com/serviceparts. Pour tout renseignement sur l'entretien, le nettoyage et autre, visiter www.us.kohler.com.	Para consultar información sobre piezas de repuesto, visite www.kohler.com/serviceparts. Para el cuidado, la limpieza y otra información, visite www.us.kohler.com.
ONE-YEAR LIMITED WARRANTY KOHLER plumbing products are warranted to be free of defects in material and workmanship for one year from date of installation. Kohler Co. will, at its election, repair, replace or make appropriate adjustment where Kohler Co. inspection discloses any such defects occurring in normal usage within one (1) year after installation. Kohler Co. is not responsible for removal or installation costs. Use of in-tank toilet cleaners will void the warranty. To obtain warranty service contact Kohler Co. either through your Dealer, Plumbing Contractor, Home Center or E-tailer, or by writing Kohler Co., Attn.: Customer Care Center, 444 Highland Drive, Kohler, WI 53044, USA, or by calling 1-800-4-KOHLER (1-800-456-4537) from within the USA and Canada, and 001-800-456-4537 from within Mexico, or visit www.kohler.com within the USA, www.ca.kohler.com from within Canada, or www.mx.kohler.com in Mexico. IMPLIED WARRANTIES INCLUDING THAT OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. KOHLER CO. AND/OR SELLER DISCLAIM ANY LIABILITY FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states/provinces do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of special, incidental or consequential damages, so these limitations and exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state/province to state/province. This is Kohler Co.'s exclusive written warranty.	GARANTIE LIMITÉE D'UN AN Les produits de plomberie KOHLER sont garantis contre tout vice de matériau et de fabrication pendant un an à partir de la date de l'installation. Si un vice est découvert au cours d'une utilisation normale, Kohler Co. choisira, à sa discrétion, la réparation, le remplacement ou la rectification appropriée après inspection desdits vices par Kohler Co. pendant un (1) an à partir de la date d'installation. Kohler Co. n'est pas responsable des frais d'enlèvement ou d'installation. L'utilisation de nettoyeurs à l'intérieur du réservoir annule la garantie. Pour obtenir le service de garantie, contacter Kohler Co., par l'intermédiaire du vendeur, plombier, centre de rénovation ou revendeur par internet, ou bien par écrit à l'adresse suivante Kohler Co., Attn.: Customer Care Center, 444 Highland Drive, Kohler, WI 53044, USA, ou appeler le 1-800-4-KOHLER (1-800-456-4537) à partir des É.-U. et du Canada, et le 001-800-456-4537 à partir du Mexique, ou consulter le site www.kohler.com aux É.-U., www.ca.kohler.com à partir du Canada, ou www.mx.kohler.com au Mexique. LES GARANTIES TACITES, Y COMPRIS CELLES DE COMMERCIALITÉ ET D'ADAPTATION À UN USAGE PARTICULIER, SONT EXPRESSÉMENT LIMITÉE À LA DURÉE DE LA PRÉSENTE GARANTIE. KOHLER CO. ET/OU LE REVENDEUR DÉCLINENT TOUTE RESPONSABILITÉ CONTRE LES DOMMAGES PARTICULIERS, ACCESSOIRES OU INDIRECTS. Certains états et provinces ne permettent pas de limite sur la durée de la garantie tacite, ni l'exclusion ou la limite des dommages particuliers, accessoires ou indirects, et, par conséquent, lesdites limites et exclusions peuvent ne pas s'appliquer à votre cas. Cette garantie vous donne des droits juridiques particuliers. Vous pouvez également avoir d'autres droits qui varient d'un état ou d'une province à l'autre. Ceci constitue la garantie écrite exclusive de Kohler Co.	GARANTÍA LIMITADA DE UN AÑO Se garantiza que los productos de plomería KOHLER están libres de defectos de material y mano de obra por un año a partir de la fecha de instalación. Kohler Co., a su criterio, reparará, reemplazará o realizará los ajustes pertinentes en los casos en que la inspección realizada por Kohler Co. determine que dichos defectos ocurrieron durante el uso normal en el transcurso de un (1) año a partir de la fecha de la instalación. Kohler Co. no se hace responsable de costos de desinstalación o instalación. El uso de limpiadores de inodoro que se colocan dentro del tanque anula la garantía. Para obtener el servicio de garantía, comuníquese con Kohler Co. a través de su distribuidor, contratista de plomería, centro de remodelación o distribuidor por Internet, o escriba a Kohler Co., Attn.: Customer Care Center, 444 Highland Drive, Kohler, WI 53044, USA, o llame al 1-800-4-KOHLER (1-800-456-4537) desde los EE.UU. y Canadá, y al 001-800-456-4537 desde México, o visite www.kohler.com desde los EE.UU., www.ca.kohler.com desde Canadá, o www.mx.kohler.com en México. TODA GARANTÍA IMPLÍCITA, INCLUIDA LA DE COMERCIALIZACIÓN E IDONEIDAD DEL PRODUCTO PARA UN USO DETERMINADO, SE LIMITA EXPRESAMENTE A LA DURACIÓN DE ESTA GARANTÍA. KOHLER CO. Y/O EL VENDEDOR DESCARGAN TODA RESPONSABILIDAD POR CONCEPTO DE DAÑOS PARTICULARES, INCIDENTALES O INDIRECTOS. Algunos estados/provincias no permiten limitaciones en cuanto a la duración de una garantía implícita o a la exclusión o limitación de daños particulares, incidentales o indirectos, por lo que estas limitaciones y exclusiones pueden no aplicar a su caso. Esta garantía le otorga ciertos derechos legales específicos. Además, usted puede tener otros derechos que varían de estado a estado y provincia a provincia. Esta es la garantía exclusiva por escrito de Kohler Co.
USA/Canada: 1-800-4KOHLER Mexico: 001-800-456-4537 www.kohler.com		

ONE-YEAR LIMITED WARRANTY	GARANTIE LIMITÉE D'UN AN	GARANTÍA LIMITADA DE UN AÑO
KOHLER plumbing products are warranted to be free of defects in material and workmanship for one year from date of installation. Kohler Co. will, at its election, repair, replace or make appropriate adjustment where Kohler Co. inspection discloses any such defects occurring in normal usage within one (1) year after installation. Kohler Co. is not responsible for removal or installation costs. Use of in-tank toilet cleaners will void the warranty. To obtain warranty service contact Kohler Co. either through your Dealer, Plumbing Contractor, Home Center or E-tailer, or by writing Kohler Co., Attn.: Customer Care Center, 444 Highland Drive, Kohler, WI 53044, USA, or by calling 1-800-4-KOHLER (1-800-456-4537) from within the USA and Canada, and 001-800-456-4537 from within Mexico, or visit www.kohler.com within the USA, www.ca.kohler.com from within Canada, or www.mx.kohler.com in Mexico. IMPLIED WARRANTIES INCLUDING THAT OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. KOHLER CO. AND/OR SELLER DISCLAIM ANY LIABILITY FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states/provinces do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of special, incidental or consequential damages, so these limitations and exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state/province to state/province. This is Kohler Co.'s exclusive written warranty.	Les produits de plomberie KOHLER sont garantis contre tout vice de matériau et de fabrication pendant un an à partir de la date de l'installation. 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SERVICE PARTS For service parts information, visit your product page at www.kohler.com/serviceparts.	PIÈCES DE RECHANGE Pour obtenir de l'information sur les pièces de rechange, visitez votre page de produits sur le site www.kohler.com/serviceparts.	PIEZAS DE REPUESTO Para información sobre piezas de repuesto, visite la página de su producto en www.kohler.com/serviceparts.
For copies of our literature, call our Customer Care Center: 1-800-4KOHLER (1-800-456-4537).	Pour obtenir des copies de notre documentation, appeler notre service à la clientèle: 1-800-4KOHLER (1-800-456-4537).	Para obtener copias de nuestra información escrita, llame a nuestro Centro de Atención al Cliente: 1-800-4KOHLER (1-800-456-4537).
For care and cleaning and other information go to: www.us.kohler.com.	Pour obtenir de l'information sur l'entretien et le nettoyage et de l'information supplémentaire, visiter le site: www.us.kohler.com.	Para el cuidado y la limpieza y otra información visite: www.us.kohler.com.

USA/Canada: 1-800-4KOHLER
Mexico: 001-800-456-4537
www.kohler.com

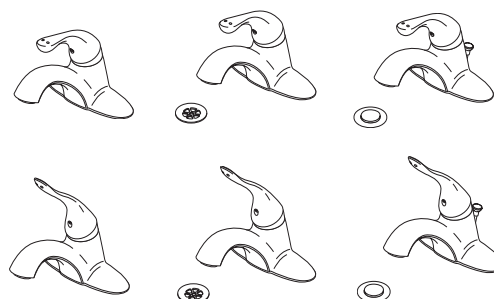
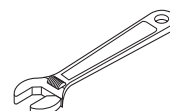
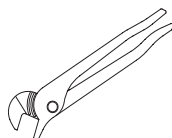
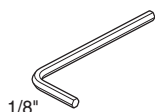

73420
**SINGLE HANDLE LAVATORY
CENTERSET FAUCETS**
**LLAVES MONOCONTROL DE MONTURA
DE CENTRO PARA LAVAMANOS**
**ROBINETS À ENTRAXE COURT À
UNE POIGNÉE**

Models/Modelos/Modèles

501LF-HDF, 511LF-HDF, 515LF-HDF,
516LF-HDF, 520LF-HDF & 523LF-HDF

Series/Series/Seria

Write purchased model number here.
Escriba aquí el número del modelo comprado.
Inscrivez le numéro de modèle ici.


**You may need/Usted puede necesitar/
Articles dont vous pouvez avoir besoin:**

**For easy installation of your Delta
faucet you will need:**

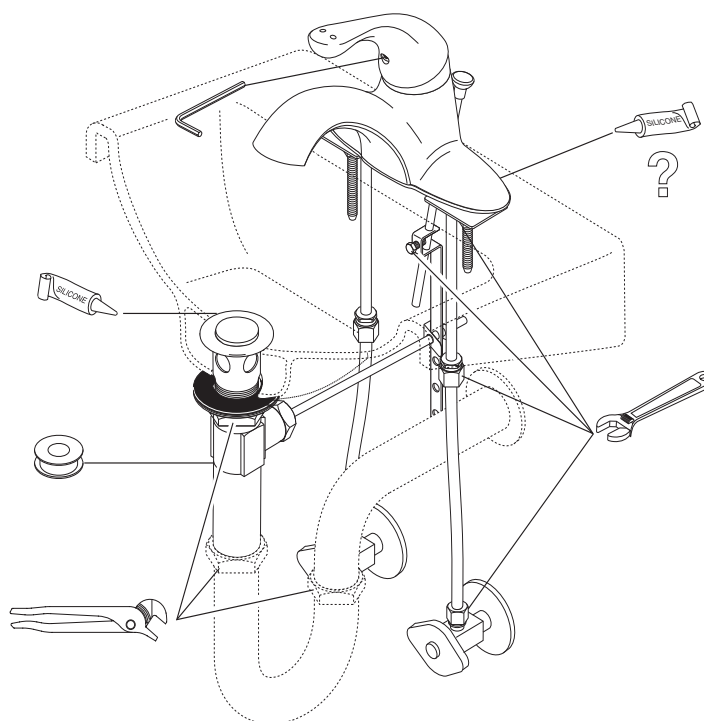
- To **READ ALL** the instructions completely before beginning.
- To **READ ALL** warnings, care, and maintenance information.
- To purchase the correct **water supply hook-up**.

**Para instalación fácil de su llave Delta
usted necesitará:**

- **LEER TODAS** las instrucciones completamente antes de empezar.
- **LEER TODOS** los avisos, cuidados, e información de mantenimiento.
- Comprar las conexiones correctas para el **suministro de agua**.

**Pour installer votre robinet Delta
facilement, vous devez:**

- **LIRE TOUTES** les instructions avant de débiter;
- **LIRE TOUS** les avertissements ainsi que toutes
- Acheter le bon nécessaire de raccordement.



Delta Commercial Faucet Limited Warranty

All parts of the Delta® HDF® and TECK® faucets are warranted to the original consumer purchaser to be free from defects in material, finish and workmanship for a period of five (5) years unless otherwise specifically stated in the catalogue and price book. This warranty is made to the original consumer purchaser and shall be effective from date of purchase as shown on purchaser's receipt.

Delta will, at its option, repair or replace, FREE OF CHARGE, during the warranty period, any part which proves defective in material or workmanship under normal installation, use and water and service conditions. If Delta Faucet concludes that the returned part was manufactured by Delta Faucet and is, in fact, defective, then Delta Faucet will honour the warranty stated herein. Replacement parts can be obtained from your local dealer or distributor listed in the telephone directory or by returning the part along with the purchaser's receipt to our factory, TRANSPORTATION CHARGES PREPAID, at the address listed. THIS WARRANTY IS THE ONLY EXPRESS WARRANTY MADE BY DELTA. ANY CLAIMS MADE UNDER THIS WARRANTY MUST BE MADE DURING THE FIVE YEAR PERIOD REFERRED TO ABOVE. ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED

WARRANTY OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. LABOUR CHARGES AND/OR DAMAGE INCURRED IN INSTALLATION, REPAIR OR REPLACEMENT AS WELL AS INCIDENTAL AND CONSEQUENTIAL, SPECIAL, INDIRECT OR PUNITIVE DAMAGES CONNECTED THEREWITH ARE EXCLUDED AND WILL NOT BE PAID BY DELTA FAUCET.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

This warranty is for commercial products only from Delta Faucet Company and Delta Faucet Canada and is void for any damage to this faucet due to misuse, abuse, neglect, accident, improper installation, any use in violation of instructions furnished by Delta Faucet or any use of replacement parts other than genuine Delta parts.

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Garantía Limitada de las Llaves de Agua Comerciales Delta

Todas las piezas de las llaves de agua (grifos) Delta®, HDF®, TECK® están garantizadas al comprador consumidor original de estar libres de defectos de material, acabado y fabricación por un periodo de cinco (5) años a menos que sea establecido específicamente de otra manera en el catálogo o libro de precios. Esta garantía se le hace al comprador consumidor original y será efectiva desde la fecha de compra como mostrado en el recibo del comprador.

Delta, a su opción, reparará o reemplazará, GRATISMENTE, durante el periodo de garantía, cualquier pieza que pruebe ser defectuosa en material o fabricación bajo instalación, uso, agua y condiciones de servicio normales. Si Delta Faucet concluye que la pieza devuelta fue fabricada por Delta Faucet y es, de hecho, defectiva, entonces Delta Faucet honrará la garantía establecida en este documento.

Las piezas de repuesto se pueden obtener de su comerciante o distribuidor local listado en el librito telefónico o devolviendo la pieza junto con el recibo del comprador a nuestra fábrica. CARGOS DE TRANSPORTE PRE-PAGADOS, a la dirección incluida. ESTA GARANTÍA ES LA ÚNICA GARANTÍA EXPRESA HECHA POR DELTA. CUALQUIER RECLAMO HECHO BAJO ESTA GARANTÍA DEBE SER HECHO DURANTE EL PERIODO DE CINCO AÑOS ARRIBA

MENTIONADO. CUALQUIER GARANTÍA IMPLÍCITA, INCLUYENDO LA GARANTÍA IMPLÍCITA DE COMERCIABILIDAD DE EMPLEO PARA UN PROPOSITO PARTICULAR, TIENE UNA DURACION LIMITADA A LA DURACION DE ESTA GARANTIA. LOS CARGOS DE LABOR Y/O DAÑO INCURRIDO DURANTE LA INSTALACION, REPARACION O REPUESTO COMO TAMBIEN DAÑOS INCIDENTALES O RESULTANTES, ESPECIALES, INDIRECTOS O PUNITIVOS RELACIONADOS CON LO MENCIONADO SON EXCLUIDOS Y NO SERAN PAGADOS POR DELTA FAUCET.

Algunos estados no permiten limitaciones de la duración de una garantía implícita limitada, o la exclusión o limitación de daños incidentales o consecuentes, de manera que las limitaciones o exclusiones arriba mencionadas puedan no aplicarle a usted. Esta garantía le da derechos legales específicos, y usted también puede tener otros derechos que varían de estado a estado.

Esta garantía es solo para productos comerciales de Delta Faucet Company y Delta Faucet Canada y es nula por cualquier daño hecho a esta llave de agua resultante del mal uso, abuso, descuido, accidente, instalación incorrecta, cualquier uso en violación de las instrucciones proporcionadas por Delta Faucet o cualquier uso de piezas de repuesto que no sean de piezas genuinas de Delta.

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Garantie Limitee Delta Commercial

Toutes les pièces des robinets de marque Delta® HDF® et TECK® sont garanties contre tout défaut de matière, de finition et de main d'oeuvre pour une période de cinq (5) ans, sauf indication contraire stipulée dans le catalogue et la liste des prix. Cette garantie est offerte à l'acheteur original et entre en vigueur à compter de la date d'achat indiquée sur la preuve d'achat.

Delta procédera, à son entière discrétion, à la réparation ou au remplacement, SANS FRAIS, durant la période de garantie, de toute pièce qui présente un défaut de matière ou de main d'oeuvre dans des conditions d'installation, d'usage, d'eau et de service normales. Si Delta Faucet détermine que la pièce retournée a été fabriquée par Delta Faucet et qu'en effet, cette pièce fait défaut, Delta Faucet respectera alors la garantie stipulée aux présentes. Les pièces de rechange peuvent être obtenues chez votre marchand local ou le distributeur inscrit dans votre annuaire téléphonique ou en retournant la pièce ainsi que la preuve d'achat à notre usine, FRAIS DE TRANSPORT PRÉPAYÉS, à l'adresse indiquée. CETTE GARANTIE EST LA SEULE GARANTIE EXPRESSE FAITE PAR DELTA.

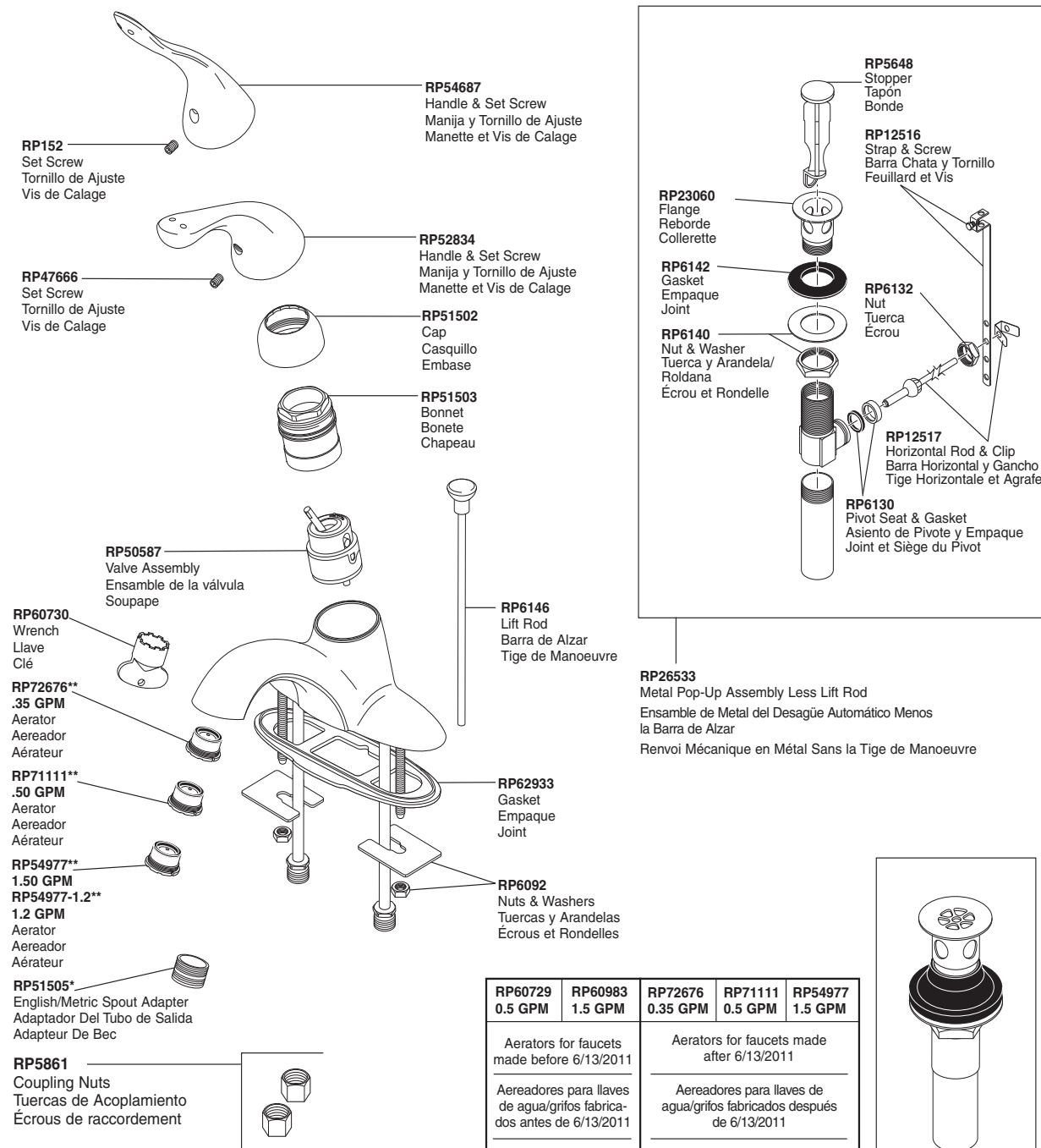
TOUTE RÉCLAMATION FAITE EN VERTU DE CETTE GARANTIE DOIT ÊTRE PRÉSENTÉE DURANT LA PÉRIODE DE CINQ ANS MENTIONNÉE CI-DESSUS. TOUTE GARANTIE IMPLICITE, Y COMPRIS LA GARANTIE IMPLICITE DE VALEUR

COMMERCIALE RELATIVEMENT À L'APTITUDE À LA FONCTION, EST LIMITÉE EN TERMES DE DURÉE POUR LA DURÉE DE CETTE GARANTIE. LES FRAIS DE MAIN D'OEUVRE ET/OU DE DOMMAGES ENCOURUS DURANT L'INSTALLATION, LA RÉPARATION OU LE REMPLACEMENT AINSI QUE LES DOMMAGES-INTÉRÊTS ACCESSOIRES OU IMMATERIELS, SPÉCIAUX, INDIRECTS OU PUNITIFS S'Y RAPPORTANT SONT EXCLUS ET NE SERONT PAS PAYÉES PAR DELTA FAUCET.

Certains états ne permettent pas la limitation de la durée de la garantie implicite, ou l'exclusion ou la limitation des dommages-intérêts accessoires ou immatériels, et par conséquent, les limitations ou les exclusions stipulées ci-dessus peuvent ne pas s'appliquer dans votre cas. Cette garantie vous accorde certains droits reconnus par la loi et vous avez peut-être aussi d'autres droits qui varient d'un état à l'autre.

Cette garantie s'applique seulement aux produits commerciaux des sociétés Delta Faucet et Delta Faucet Canada et est nulle de plein droit pour tout dommage causé à ce robinet en raison d'usage excessif, d'abus, de négligence, d'accident, de mauvaise installation, tout usage en contravention des directives fournies par Delta Faucet ou tout usage de pièces de rechange autres que des pièces originales Delta.

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*RP51505 adapter is only compatible with aerators produced before 6/13/2011.

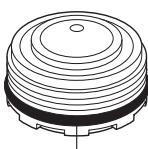
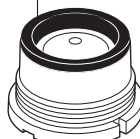
Adaptador *RP51505 solo es compatible con aireadores fabricados antes de junio 13, 2011.

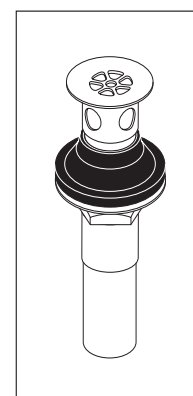
*L'adaptateur *RP51505 est compatible uniquement avec les aérateurs produits avant le 13 juin 2011.

**If you are unsure of the manufacture date, please order both aerators in the flow rate you desire.

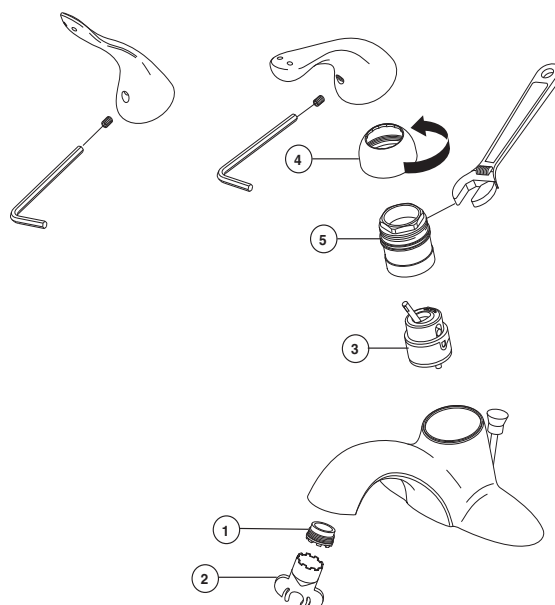
**Si no está seguro de la fecha de fabricación, por favor, ordene ambos aireadores para el flujo deseado.

**Si vous n'êtes pas certain de la date de fabrication, veuillez commander les aérateurs de chacun des modèles qui ont les caractéristiques de débit que vous désirez.

RP60729 0.5 GPM	RP60983 1.5 GPM	RP72676 0.35 GPM	RP71111 0.5 GPM	RP54977 1.5 GPM
Aerators for faucets made before 6/13/2011		Aerators for faucets made after 6/13/2011		
Aereadores para llaves de agua/grifos fabricados antes de 6/13/2011		Aereadores para llaves de agua/grifos fabricados después de 6/13/2011		
Aérateurs pour les robinets fabriqués avant le 13/06/2011		Aérateurs pour les robinets fabriqués après le 13/06/2011		
 O-ring Seal Anillos "O" Joints Torique		 Gasket Seal Empaque Joint		



RP6346
Grid Strainer
Tamiz de la rejilla
Tamis de grille



Maintenance

If faucet exhibits very low flow:

- A.** Remove and clean Aerator (1) with supplied wrench (2), or
B. SHUT OFF WATER SUPPLIES. Replace valve cartridge (3). When reinstalling parts, make sure bonnet nut (5) is tightened securely with a wrench.*

If faucet leaks from under handle:

Remove handle and unthread trim cap (4). Using a wrench, ensure bonnet nut (5) is tight.

If leak persists—SHUT OFF WATER SUPPLIES. Replace valve cartridge (3). When reinstalling parts, make sure bonnet nut (5) is tightened securely with a wrench.*

If faucet leaks from spout outlet—SHUT OFF WATER SUPPLIES. Replace valve cartridge (3). When reinstalling parts, make sure bonnet nut (5) is tightened securely with a wrench.*

*** WARNING: Failure to securely tighten bonnet nut with a wrench could result in water damage.**

Note: Do not attempt to disassemble cartridge (3). There are no repairable parts inside.

Cleaning and Care

Care should be given to the cleaning of this product. Although its finish is extremely durable, it can be damaged by harsh abrasives or polish. To clean, simply wipe gently with a damp cloth and blot dry with a soft towel.

Mantenimiento

Si la lave de agua exhibe muy poco flujo:

- A.** Quite y limpie el aereador (1) con la llave de tuerca incluida (2), o
B. CIERRE LOS SUMINISTROS DE AGUA. Cambie el cartucho de la válvula (3). Sando una llave de tuercas, asegúrese que la tuerca tapa (5) esté apretada.*

Si la llave de agua tiene una filtración por debajo de la manija:

Quite la manija y casquillo (4). Usando una llave de tuercas, asegúrese que la tuerca tapa (5) esté apretada.*

Si la filtración persiste – CIERRE LOS SUMINISTROS DE AGUA. Cambie el cartucho de la válvula (3). Usando una llave de tuercas, asegúrese que la tuerca tapa (5) esté apretada.*

Si la llave de agua tiene una filtración desde la salida del surtidor – CIERRE LOS SUMINISTROS DE AGUA. Cambie el cartucho de la válvula (3). Sando una llave de tuercas, asegúrese que la tuerca tapa (5) esté apretada.*

*** AVISO: Si no aprieta fijamente la tuerca tapa con una llave de tuercas pudiera resultar en daño por agua.**

Nota: No procure desmontar el cartucho (3). No hay piezas reparables adentro.

Limpieza y Cuidado de su Llave

Tenga cuidado al ir a limpiar este producto. Aunque su acabado es sumamente durable, puede ser afectado por agentes de limpieza o para pulir abrasivos. Para limpiar su llave, simplemente frótelas con un trapo húmedo y luego séquela con una toalla suave.

Entretien

Si le débit du robinet est très faible :

- A.** Enlevez l'aérateur (1) à l'aide de l'outil fourni (2) et nettoyez-le ou
B. FERMEZ LES ROBINETS D'ALIMENTATION. Remplacez la cartouche de la soupape (3). Usando una llave de tuercas, asegúrese que la tuerca tapa (5) esté apretada.*

Si le robinet fuit par le dessous de la manette : Enlevez la manette et embase (4). À l'aide d'une clé, assurez-vous que l'écrou-chapeau (5) est serré.*

Si la fuite persiste, COUPEZ L'ARRIVÉE D'EAU. Remplacez la cartouche de la soupape (3). Usando una llave de tuercas, asegúrese que la tuerca tapa (5) esté apretada.*

Si le robinet fuit par la sortie du bec, COUPEZ L'ARRIVÉE D'EAU. Remplacez la cartouche (3). Usando una llave de tuercas, asegúrese que la tuerca tapa (5) esté apretada.*

*** MISE EN GARDE : L'omission de bien serrer l'écrou-chapeau peut entraîner une fuite d'eau et des dommages.**

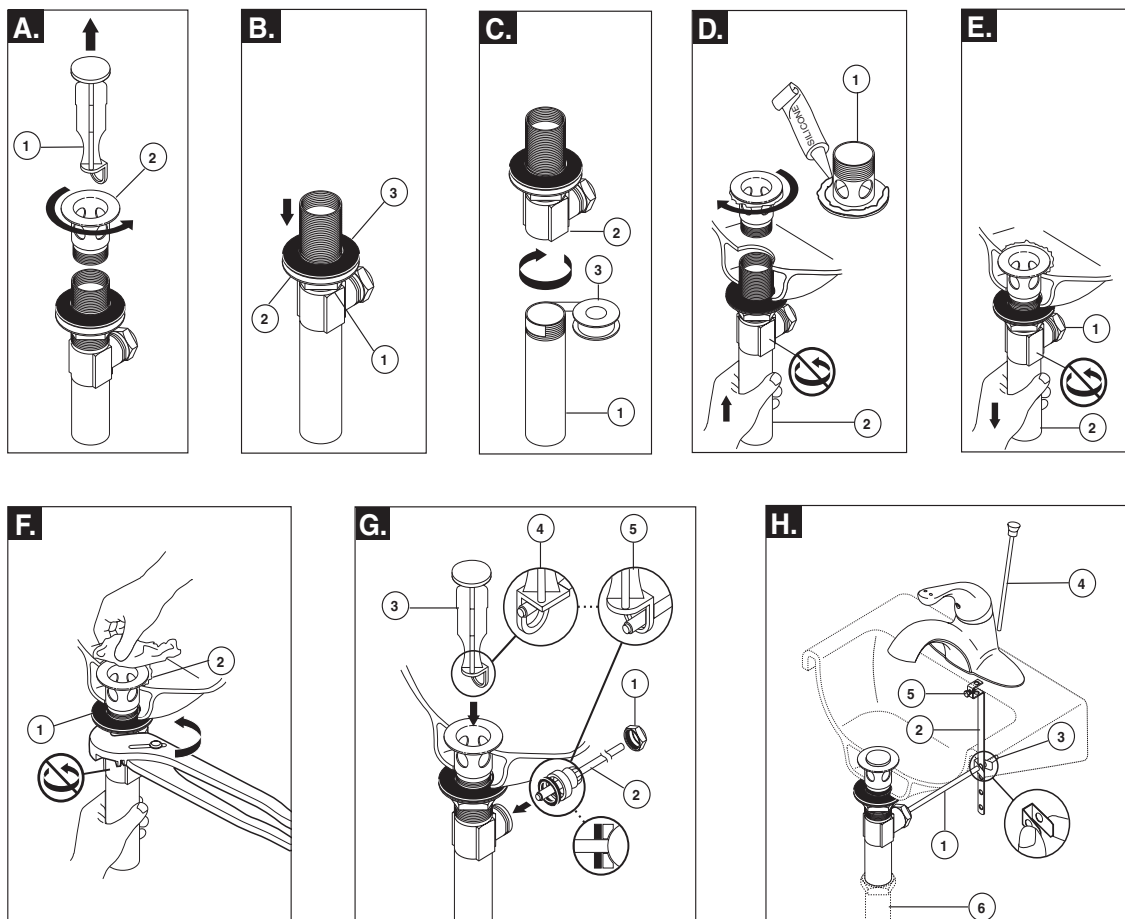
Note : N'essayez pas de démonter la cartouche (3). Il n'y a aucune pièce réparable à l'intérieur.

Instructions de nettoyage

Il faut le nettoyer avec soin. Même si son fini est extrêmement durable, il peut être abimé par des produits fortement abrasifs ou des produits de polissage. Il faut simplement le frotter doucement avec un chiffon humide et le sécher à l'aide d'un chiffon doux.

1 A. B.	2 1/2" (12.70mm) IPS 1 2 3
A. Position faucet (1) and gasket (2) on sink. <i>Option: If sink is uneven, use silicone under the gasket.</i> B. Secure with washers (1) and nuts (2).	Supply Line Connections Note: Be careful when bending the copper tubing. Kinked tubes will void the warranty. Choose hook-ups for 1/2" I.P.S. connections: (1) Ball nose riser (3/8" O.D. copper tubing), or (2) 1/2" I.P.S. faucet connector. Use the enclosed coupling nuts (3) with the ball nose risers (1). Important: Use two wrenches when tightening. Do not overtighten.
A. Coloque la llave (1) y el empaque (2) en el lavamanos. <i>Opción: Si el lavamanos está desnivelado, use silicón debajo del empaque.</i> B. Fije con arandelas (1) y tuercas (2).	Conexiones de las líneas de Suministro Nota: Tenga cuidado cuando doble la tubería de cobre. Tubos torcidos anularán la garantía. Escoja las conexions IPS de 1/2": (1) Conexión Bola-nariz (Tubería cobre 3/8" D.E.), o (2) Conector de llave I.P.S. 1/2". Utilice las tuercas de acoplamiento incluidas (3) con la conexión bola-nariz (1). Utilice dos llaves de tuercas cuando apriete. No apriete demasiado.
A. Placer le robinet (1) et le joint (2) sur l'évier. <i>Facultatif - Si la surface de l'évier est inégale, placez du composé d'étanchéité à la silicone sous le joint.</i> B. Fixez le robinet à l'aide des rondelles (1) et des écrous (2).	Branchements à la tuyauterie d'alimentation Note - Prenez garde de pincer les tubes en les cintrant. La garantie est nulle si les tubes ont été pincés. Choisissez des raccords compatibles 1/2 po IPS : (1) tubes-raccords à portée sphérique (tube en cuivre 3/8 po d.e.) ou (2) raccords de robinet 1/2 po IPS. Si vous utilisez des tubes-raccords à portée sphérique (1), servez-vous des écrous de raccordement fournis (3). Utilisez deux clés pour serrer les raccords. Prenez garde de trop serrer.

3



Metal Pop-Up Installation

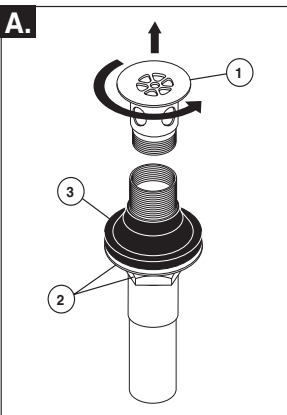
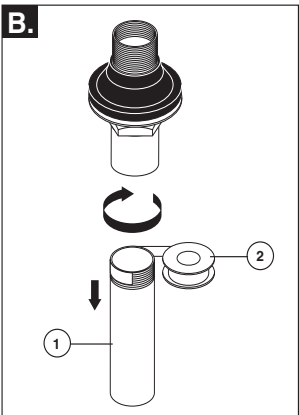
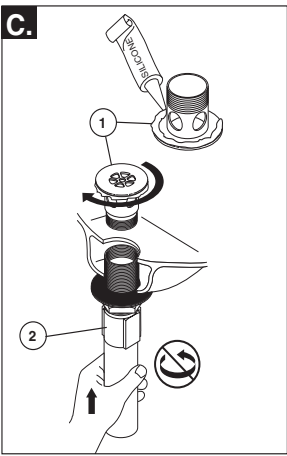
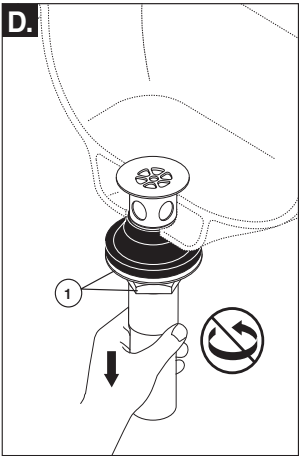
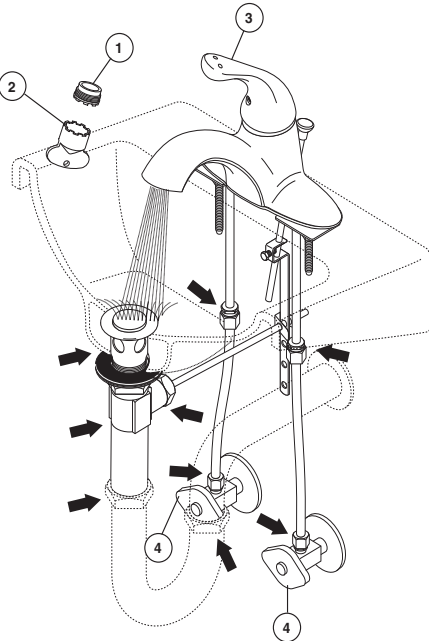
- A.** Remove stopper (1) and flange (2).
- B.** Screw nut (1) all the way down. Push washer (2) and gasket (3) down.
- C.** Remove tailpiece (1) from body (2), add plumber tape (3), replace tailpiece.
- D.** Apply silicone to underside of flange (1). Insert body (2) into sink. Screw flange (1) into body (2).
- E.** Pivot (1) must face faucet. Pull assembly (2) down firmly and hold in place. DO NOT TWIST.
- F.** Tighten nut/washer/gasket (1), clean off excess silicone (2). DO NOT TWIST.
- G.** Remove pivot nut (1). Install horizontal rod (2) and stopper (3) as removable (4) or non-removable (5). Hand tighten pivot nut (1).
- H.** Attach horizontal rod (1) to strap (2) using clip (3). Install lift rod (4), tighten screw (5). Connect assembly to drain (6).

Desagüe Automático de Metal

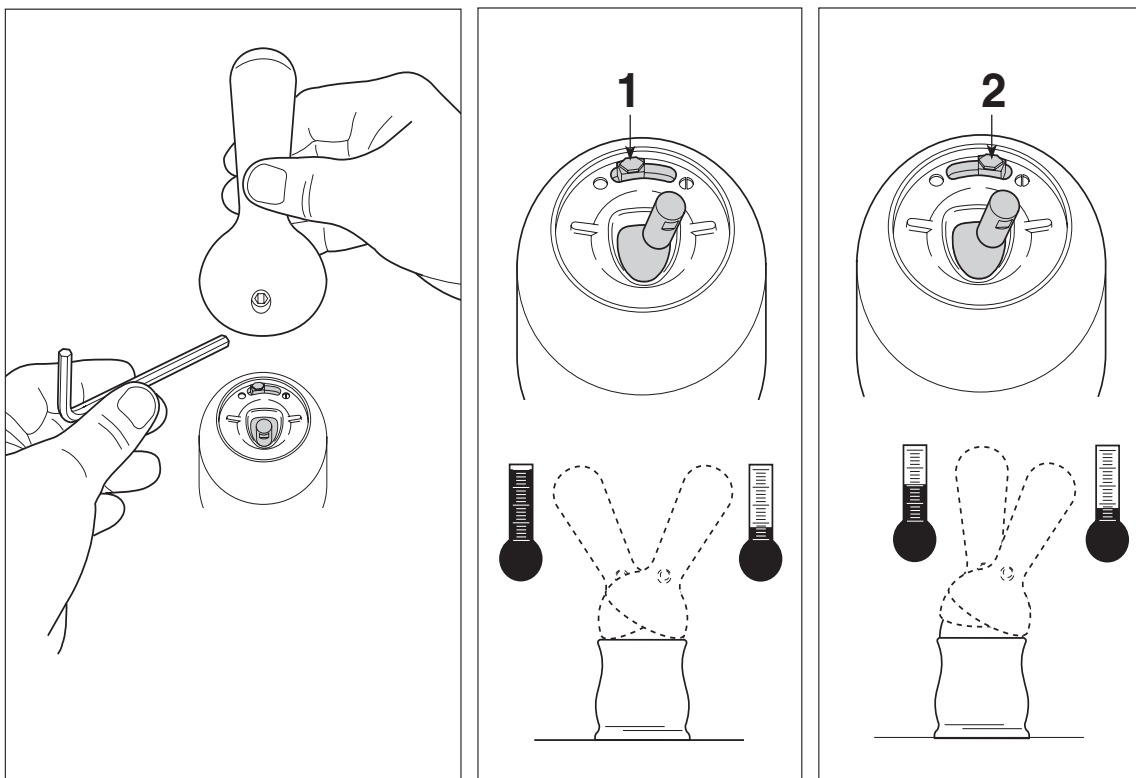
- A.** Quite el tapón (1) y el reborde (2).
- B.** Atornille la tuerca (1) completamente hasta abajo. Empuje la arandela/roldana (2) y el empaque (3) hacia abajo.
- C.** Quite el tubo de cola (1) del cuerpo (2), aplique cinta para plomero (3), coloque otra vez el tubo de cola.
- D.** Aplique silicona a la parte interior del reborde (1). Inserte el cuerpo (2) en el lavamanos. Atornille el reborde (1) en el cuerpo (2).
- E.** El pivote (1) debe de estar de frente a la llave. Hale el ensamble (2) hacia abajo firmemente y sujételo en sitio. NO LO GIRE.
- F.** Apriete la tuerca/arandela/empaque (1), limpie el exceso de silicona (2). NO LO GIRE.
- G.** Quite la tuerca del pivote (1). Instale la barra horizontal (2) y el tapón (3) como desmontable (4) o fijo (5). Apriete a mano la tuerca del pivote (1).
- H.** Una la barra horizontal (1) a la barra chata (2) utilizando el gancho (3). Instale la barra de alzar (4), apriete el tornillo (5). Conecte el ensamble al desagüe (6).

Renvoi Mécanique en Métal

- A.** Enlevez la bonde (1) et la collerette (2).
- B.** Serrez l'écrou (1) pour le faire descendre complètement. Poussez la rondelle (2) et le joint (3) vers le bas.
- C.** Enlevez le raccord droit de vidange (1) du corps (2), appliquez du ruban de plomberie (3), puis remettez le raccord droit en place.
- D.** Appliquez du composé à la silicone sous la collerette (1). Introduisez le corps (2) dans lav-abo, puis vissez la collerette (1) dans le corps (2).
- E.** Le pivot (1) doit faire face au robinet. Tirez l'ensemble (2) vers le bas fermement et maintenez-le en place. PRENEZ GARDE DE LE TORDRE.
- F.** Serrez l'écrou contre la rondelle et le joint (1), puis enlevez le surplus de composé à la silicone (2). PRENEZ GARDE DE TORDRE LE PIVOT.
- G.** Enlevez l'écrou du pivot (1). Installez la tige horizontale (2) et la bonde (3) de manière que la bonde soit amovible (4) ou non amovible (5). Serrez l'écrou (1) du pivot à la main.
- H.** Fixez la tige horizontale (1) au feuillard (2) à l'aide de l'agrafe (3). Installez la tige de manoeuvre (4) et serrez la vis (5). Fixez l'ensemble au renvoi (6).

3 A.  B.  C.  D. 	4 
Grid Strainer Installation A. Remove grid flange (1). Screw nut and washer (2) down as far as possible. Push gasket (3) down to nut and washer. B. Remove tailpiece (1) and apply plumber tape (2) to threads. Replace tailpiece. C. Apply silicone sealant to underside of grid flange (1). Insert grid strainer assembly (2) up through bottom of lavatory. Screw grid flange back on and secure. D. Pull grid strainer straight down into drain hole and secure gasket nut and washer (1). DO NOT TURN GRID STRAINER WHILE TIGHTENING NUT OR SEALANT MAY NOT SEAL DRAIN. REMOVE EXCESS SEALANT. Connect assembly to drain.	Remove aerator (1) using supplied wrench (2) and move faucet handle (3) to the full on mixed position. Turn on hot and cold water supplies (4) and flush water lines for one minute. Important: This flushes away any debris that could cause damage to internal parts. Reinstall aerator. Check all connections at arrows for leaks. Re-tighten if necessary, but do not overtighten.
Instalación de la Rejilla Coladora A. Quite el borde de la rejilla (1). Atornille la tuerca y la arandela (2) lo más posible. Empuje el empaque (3) hacia abajo, hacia la tuerca y la arandela. B. Quite el tubo de cola (1) y aplique cinta para plomero (2) a las roscas. Coloque otra vez el tubo de cola. C. Aplique sellador de silicona a la parte de abajo del borde de la rejilla (1). Inserte el ensamble de la rejilla-colador (2) hacia arriba por debajo del lavamanos. Atornille, otra vez, el borde de la rejilla y fíjelo. D. Hale la rejilla colador directamente hacia abajo, que quede dentro del hoyo del drenaje, y fije la tuerca del empaque y la arandela (1). NO GIRE LA REJILLA O EL SELLADO PUEDA NO SELLAR EL DRENAJE. LIMPIE EL EXCESO DE SELLADOR. Conecte el ensamble al desagüe.	Quite el aereador (1) usando la llave de tuercas (2) proporcionada con su llave de agua y mueva la manija de la llave de agua (3) a la posición completamente abierta. Abra los suministros de agua caliente y fría (4) y deje correr en agua por la líneas por un minuto. Importante: Esto limpia cualquier escombros que pudiera causar daño a las partes internas. Reemplace el aereador. Examine todas las conexiones donde señalan las flechas por si hay filtraciones de agua. Apriete de nuevo si es necesario, pero no apriete demasiado.
Installation de la crépine A. Retirez la collerette de la crépine (1). Vissez l'écrou avec la rondelle (2) autant ue possible. Abaissez le joint (3) contre l'écrou et la rondelle. B. Enlevez le raccord droit de vidange (1) et appliquez du ruban de plomberie (2) sur les filets. Remettez le raccord en place. C. Appliquez du composé à la silicone contre le dessous de la collerette de la crépine (1). Introduisez la crépine (2) dans l'orifice par le dessous du lavabo. Remettez la collerette en place et vissez-la à fond. D. Tirez la crépine vers le bas dans l'orifice et vissez l'écrou contre la rondelle et le joint (1). NE FAITES PAS TOURNER LA CRÉPINE EN SERRANT L'ÉCROU CAR LE COMPOSÉ D'ÉTANCHÉITÉ POURRA PERDRE SON EFFICACITÉ. ENLEVEZ LE COMPOSÉ D'ÉTANCHÉITÉ EN TROP. Fixez l'ensemble au renvoi.	Retirez l'aérateur (1) en utilisant la clé (2) et placez la poignée (3) du robinet en position d'écoulement maximum de l'eau chaude et de l'eau froide. Rétablissez l'alimentation en eau chaude et en eau froide (4) et laissez couler l'eau pendant une minute. Important: Il faut laisser s'écouler l'eau pour évacuer les saletés qui pourraient abîmer les éléments internes du robinet. Remettez l'aérateur en place. Vérifiez l'étanchéité de tous les raccords identifiés par une flèche. Resserrez les raccords au besoin, mais prenez garde de trop les serrer.

5



Setting The Handle Limit Stop (Optional)

This faucet includes an integrated handle limit stop that has two positions. Position 1, to the left, allows full handle motion (the full range between "all cold" to "all hot"). The faucet is set in position 1 in the factory. Position 2, to the right, allows half of the normal handle motion ("all cold" to "mixed hot/cold").

The handle limit stop can be adjusted by the homeowner once the faucet is installed. Setting the handle limit stop in position 2 may help to prevent scalding

because it limits the amount of hot water in the mix; however, this handle limit stop will not always prevent scalding because it does not compensate for incoming pressure or sudden water temperature changes.

To change positions of the handle limit stop: remove the handle; move the valve stem to the all cold position so the water is on; change the position of the handle limit stop; turn off the water; reinstall the handle.

Fijando la parada de límite de la manija (opcional)

Esta llave de agua incluye una manija integrada, que tiene dos posiciones, para limitar la temperatura. La posición 1, a la izquierda, permite el movimiento completo de la manija (el alcance completo entre el agua "totalmente fría" hasta "totalmente caliente"). La fábrica preselecciona la llave de agua (grifo) a la posición 1. La posición 2, a la derecha, permite la mitad del alcance de movimiento normal de la manija ("totalmente fría" a la posición "mixta caliente/fría").

Una vez que la llave de agua (grifo) se ha instalado, el límite rotacional de la manija puede ajustarse por el propietario de la residencia. Ajustando la manija de ajuste del tope del límite de la temperatura a la posición 2 puede ayudar a prevenir

escaldaduras porque limita la cantidad de agua caliente en la mezcla; sin embargo, esta manija que limita la temperatura del agua no siempre prevendrá escaldaduras porque no compensa la presión del agua de entrada o cambios repentinos de la temperatura del agua.

Para cambiar las posiciones de la manija que limitan la temperatura: quite la manija; cambie la posición de la espiga de la válvula a la posición totalmente fría de manera que el agua este abierta; cambie la posición de la manija que limita la temperatura; cierre el agua; reinstale la manija.

Plaçant l'arrêt de limite de poignée (facultatif)

Ce robinet est muni d'une butée de température maximale à deux positions. La position 1, à gauche, permet le déplacement de la manette entre les deux extrémités de la plage de température (eau très froide et eau très chaude). C'est la position sélectionnée en usine. La position 2, à droite, permet le déplacement de la manette sur la moitié de la plage de température (eau très froide et eau mitigée).

Il est possible de régler la butée de température maximale de la manette au moment de l'installation du robinet. Un réglage à la position 2 peut empêcher l'ébullition parce que cette position limite la quantité d'eau chaude dans le

mélange. Toutefois, ce réglage de la butée de température maximale de la manette ne constitue pas une garantie absolue contre l'ébullition parce qu'il n'offre aucune protection contre les fluctuations de la pression d'alimentation ou les changements de température soudains.

Pour modifier la position de la butée de température maximale de la manette : enlevez la manette; amenez l'obturateur à l'extrémité de la plage du côté eau froide pour faire s'écouler l'eau; modifiez la position de la butée de température maximale; fermez le robinet; réinstallez la manette.

VENDOR	DESCRIPTION	PAGE
Fiat	24x24x10 Molded Stone Mop Sink	25
Fiat	Service Sink Faucet, Brass, 1/2" IPS Inlet with Vacuum Breaker - Chrome	28
Fiat	Utility Hose 30" And Hose Bracket	33
Fiat	Mop Hanger, Wall Mount, 3 Station	34
Fiat	Wall Panel Corner 12" Tall x 24"x24" - Stainless Steel	
Fiat	Bumper Guards, 2, Vinyl, 24"	35
Fiat	SILICONE SEALANT	

INSTALLATION INSTRUCTIONS

Molded Stone Mop Service Basin

Model: MSB2424 & MSB3624

Thank you for selecting Fiat Products. To ensure this product is installed properly, please read these instructions carefully before you begin. (Certain installations may require professional help.) Also be sure your installation conforms to local codes.

IMPORTANT: Unpack your new mop service basin and inspect carefully for damage. Exercise care during installation. Rough handling or dropped tools may chip or crack material.

OBSERVE LOCAL PLUMBING AND BUILDING CODES

NOTE: Pictures may not exactly define contour of components

FIATTM PRODUCTS

INSTALLATION PLANNING

Study all job prints, specifications, and instructions. Check the level and quality of sub floor.

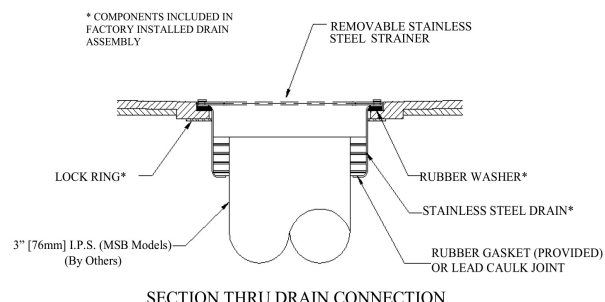
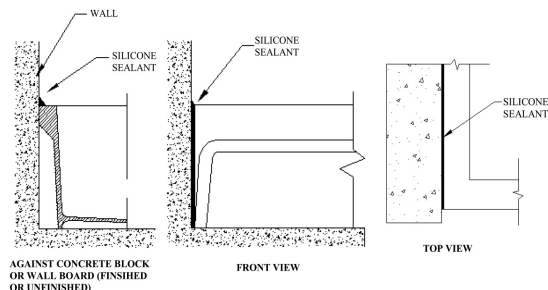
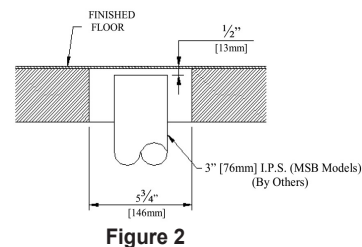
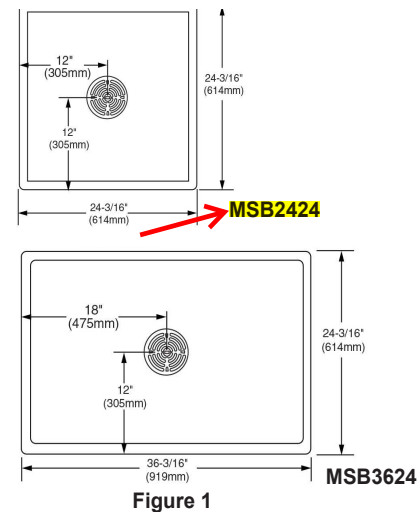
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INSTALLATION INSTRUCTIONS

MSB MODEL CONTENTS:

- 1 - Mop Service Basin
- 1 - QDC 3XH

1. Refer to "Rough-In dimensions (See figure 1) and determine location of Mop Basin.
2. Prepare a 5-3/4" diameter opening in sub-floor with top of the 3" PVC drain pipe centered 1/2" below the floor surface (See figure 2).
3. Once the drain body is installed, set the mop basin in place and align the drain body with the drain pipe. Level basin and shim as necessary.
4. Connect the drain line to the mop basin with included QDC 3XH rubber gasket (See figure 3).
5. Once the mop basin is in place, apply silicone sealant (not included) at all points where mop basin meets the wall (See figure 4).
6. Do not install lint basket and strainer until room is ready for use.



MSB_IOM-A

MOP SERVICE BASIN CARE AND CLEANING

This mop basin has been specifically designed and engineered to exceed demanding strength and stress factors required for use. It is stain resistant, semi gloss finish. Like any fine finish, it requires reasonable care to maintain its beauty and luster.

Day-to-day cleaning: Wash with warm water, a soft cloth, and mild liquid detergent.

For stubborn stains: Use a Non-Abrasive, liquid detergent cleaner, applied using a soft cloth. More persistent stains, tar, or paint can be removed with naphtha or mineral spirits. Remove excess plaster by scraping with a sharpened soft wood stick. Avoid wire brushes, metal scrapers, or tools.

NEVER USE ABRASIVE SCOURING POWDERS, SOLVENT BASED CLEANSERS, OR SCOURING PADS AS THEY TEND TO DULL THE FINISH.

**FIAT PRODUCTS, LLC. LIMITED ONE YEAR WARRANTY
FOR PERSONAL RESIDENTIAL AND COMMERCIAL USE OF FIAT® PRODUCTS**

WARRANTY COVERAGE

FIAT Products warrants products against defects in material and workmanship under both normal residential and commercial use for as long as it is owned by the original purchaser for a period of one (1) year from the date of first purchase.

This warranty is provided for the exclusive benefit of the initial consumer purchaser or owner. This warranty is non-transferable to subsequent purchasers or owners. The sole exception to the non-transferability of this warranty is that if this product is purchased by a plumber, contractor or other service provider, this warranty extends to the first residential or commercial property owner on whose behalf the product was purchased for installation. This warranty applies only to FIAT® Products installed in the United States of America or Canada.

If a defect arises and a valid claim is received, FIAT Products, at its option, will either (1) repair the product, (2) replace the product or any part therein with a FIAT product of equal or similar type and size, or (3) refund to the consumer the wholesale price of the product. If FIAT Products elects to refund the wholesale price to the consumer, FIAT Products shall have no further obligation to its wholesale customer, or any contractor with respect to such product. Goods proven to be defective will be replaced after proper inspection, but no claims for damages incurred or for work done thereon will be allowed. Replacements when supplied will be shipped at no cost to the consumer.

EXCLUSIONS AND LIMITATIONS

1. This warranty only applies to products purchased through an authorized FIAT® Products dealer or re-seller.
2. This warranty does not apply to defects or damage caused by non-genuine FIAT parts, installation error, product abuse, product misuse, improper maintenance, improper care or cleaning, improper repair or installation, and/or movement or transfer of the product from its original installation location (whether performed by you, a plumber, a contractor or a service company). Because improper care and cleaning can cause significant damage to the product, it is strongly recommended that you follow the Care and Cleaning Instructions (as well as the other instructions).
3. FIAT Products is not responsible for labor charges and/or damage incurred during installation, repair, or replacement.
4. FIAT Products does not warrant that this product and/or its installation complies with local code requirements. FIAT Products recommends that you consult with a plumbing contractor about local code requirements.

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS, OR IMPLIED. FIAT PRODUCTS HEREBY EXCLUDES SPECIAL, INCIDENTAL AND CONSEQUENTIAL DAMAGES FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY APPLICABLE TO THIS PRODUCT.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state (or province, as applicable).

OBTAINING WARRANTY SERVICE

If you feel you have a warranty claim, contact FIAT Products, either through an authorized FIAT Products dealer or re-seller, or by writing:

In the United States and Canada:

FIAT Products, LLC
4515 E. 139th St.
Grandview, MO 64030

Please be sure to provide all pertinent information regarding your claim, including a complete description of the problem, the product, model number, color, finish, purchase date, and from whom the product was purchased.

For other information, call (833) 549-9244 (in the United States and Canada) or visit www.fiatproducts.com.



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WARRANTY COVERAGE

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In the United States and Canada:

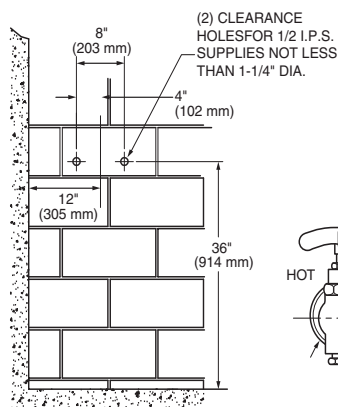
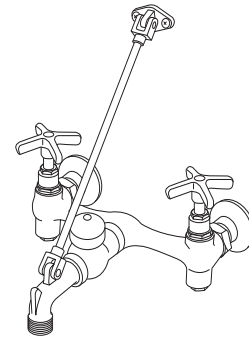
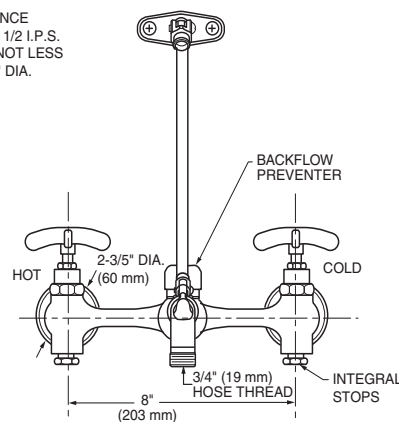
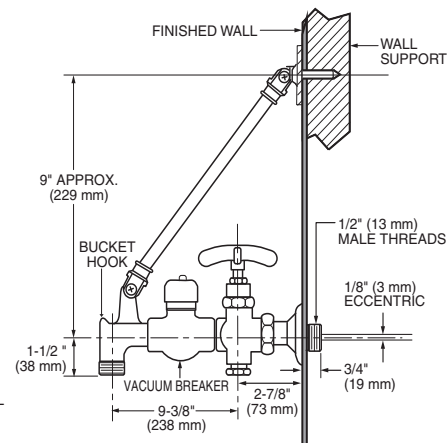
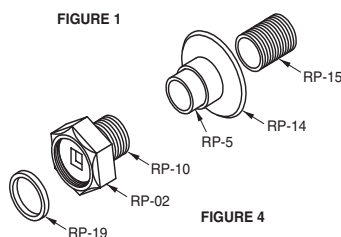
FIAT Products, LLC
 4515 E. 139th St.
 Grandview, MO 64030

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For other information, call (833) 549-9244 (in the United States and Canada) or visit www.fiatproducts.com.

INSTALLATION INSTRUCTIONS

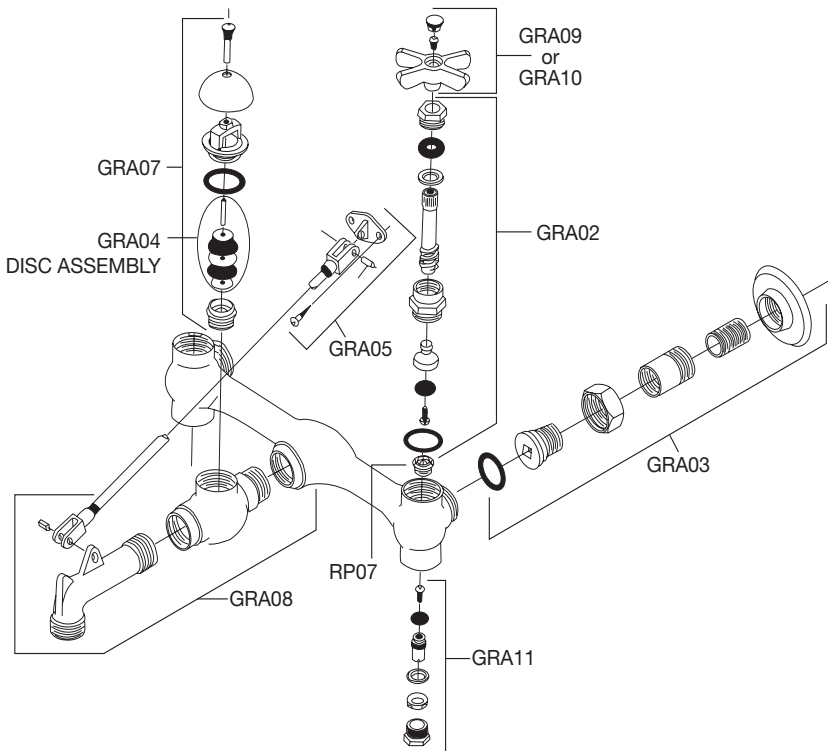
SERVICE-SINK FAUCET WITH INTEGRAL VACUUM BREAKER **Model: 830AA000**

FIAT
PRODUCTS

FIGURE 1

FIGURE 2

FIGURE 3

FIGURE 4

1. Unpack the valve and check for any damages that may have occurred during shipment..
2. Drill the supply holes for the HOT and COLD sides of the valve as per **Figure 1**.
3. Remove RP-02, RP-10 and RP-19 from the HOT and COLD sides of the valve and assemble as shown in **Figure 4** and place onto supply pipe for the hot and cold water.
4. Once Step 3 is complete attach the valve to RP-02..
NOTE: If RP-19 is not placed as shown in Figure 4 the connection will leak.
5. Attach BRACE ROD to nozzle with S.S. roll pin. Once this is completed, attached the BRACE FLANGE to BRACE ROD with S.S. roll pin. Position the BRACE FLANGE against the wall and mark two hole locations for the BRACE FLANGE holes and secure the BRACE FLANGE to the wall.

Customer Service
833-549-2887
www.fiatproducts.com

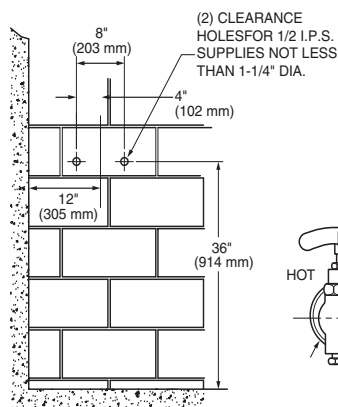
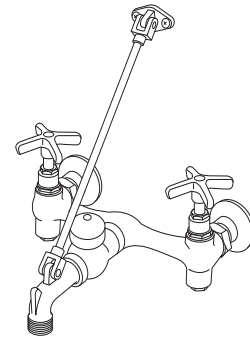
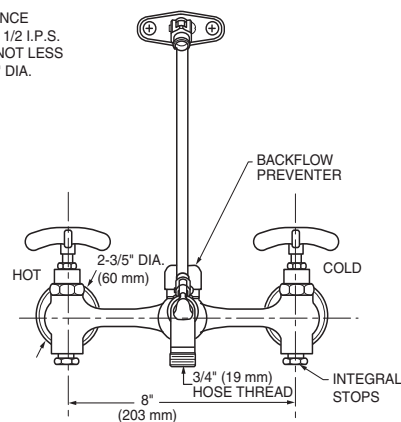
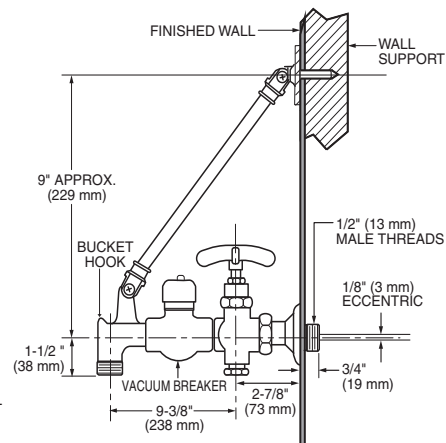
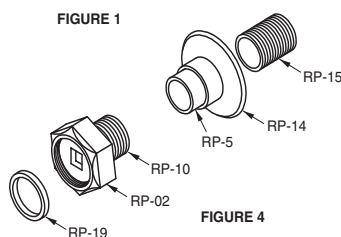
FIAT
PRODUCTS



GROUP ASSEMBLY PART#	DESCRIPTION
GRA02	Handle mounting group assembly — includes: spindle, seat washer, seat washer screw, packing nut, brass washer, packing, handle hub, hub washer
GRA03	Coupling assembly — includes: coupling nut, bushing (socket), swivel, wall flange, washer, nipple
GRA05	Brace assembly - includes: wood screw (2), brace flange, S.S. roller pin, wall brace rod
GRA07	Vacuum breaker and disc assembly — includes: seat, V.B. hub, cap, V.B. hub washer, V.B. cap screw, GRA-04 assembly
GRA08	Complete body assembly — includes: nozzle, center body, V.B. body
GRA09	Handle assembly (cold) — includes: handle, handle screw, cold index
GRA10	Handle assembly (hot) — includes: handle, handle screw, hot index
GRA11	Integral stop assembly — includes: spindle, brass washer, washer, packing nut, seat washer screw, packing
RP07	Seat — one (1) per package.

INSTALLATION INSTRUCTIONS

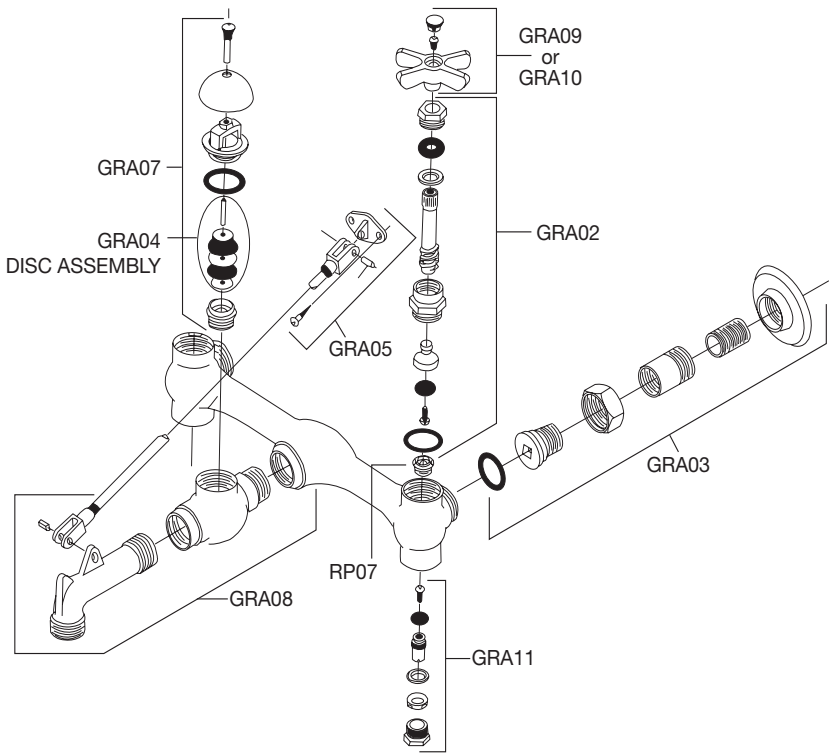
SERVICE-SINK FAUCET WITH INTEGRAL VACUUM BREAKER

Model: 830AA000
FIAT
PRODUCTS

FIGURE 1

FIGURE 2

FIGURE 3

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Customer Service
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FIAT
PRODUCTS



GROUP ASSEMBLY PART#	DESCRIPTION
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GRA05	Brace assembly - includes: wood screw (2), brace flange, S.S. roller pin, wall brace rod
GRA07	Vacuum breaker and disc assembly — includes: seat, V.B. hub, cap, V.B. hub washer, V.B. cap screw, GRA-04 assembly
GRA08	Complete body assembly — includes: nozzle, center body, V.B. body
GRA09	Handle assembly (cold) — includes: handle, handle screw, cold index
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RP07	Seat — one (1) per package.



**FIAT PRODUCTS, LLC. LIMITED ONE YEAR WARRANTY
FOR PERSONAL RESIDENTIAL AND COMMERCIAL USE OF FIAT® PRODUCTS**

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FIAT
PRODUCTS

INSTALLATION INSTRUCTIONS

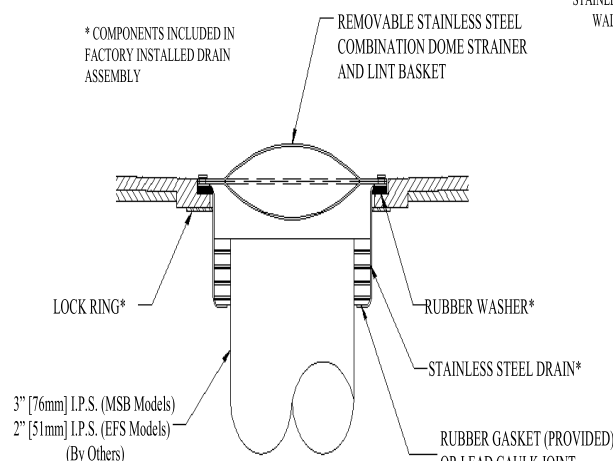
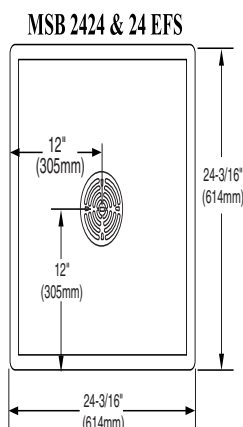
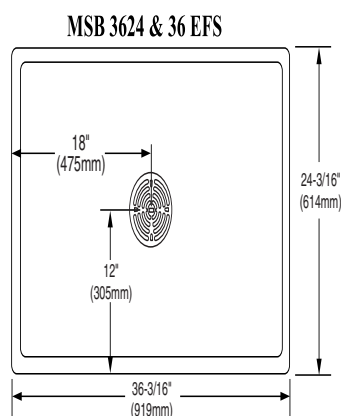
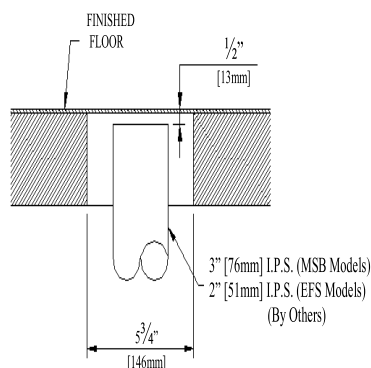
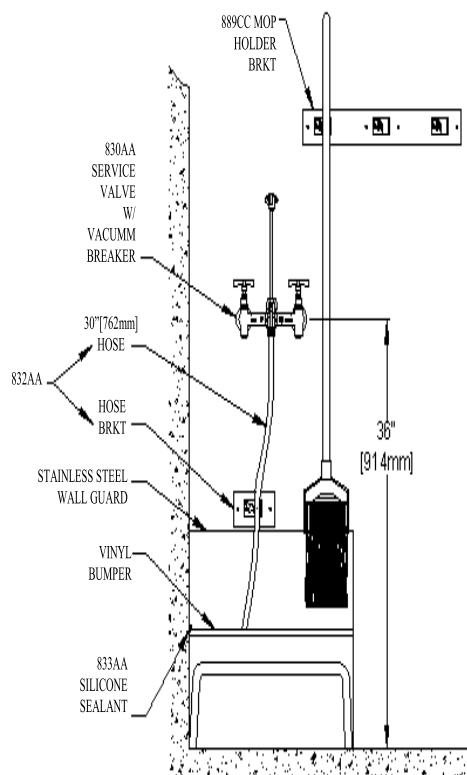
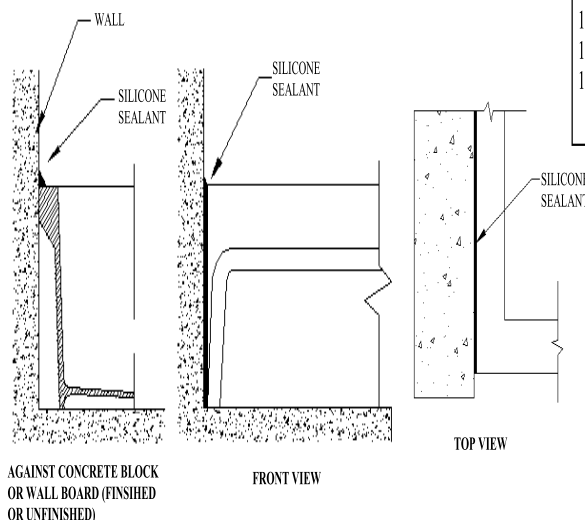
MOP SERVICE BASIN
MODELS MSB2424 & MSB3624

&

EVERYTHING FLOOR SINK
MODELS 24 EFS & 36 EFS

INSTRUCTIONS

1. Level basin and shim as necessary.
2. Drain to be connected to 3" I.P.S. in MSB models and 2" I.P.S. in EFS models with rubber gasket (provided) or lead caulk joint.
3. Apply silicone sealant at all points where basin meets wall.
4. Do not install lint basket and dome strainer until room is ready for use.


SECTION THRU DRAIN CONNECTION

**SUGGESTED INSTALLATION
THRU DRAIN PIPE**

OPTIONAL EQUIPMENT

MSB MODEL CONTENTS

1 - MOP SERVICE BASIN (24" X 24" OR 36" X 24")
1 - QDC 3XH
1 - INSTRUCTION SHEET

EFS CONTENTS

1 - MOP SERVICE BASIN (24" X 24" OR 36" X 24")
1 - QDC 32
1 - INSTRUCTION SHEET

FIAT CUSTOMER SERVICE
UNITED STATES
1-800-442-1902
www.fiatproducts.com

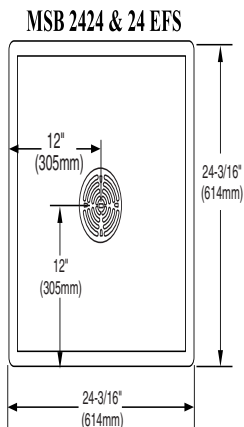
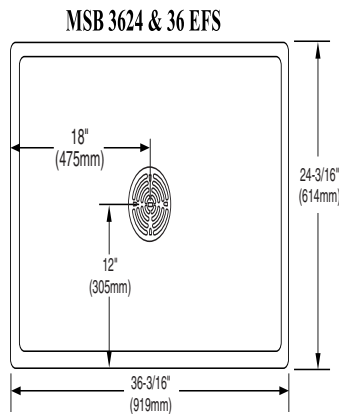
FIAT CUSTOMER SERVICE
CANADA
1-800-387-0369
www.fiat.ca



INSTRUCTIONS D'INSTALLATION

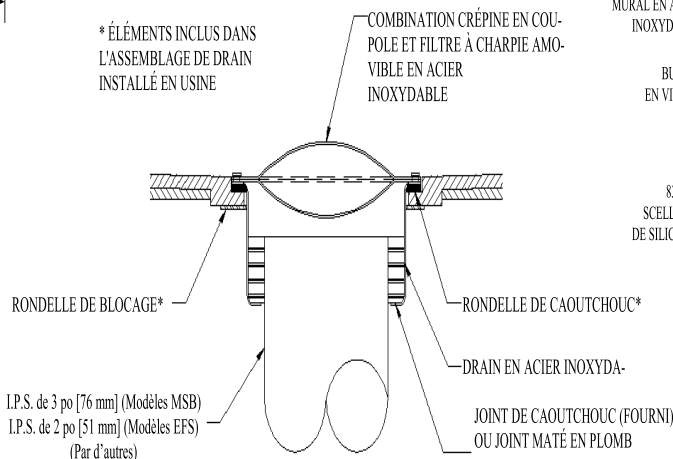
CUVE D'ENTRETIEN DE VADROUILLES ET ÉVIER DE PLANCHER TOUT USAGE
MODÈLES MSB2424 ET MSB3624 MODÈLES 24 EFS ET 36 EFS

INSTRUCTIONS

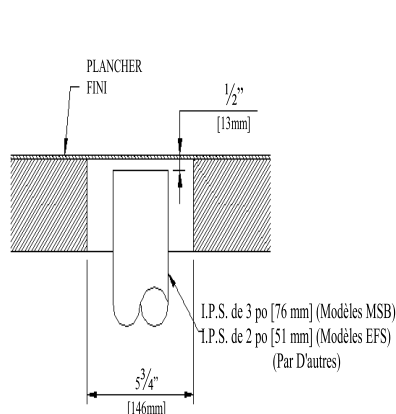


1. Mettre la cuve de niveau et caler au besoin.
2. Le drain doit être raccordé à l'I.P.S. de 3 po pour les modèles MSB et à l'I.P.S. de 2 po pour les modèles EFS avec un joint d'étanchéité en caoutchouc (fourni) ou un joint maté en plomb.
3. Appliquez un scellant de silicone à tous les points où la cuve touche au mur.
4. N'installez pas de crépine en coupole et de filtre à charpie jusqu'à ce que la pièce soit prête à être utilisée.

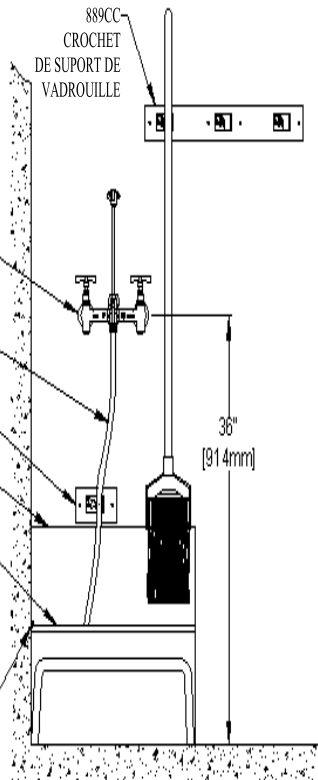
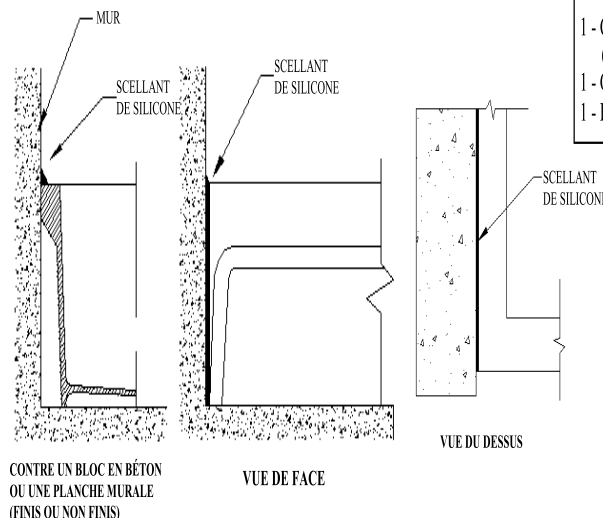
* ÉLÉMENTS INCLUS DANS L'ASSEMBLAGE DE DRAIN INSTALLÉ EN USINE



VUE TRANSVERSALE DU RACCORD DE RENVOI



INSTALLATION SUGGÉRÉE
PAR LE TUYAU D'ÉVACUATION



ÉQUIPEMENT FACULTATIF

CONTENU DU MODÈLE MSB

- 1 - CUVE D'ENTRETIEN DE VADROUILLES (24 po X 24 po OU 36 po X 24 po)
- 1 - QDC 3XH
- 1 - FEUILLE D'INSTRUCTIONS

CONTENU DU MODÈLE EFS

- 1 - CUVE D'ENTRETIEN DE VADROUILLES (24 po X 24 po OU 36 po X 24 po)
- 1 - QDC 32
- 1 - FEUILLE D'INSTRUCTIONS

SERVICE À LA CLIENTÈLE FIAT

ÉTATS-UNIS

1-800-442-1902

www.fiatproducts.com

SERVICE À LA CLIENTÈLE FIAT

CANADA

1-800-387-0369

www.fiat.ca



VENDOR	DESCRIPTION	PAGE
Woodford	Freezeless Wall Hydrant	38

INSTALLATION INSTRUCTIONS



For more information contact...

WOODFORD MANUFACTURING COMPANY, LLC.

2121 Waynoka Road, Colorado Springs, Colorado 80915 • Phone: (800) 621-6032

To view our complete product line visit: www.woodfordmfg.com or email: sales@woodfordmfg.com

Model 65 & 67 Automatic Draining Wall Hydrant

Rev 08/12 Form No. II65.103



Model 65 with Single Check
Vacuum Breaker



Model 67 with Double Check
Backflow Preventer

FIGURE 1

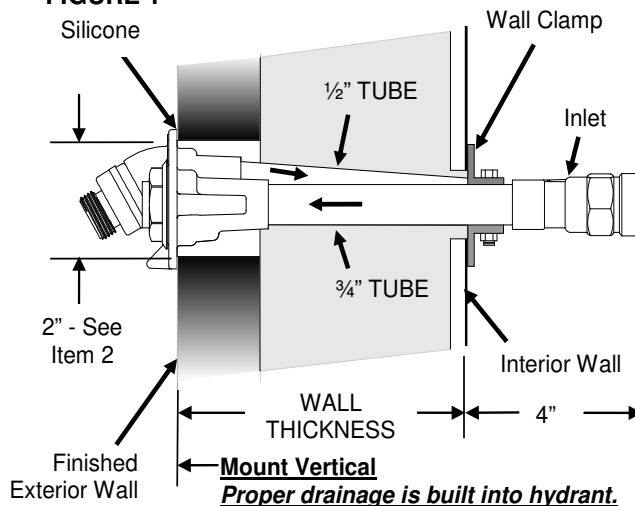
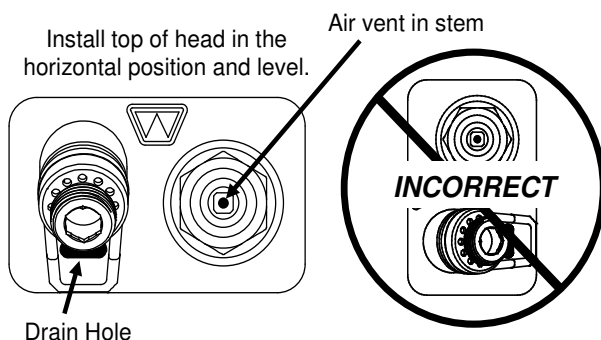


FIGURE 2



The hydrant must be properly installed and operated to insure drainage. Improperly installed or operated hydrants may freeze and burst in freezing weather.

INSTALLATION INSTRUCTIONS:

1. Before installation, flush supply line to remove any debris.
2. Cut a 2" X 3 7/8" opening through the wall in the desired location and insert the faucet from the outside. FIGURE 1
3. Install top of head in the horizontal position and level. *Do not install in vertical position.* FIGURE 2
4. *Note: Proper drainage is built into hydrant: (1/2" tube must slope slightly down toward inlet.) (3/4" tube must be level.)*
5. Apply silicone or equivalent to seal and help support hydrant FIGURE 1
6. Air vent in stem **must not** be plugged to ensure proper draining. FIGURE 2
7. Hydrant Inlet must be in a warm area. FIGURE 1
8. Install adjustable Wall Clamp over water tubes and slide snug to interior wall. FIGURE 1

Note: For solder connection, open hydrant to full open position before soldering. Excessive heat can damage valve seat rubber.

OPERATING INSTRUCTIONS:

To **OPEN**, turn stem counter-clockwise

To **CLOSE** and **DRAIN**, turn stem clockwise until seated and water drains out the drain hole.

INSTALLATION INSTRUCTIONS



For more information contact...

WOODFORD MANUFACTURING COMPANY

2121 Waynoka Road, Colorado Springs, Colorado 80915 • Phone: (800) 621-6032 • Fax: (800) 765-4115

To view our complete product line visit: www.woodfordmfg.com or email: sales@woodfordmfg.com

A Division of WCM Industries, Inc

Rev 08/12 Form No. IIB65.102

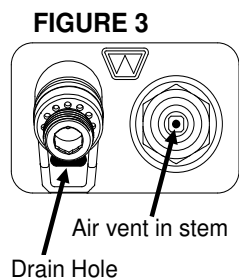
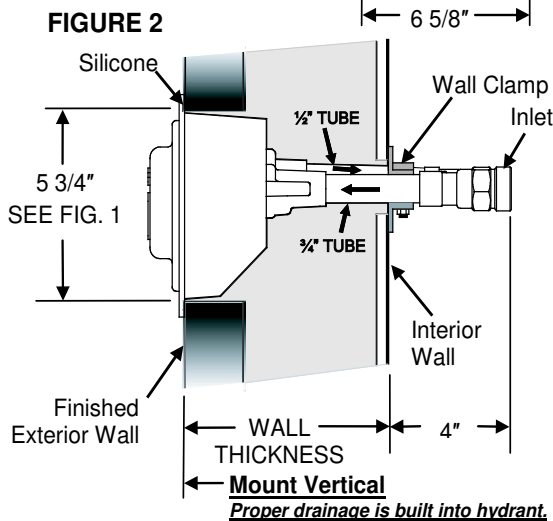
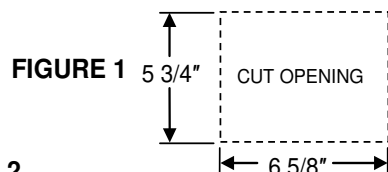
Model B65 & B67 Box Type - Automatic Draining Wall Hydrant



Model B65 with Single Check Vacuum Breaker



Model B67 with Double Check Backflow Preventer



Drain Hole



EXAMPLE: B65 or B67
installed in a block wall.

The hydrant must be properly installed and operated to insure drainage. Improperly installed or operated hydrants may freeze and burst in freezing weather.

INSTALLATION INSTRUCTIONS:

1. Before installation, flush supply line to remove any debris.
 2. Cut a 5 3/4" X 6 5/8" opening through the wall in the desired location. FIGURE 1
 3. Apply silicone or equivalent behind the box flange to seal and help support hydrant. FIGURE 2
 4. Insert the box and faucet assembly from the outside. FIGURE 2
 5. The top box flange must be installed in the horizontal position and level. *Do not install in vertical position.* FIGURE 2
- Note: Proper drainage is built into hydrant: (1/2" tube must slope slightly down toward inlet.) (3/4" tube must be level.)*
6. The hydrant Inlet must be located in a warm area of the building interior. FIGURE 2
 7. Install adjustable Wall Clamp over water tubes and slide snug to interior wall. FIGURE 2
 8. The operating stem air vent **must not** be plugged to ensure proper draining. FIGURE 3

Note: For solder connection, open hydrant to full open position before soldering. Excessive heat can damage valve seat rubber.

OPERATING INSTRUCTIONS:

Use Tee Key to lock/unlock door and operate hydrant. To **OPEN**, turn stem counter-clockwise. To **CLOSE** and **DRAIN**, turn stem clockwise until seated and water drains out the drain hole.

INSTALLATION INSTRUCTIONS



For more information contact...

WOODFORD MANUFACTURING COMPANY

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Rev 08/12 Form No. IIMB65.101

Model MB65 & MB67

Box Type - Automatic Draining Wall Hydrant



Model MB65 or MB67
DOOR OPEN

Model MB65 or MB67
DOOR CLOSED

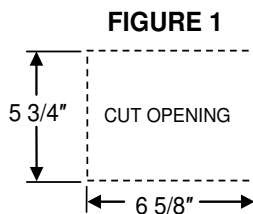
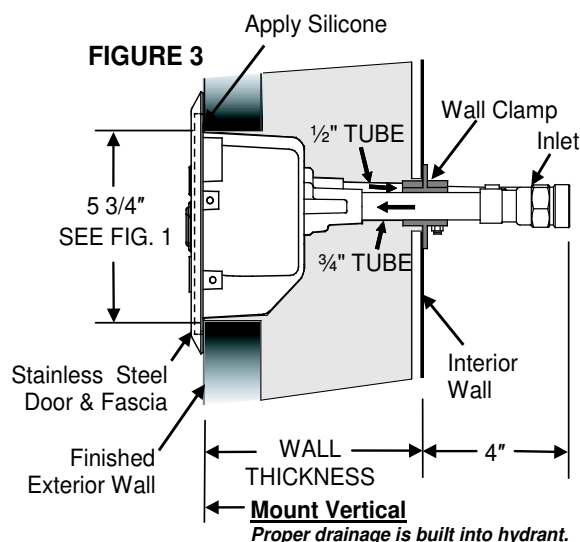


FIGURE 1



FIGURE 2



The hydrant must be properly installed and operated to insure drainage. Improperly installed or operated hydrants may freeze and burst in freezing weather.

INSTALLATION INSTRUCTIONS:

1. Before installation, flush supply line to remove any debris.
2. Cut a 5 3/4" X 6 5/8" opening through the wall in the desired location. FIGURE 1
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7. The hydrant Inlet must be located in a warm area of the building interior. FIGURE 3
8. Install adjustable Wall Clamp over water tubes and slide snug to interior wall. FIGURE 3

Note 1:

For solder connection, open hydrant to full open position before soldering. Excessive heat can damage valve seat rubber.

Note 2:

If desired, the stainless steel Door and Fascia assembly can be removed to prevent damage while installing the box hydrant unit. Open door and remove 4 screws inside of box.

OPERATING INSTRUCTIONS:

Use Tee Key to lock/unlock door and operate hydrant. To **OPEN**, turn stem counter-clockwise. To **CLOSE** and **DRAIN**, turn stem clockwise until seated and water drains out the drain hole.

TROUBLESHOOTING & MAINTENANCE



For more information contact...

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Rev 06/15 Form No. TM65.103

Model 65 & 67 Freezeless Wall Hydrant



Fig 1



Fig 2



Fig 3



Fig 4

Drain Hole Air Vent



Fig 5

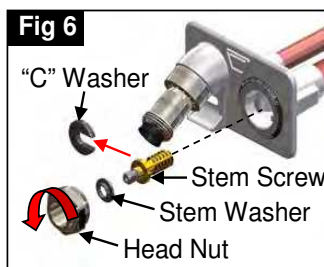


Fig 6

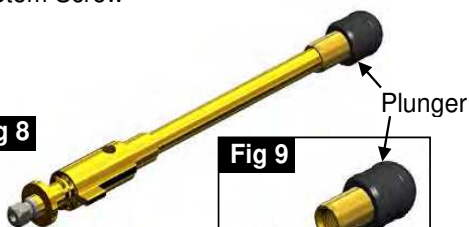


Fig 7

Stem Screw

For replacement
parts order
Repair Kit
RK-65

Fig 8



Plunger

Fig 9



- **Water leaks from drain hole (Fig 1) and/or air vent in Stem Screw when the hydrant is on.**
Plunger (50250) is damaged and needs to be replaced. See **Operating Rod Removal**
- **Hydrant will not shut off. Water leaks out nozzle (Fig 2) and/or drain hole when hydrant is off.**
If a new installation debris or other obstruction may be prohibiting the plunger from seating properly. Remove rod assembly, inspect plunger for damage and flush the casing before reassembling. See **Operating Rod Removal**
- **Hydrant does not drain when it is shut off.**
Drain hole cavity in casting and/or air vent hole in Stem Screw (**Fig 3**) may be blocked with insect nest or other debris. Use a stiff wire to clear any obstructions.
- **Hydrant does not flow water when it is on.**
The Vacuum Breaker may be obstructed or damaged. Remove the Vacuum Breaker (**Fig 4**) and check to see if the hydrant flows water with the Vacuum Breaker removed. Inspect the Vacuum Breaker for obstruction or damage. If the hydrant still does not flow water with the Vacuum Breaker removed, remove the Operating Rod Assembly and turn on the water supply to flush the casing. See **Operating Rod Removal**

Operating Rod Removal:

1. Shut off water supply.
2. Turn the Stem Screw counterclockwise to the full open position. (**Fig 5**)
3. Remove the Head Nut and Stem Screw. (**Fig 6**)
4. Remove the "C" Washer from the stem screw. (**Fig 6**)
5. Thread the stem screw back in the operating rod one or two turns. (**Fig 7**) Use a screwdriver or small pry bar to pry under the ledge of the stem screw, against the face of the hydrant, to pull the rod out of the hydrant. A damaged plunger may require a significant force to pull the rod free. (**Fig 8**)
6. Once the rod is out of the hydrant, inspect and/or replace the plunger, which is threaded on the rod. (**Fig 8 & 9**) If the plunger rubber has come off the insert and is stuck inside the hydrant, a special plunger removal tool is available on loan from Woodford.

The Model 67, B67 & RB67 are automatic draining, freezeless wall hydrants with hose connection Backflow Protection. Hydrants drain as handle is shut off, *even if hose is attached*. All models are intended for irrigation purposes and blend in with modern architecture for installation on restaurants, schools, office buildings, churches, apartments, motels, stores, shopping centers and industrial buildings.

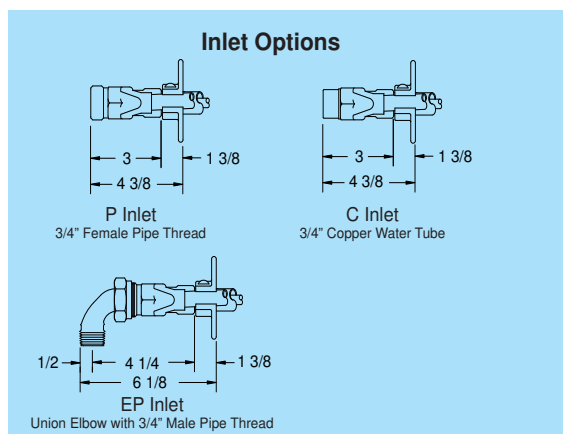
SPECIFICATIONS:

PATENTED HIGH FLOW DOUBLE CHECK BACKFLOW PREVENTER

- NIDEL® Model 50HA with 3/4 inch male hose thread
- ASSE Standard 1052 approved
- Field Testable
- Two Independent Check Valves 
- No spray back

FEATURES:

- Permanent type brass valve body with hemispherical seating surface.
- One piece valve plunger accurately controls both flow and drainage with a minimum number of turns and without need for adjustments.
- Drains under nozzle away from hands of operator and with a lip to divert water away from building.
- Copper casing tubes.
- No Lead Solder on all solder joints.
- Hardened stainless steel stem resists damage.
- Loose key operates hydrant.
- 3/8" solid brass operating rod.
- Four inlet options (See below)
- Wall clamp furnished on all 60 series except close coupled.
- Max Pressure: 125 p.s.i.
- Max Temperature: 120° F
- For Patent information: <https://Woodfordmfg.com/Woodford/Patents/>



Specify as follows:

Wall hydrant shall be Woodford Model 67 (exposed type), B67 or RB67 (concealed box type), automatic draining with ASSE 1052 approved NIDEL® Model 50HA double check backflow preventer. 3/4" inlet and outlet (specify type of inlet). Hardened stainless steel operating stem and one-piece valve plunger to control both flow and drain functions. Exterior finish to be Chrome Plated (options: Polished Brass or Rough Brass). Loose tee key to be furnished with each hydrant. Wall thickness to be _____ inches.

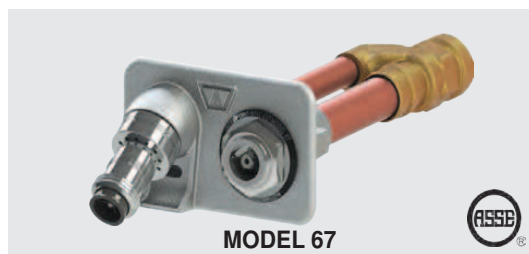
When ordering, specify model, inlet and wall thickness

Freezeless Wall Hydrants



With Patented Model 50 High Flow Double Check Backflow Preventer

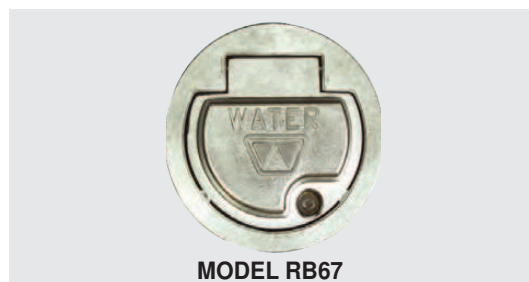
Model 67/B67/RB67



Exterior Finish:
Standard - Chrome (CH)
Optional - Brass (BR) Polished Brass (PB)
Fits one standard modular brick course.



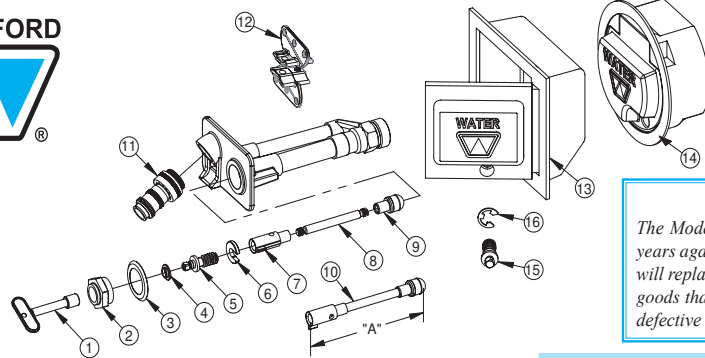
Exterior Finish: Box & Door
Standard - Chrome (CH)
Optional - Brass (BR) Polished Brass (PB)
Fits two std. modular brick course or one course of facing tile.



Exterior Finish: Box & Door - Chrome (CH) Only
Designed especially for tilt-up wall construction.
Install through 6" diameter hole.

Two 3/8"-16 tapped holes for all-thread anchors in back of box.
Lift and latch door stays open when hydrant is in use.

SEE WOODFORDMFG.COM FOR INSTRUCTIONS AND DETAILS OF APPLICABLE PATENTS AND PATENTS PENDING OR CALL 1-800-621-6032

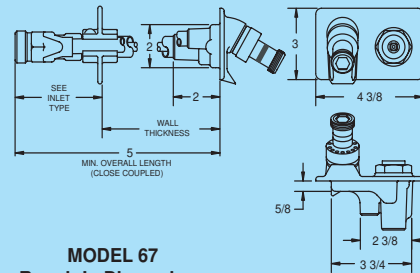


LIMITED WARRANTY

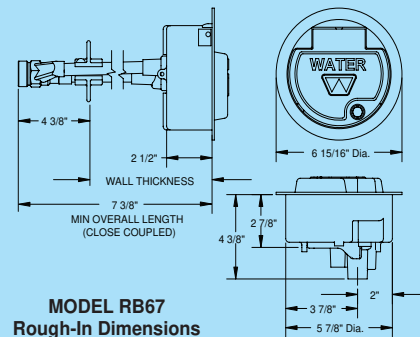
The Model 67 is sold with a limited warranty for five years against defects in material and workmanship. We will replace or issue credit (at our option) for defective goods that are returned for inspection and found to be defective within five years of purchase from Woodford.

MODEL 67/RB67 PARTS LIST

ITEM	PART #	DESCRIPTION
1	50009	Tee Key
	50010	Long Tee Key (Box Models)
2	50264	Head Nut – chrome
	50265	Head Nut – brass
3	50584	I.D. RING
4	50252	Stem Washer
5	55062	Stem Screw
6	50251	“C” washer
7	51014	Yoke Nut
8	Operating Rod (Sold As Item 10 Only)	
9	50250	Plunger
10	554XX	Operating Rod Assembly (Includes Items 7,8,9) (Select required assembled length from table below)
11	50HA-CH	NIDEL® 50HA Backflow Preventer – chrome
	50HA-BR	NIDEL® 50HA Backflow Preventer – brass
12	55063	Wall Clamp Assembly
13	67BX	Box/Door Assembly – Chrome
	67BX-BR	Box/Door Assembly - Brass
	67BX-PB	Box/Door Assembly – Polished Brass
14	RB67BX	Round Box/Door Assembly - Chrome
	RK-65	Chrome Repair Kit (Includes Items 1, 2, 4-7 & 9)
15	51117	Door Lock Screw - Chrome
	51116	Door Lock Screw - Brass
16	51120	E-Ring

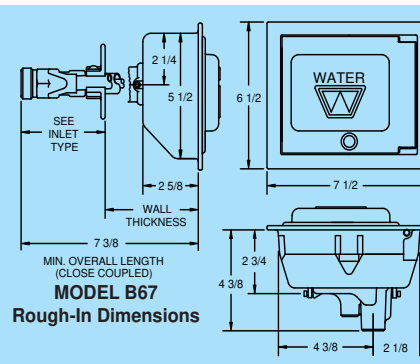


MODEL 67
Rough-In Dimensions



MODEL RB67
Rough-In Dimensions

Item 10 - Operating Rod Assy. "A"			
Wall Thickness	B67/RB67	Length	Part No.
CC	CC	3 1/2"	55401
N/A	4	4 1/2"	55402
4	6	6 1/2"	55404
6	8	8 1/2"	55406
8	10	10 1/2"	55408
10	12	12 1/2"	55410
12	14	14 1/2"	55412
14	16	16 1/2"	55414
16	18	18 1/2"	55416
18	20	20 1/2"	55418
20	22	22 1/2"	55420
22	24	24 1/2"	55422
24	N/A	26 1/2"	55424



MODEL B67
Rough-In Dimensions

Wall Thickness (Inch)	CC	4	6	8	10	12	14	16	18	20	22	24
Overall Length - Hydrant	5	8	10	12	14	16	18	20	22	24	26	28
Overall Length - Box Models	7 3/8	8 3/8	10 3/8	12 3/8	14 3/8	16 3/8	18 3/8	20 3/8	22 3/8	24 3/8	26 3/8	28 3/8
Shipping Wt. (Lbs)**	3.8	4.4	4.8	5.2	5.6	6	6.4	6.8	7.2	7.6	8	8.4

** Add 8.3 Lbs. for brass box models.

NOTE: Close Coupled Models are not recommended for use in freezing climates and cannot use wall clamp.

For more information contact...

WOODFORD MANUFACTURING COMPANY, LLC

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To view our complete product line visit: www.woodformmfg.com or email: sales@woodformmfg.com

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Rev. 8/25 Form No. 67.116

TERMS AND CONDITIONS OF SALE

Selling Policy - Possession of our price list or jobber discounts is not an offer to sell. All orders are subject to acceptance by the home office in Colorado Springs, Colorado.

Minimum Invoice - No invoice will be rendered for less than \$25.00 list.

Cash Discount - 3% 15 days from date of invoice or 2% 10th Prox., Net EOM

Freight Allowance - All goods sold F.O.B shipping point. For shipments in the continental United States and Canada, **full freight will be allowed on orders of \$3,500.00 or more list.** No freight allowance on smaller shipments. We reserve the right to ship the most economical way. Non-Standard lengths might not qualify for FFA.

Foreign Shipments - (including Alaska and Hawaii) will be allowed full freight, according to the conditions listed above, to the embarkation point in the continental United States only.

Claims, Shortages and Damage - All claims for shortages or goods damaged in transit must be made within **10 days after receipt of merchandise.** All claims must be made to Woodford Manufacturing Co., LLC by the consignee.

Prices, Designs and Quotation - Prices, designs and dimensions of products are subject to change without notice. Quotations, unless otherwise stated, are for immediate acceptance and prices quoted are based on the sellers standard tolerances of materials. We reserve the right to invoice all merchandise at prices in effect at the time of shipment.

Cancellations - Orders covering special merchandise are not subject to cancellation without our written permission. Purchaser subject to expense incurred by cancellation of special orders.

Limited Warranty - All goods are sold with a limited warranty for one year against defects in material and workmanship. We will replace or issue credit (at our option) for defective goods that are returned for inspection and found to be defective within one year of purchase from Woodford.

Implied warranties - Implied warranties are limited to one year from date of purchase from Woodford.

Taxes and Government Regulations - Sales or manufactures tax imposed under any existing or future statutes shall be added to the price of merchandise effective at the time shipment is made.

Ordering Procedure - Purchase order must include the following: Model number, inlet size & type, handle type, wall thickness or depth of bury and type of finish required where applicable.

Returned Goods - Standard catalog material may be returned. All returns of resalable new and unused product is subject to a 25% restocking charge, plus the cost of reconditioning, not to exceed an additional 25% (50% total). Credit for used or freight damaged material to be determined by factory upon receipt of material. Polished Brass Finishes PB are subject to 50% restocking charge.

We will not accept returns for:

1. Any non-defective return under \$25.00 net or product over 18 months old.
2. Special lengths on any product.
3. Obsolete merchandise and product not listed in current price guide.
4. Competitor's product or product abused by installation.
5. Items not reviewed and RGA form signed by local Woodford representative before being sent back for factory approval.

All items claimed defective must be returned prepaid to address shown on back cover:

Model 19 Limited 5 Year Warranty



All **Model 19** Wall faucets are sold with a limited warranty for five (5) years against defects in material and workmanship. We will replace or issue credit (at our option) for defective goods that are returned for inspection and found to be defective within five (5) years of purchase from Woodford. In addition, Woodford will pay up to \$5,000.00

toward the cost to repair damages incurred as a result of a defective Model 19 Wall Faucet that was properly installed. This limited warranty does not cover defects caused by: modification, alteration or repair of the product by anyone other than Woodford; physical abuse to, or misuse of, the product or operation thereof in a manner contrary to accompanying instructions.

Commercial Limited 5 Year Warranty



All **Commercial Wall hydrants and Roof hydrants** shown in this brochure are sold with a limited warranty for five years against defects in material and workmanship. We will replace or issue credit (at our option) for defective goods that are returned for inspection and found to be defective within five years of purchase from Woodford.

Patented and Patents Pending: See <https://www.woodfordmfg.com/patents> for details
For Individual Spec Sheets, Installation and Troubleshooting Instructions
Go to <https://www.woodfordmfg.com> or Call Customer Service 1-800-621-6032

VENDOR	DESCRIPTION	PAGE
Elkay	Elkay Ezh2o Bottle Filling Station With Versatile Bi-level Ada Cooler, Filtered 8 Gph Light Gray	46

ENKLZSTL8WS_1A

ELKAY®

Enhanced

INSTALLATION & USE MANUAL

LZ™ Series Bottle Filling Stations & Coolers

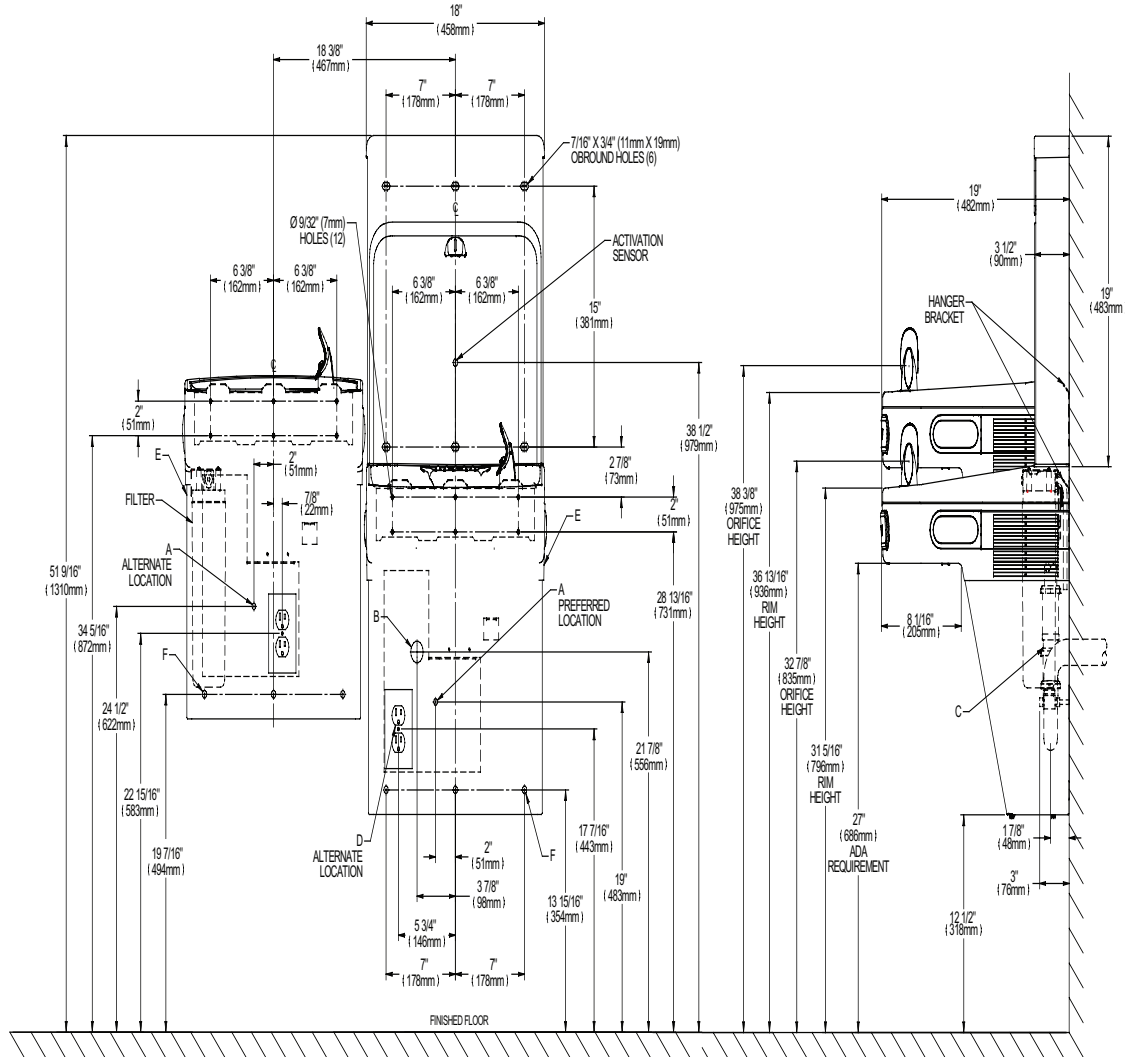


* Versatile cooler design allows units to be installed either left-hand high and right-hand low or left-low and right high. Basin change may be required. See desired rough-in to help determine if the basin change is necessary.
Important: The refrigerated coolers must be hung on the right side.

2000001775 (Rev. A - 06/24)

Page 2

FIG. 1



REDUCE HEIGHT BY 3 INCHES FOR INSTALLATION OF CHILDREN'S ADA COOLER

Reduzca la altura en 76 mm (3") para la instalación del bebedero con clasificación ADA para niños

Réduire la hauteur de 76 mm (3 PO) pour les installations à la norme ADA enfants

LEGEND/LEYENDA/LÉGENDE

A = RECOMMENDED WATER SUPPLY LOCATION 3/8 O.D. UNPLATED COPPER TUBE CONNECT STUB WITH SHUT OFF (BY OTHERS) 3 IN. (76mm)

MAXIMUM OUT FROM WALL MAXIMUM WATER SUPPLY PRESSURE: 105 PSI (0.73 MPa)

UBICACIÓN RECOMENDADA DEL SUMINISTRO DE AGUA. TUBERÍA DE COBRE SIN REVESTIMIENTO DE 3/8" DE DIÁM. EXT. ADAPTADOR DE CONEXIÓN CON VÁLVULA DE CIERRE (DE TERCEROS) MÁXIMO A 76 mm (3") DE LA PARED. PRESIÓN MÁXIMA DE SUMINISTRO DE AGUA: 105 PSI (0.73 MPa)

EMPLACEMENT RECOMMANDÉ DE L'ARRIVÉE D'EAU. TUBE EN CUIVRE NON PLAQUÉ DE 3/8 PO DE DIA. EXT. RACCORDER À LA CONDUITE D'ALIMENTATION AVEC UN ROBINET D'ARRÊT (NON FOURNI) À 76 mm (3 PO) MAXIMUM DU MUR. PRESSION MAXIMALE D'ALIMENTATION EN EAU: 105 PSI (0.73 MPa)

B = RECOMMENDED LOCATION FOR WASTE OUTLET 1-1/2" O.D. DRAIN STUB 2 IN. OUT FROM WALL

UBICACIÓN RECOMENDADA DE LA SALIDA DE DESECHOS. ADAPTADOR DE DESAGÜE DE 1-1/2" DE DIÁM. EXT. A 51 mm (2") DE LA PARED. EMBLACEMENT RECOMMANDÉ DE LA SORTIE D'ÉCOULEMENT. CONDUITE D'ÉVACUATION DE 1-1/2 PO DE DIA. EXT. DÉPASSANT DE 51 mm (2 PO) HORS DU MUR

C = 1-1/2" TRAP NOT FURNISHED

NO SE INCLUYE SIFÓN DE 1-1/2"

SIPHON DE 1-1/2 PO NON FOURNI

LEGEND/LEYENDA/LÉGENDE

D = ELECTRICAL SUPPLY (3) WIRE RECESSED BOX DUPLEX OUTLET**

SUMINISTRO ELÉCTRICO (3) CAJA ENCHUFE DE ALAMBRE SALIDA DÚPLEX
ALIMENTATION ÉLECTRIQUE (3) BOÎTIER ENCASTRÉ

E = INSURE PROPER VENTILATION BY MAINTAINING 6" (152 mm) (MIN.) CLEARANCE FROM CABINET LOUVERS TO WALL.

PARA GARANTIZAR LA VENTILACIÓN ADECUADA, MANTENGA 152 mm (6") (MIN.) DE SEPARACIÓN DESDE LAS REJILLAS DEL GABINETE HASTA LA PARED.

POUR ASSURER UNE AÉRATION SUFFISANTE, PRÉVOIR UN DÉGAGEMENT DE 152 mm (6 PO) (MIN.) ENTRE LES ÉVÈNTS DE L'ENCEINTE ET LE MUR.

F = 7/16 BOLT HOLES FOR FASTENING UNIT TO WALL

ORIFICIOS PARA PERNOS DE 7/16, PARA FIJAR LA UNIDAD A LA PARED

TROUS DE VIS DE 7/16 PO POUR LA FIXATION DE L'APPAREIL AU MUR

**NEW INSTALLATIONS MUST USE GROUND FAULT CIRCUIT INTERRUPTER (GFCI)

**Las nuevas instalaciones deben usar un interruptor de circuito de falla a tierra (GFCI, por sus siglas en inglés)

**Les nouvelles installations doivent comporter un disjoncteur différentiel (GFCI)

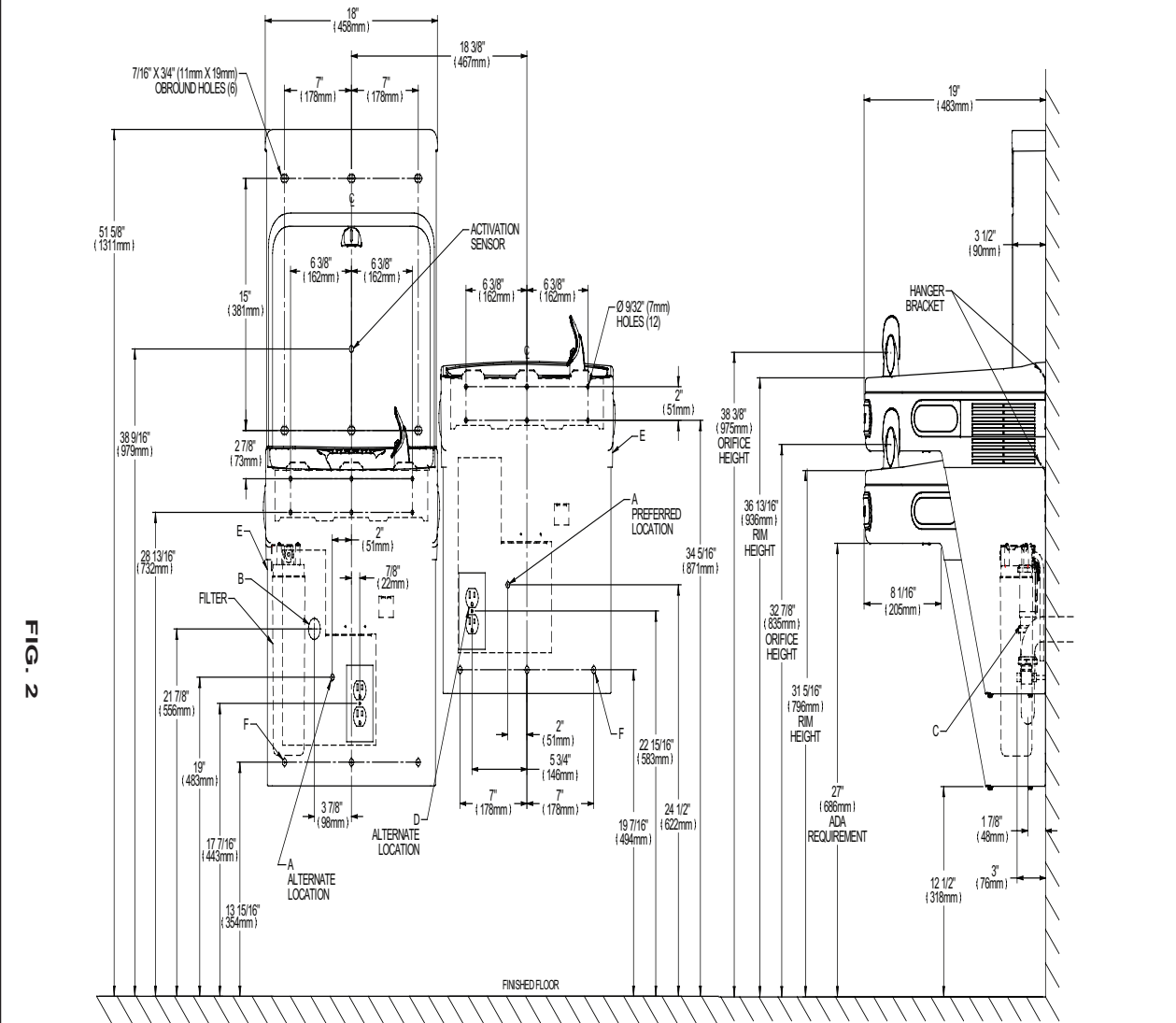
NOTE: It is highly recommended that the circuit be dedicated and the load protection be sized for 20 amps.

NOTA: Es muy recomendable que el circuito esté dedicado y que la protección de carga tenga un tamaño de 20 amperios.

REMARQUE: Il est fortement recommandé de dédier le circuit et de dimensionner la protection de charge à 20 ampères.

ENKLZSTL8WS_1A

ALTERNATE ROUGH-IN FOR RIGHT-HAND HIGH, BOTTLE FILLER LOW MODELS - REQUIRES BASIN ASSY CHANGE
BOSQUEJO ALTERNATIVO PARA MODELOS CON LA LLENADORA DE BOTELLAS BAJA Y LA PARTE DERECHA ALTA: REQUIERE CAMBIAR EL CONJUNTO DE TARJA
AUTRE DISPOSITION DE CANALISATIONS, POUR INSTALLATION DROITE HAUTE ET REMPLISSEUSE DE BOUTEILLE BASSE - MODIFICATION DE LA FONTAINE REQUISE



REDUCE HEIGHT BY 3 INCHES FOR INSTALLATION OF CHILDREN'S ADA COOLER

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SIPHON DE 1-1/2 PO NON FOURNI

LEGEND/LEYENDA/LÉGENDE

D = ELECTRICAL SUPPLY (3) WIRE RECESSED BOX DUPLEX OUTLET*

SUMINISTRO ELÉCTRICO (3) CAJA ENCHUFE DE ALAMBRE SALIDA DÚPLEX

ALIMENTATION ÉLECTRIQUE (3) BOÎTIER ENCASTRÉ

E = INSURE PROPER VENTILATION BY MAINTAINING 6" (152 mm) (MIN.) CLEARANCE FROM CABINET LOUVERS TO WALL

PARA GARANTIZAR LA VENTILACIÓN ADECUADA, MANTENGA 152 mm (6") (MIN.) DE SEPARACIÓN DESDE LAS REJILLAS DEL GABINETE HASTA LA PARED. POUR ASSURER UNE AÉRATION SUFFISANTE, PRÉVOYON UN DÉGAGEMENT DE 152 mm (6 PO) (MIN.) ENTRE LES ÉVÉNEMENTS DE L'ENCEINTE ET LE MUR.

F = 7/16 BOLT HOLES FOR FASTENING UNIT TO WALL

ORIFICIOS PARA PERNOS DE 7/16. PARA FIJAR LA UNIDAD A LA PARED

TROUS DE VIS DE 7/16 PO POUR LA FIXATION DE L'APPAREIL AU MUR

***NEW INSTALLATIONS MUST USE GROUND FAULT CIRCUIT INTERRUPTER (GFCI)**

*Las nuevas instalaciones deben usar un interruptor de circuito de falla a tierra (GFCI, por sus siglas en inglés)

*Les nouvelles installations doivent comporter un disjoncteur différentiel (GFCI)

NOTE: It is highly recommended that the circuit be dedicated and the load protection be sized for 20 amps.

NOTA: Es muy recomendable que el circuito esté dedicado y que la protección de carga tenga un tamaño de 20 amperios.

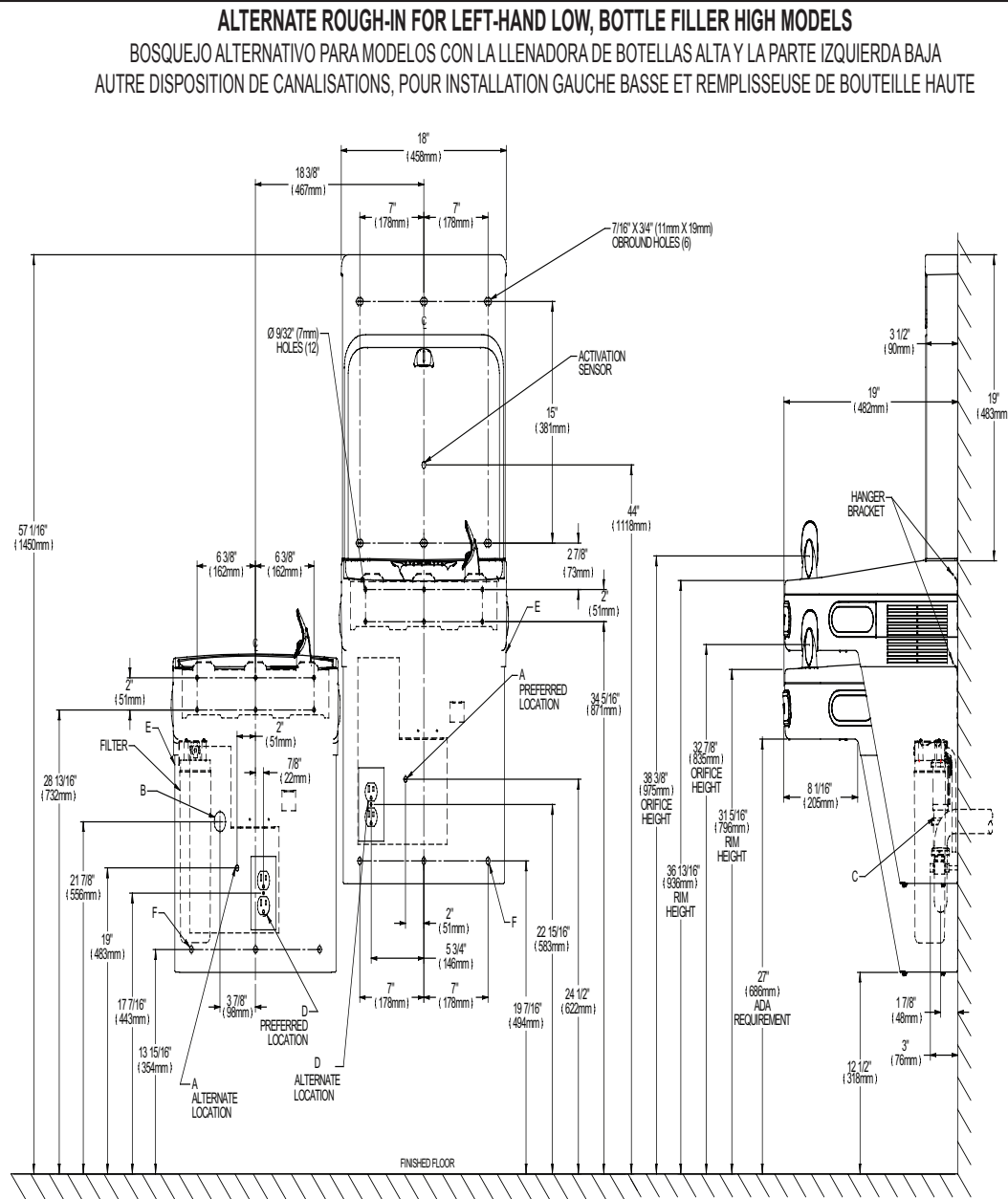
REMARQUE: Il est fortement recommandé de dédier le circuit et de dimensionner la protection de charge à 20 ampères.

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Page 4

FIG. 3



REDUCE HEIGHT BY 3 INCHES FOR INSTALLATION OF CHILDREN'S ADA COOLER

Reduzca la altura en 76 mm (3 in) para la instalación del bebedero con clasificación ADA para niños
Réduire la hauteur de 76 mm (3 po) pour les installations à la norme ADA enfants

LEGEND/LEYENDA/LÉGENDE

- A = RECOMMENDED WATER SUPPLY LOCATION 3/8 O.D. UNPLATED COPPER TUBE CONNECT STUB WITH SHUT OFF (BY OTHERS) 3 IN. (76mm) MAXIMUM OUT FROM WALL. MAXIMUM WATER SUPPLY PRESSURE: 105 PSI (0.73 MPa)**
UBICACIÓN RECOMENDADA DEL SUMINISTRO DE AGUA. TUBERÍA DE COBRE SIN REVESTIMIENTO DE 3/8\"/>

**B = RECOMMENDED LOCATION FOR WASTE OUTLET 1-1/2\"/>

C = 1-1/2\"/>**

LEGEND/LEYENDA/LÉGENDE

- D = ELECTRICAL SUPPLY (3) WIRE RECESSED BOX DUPLEX OUTLET****
SUMINISTRO ELÉCTRICO (3) CAJA ENCHUFE DE ALAMBRE SALIDA DÚPLEX
ALIMENTATION ÉLECTRIQUE (3) BOÎTIER ENCASTRÉ
- E = INSURE PROPER VENTILATION BY MAINTAINING 6\"/>

F = 7/16\"/>**

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ALTERNATE ROUGH-IN FOR RIGHT-HAND LOW, BOTTLE FILLER HIGH MODELS - REQUIRES BASIN ASSY CHANGE
 BOSQUEJO ALTERNATIVO PARA MODELOS CON LA LLENADORA DE BOTELLAS ALTA Y LA PARTE DERECHA BAJA: REQUIERE CAMBIAR EL CONJUNTO DE TARJA
 AUTRE DISPOSITION DE CANALISATIONS, POUR INSTALLATION DROITE BASSE ET REMPLISSEUSE DE BOUTEILLE HAUTE - MODIFICATION DE LA FONTAINE REQUISE

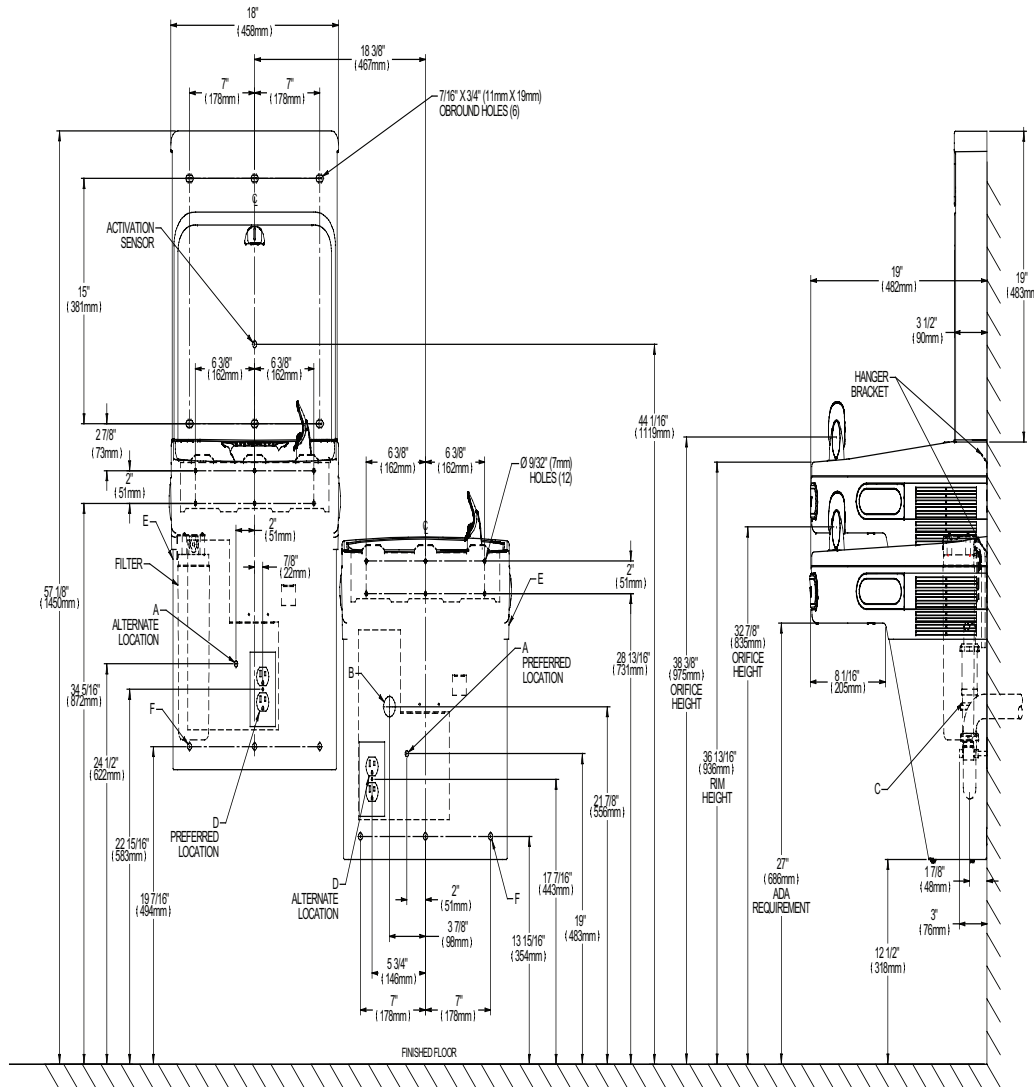


FIG. 4

REDUCE HEIGHT BY 3 INCHES FOR INSTALLATION OF CHILDREN'S ADA COOLER
 Reduzca la altura en 76 mm (3 in) para la instalación del bebedero con clasificación ADA para niños
 Réduire la hauteur de 76 mm (3 po) pour les installations à la norme ADA enfants

LEGEND/LEYENDA/LÉGENDE

- A = RECOMMENDED WATER SUPPLY LOCATION 3/8 O.D. UNPLATED COPPER TUBE CONNECT STUB WITH SHUT OFF (BY OTHERS) 3 IN. (76mm) MAXIMUM OUT FROM WALL. MAXIMUM WATER SUPPLY PRESSURE: 105 PSI (0.73 MPa)**
 UBICACIÓN RECOMENDADA DEL SUMINISTRO DE AGUA. TUBERÍA DE COBRE SIN REVESTIMIENTO DE 3/8" DE DIÁM. EXT. ADAPTADOR DE CONEXIÓN CON VÁLVULA DE CIERRE (DE TERCEROS) MÁXIMO A 76 mm (3") DE LA PARED. PRESIÓN MÁXIMA DE SUMINISTRO DE AGUA: 105 PSI (0.73 MPa)
 EMPLACEMENT RECOMMANDÉ DE L'ARRIVÉE D'EAU. TUBE EN COUVRE NON PLAQUÉ DE 3/8 PO DE DIA. EXT. RACCORDER À LA CONDUITE D'ALIMENTATION AVEC UN ROBINET D'ARRÊT (NON FOURNI) À 76 mm (3 PO) MAXIMUM DU MUR. PRESSION MAXIMALE D'ALIMENTATION EN EAU: 105 PSI (0.73 MPa)
- B = RECOMMENDED LOCATION FOR WASTE OUTLET 1-1/2" O.D. DRAIN STUB 2 IN. OUT FROM WALL**
 UBICACIÓN RECOMENDADA DE LA SALIDA DE DESECHOS. ADAPTADOR DE DESAGÜE DE 1-1/2" DE DIÁM. EXT. A 51 mm (2") DE LA PARED.
 EMPLACEMENT RECOMMANDÉ DE LA SORTIE D'ÉCOULEMENT. CONDUITE D'ÉVACUATION DE 1-1/2 PO DE DIA. EXT. DÉPASSANT DE 51 mm (2 PO) HORS DU MUR
- C = 1-1/2" TRAP NOT FURNISHED**
 NO SE INCLUYE SIFÓN DE 1-1/2"
 SIPHON DE 1-1/2 PO NON FOURNI

LEGEND/LEYENDA/LÉGENDE

- D = ELECTRICAL SUPPLY (3) WIRE RECESSED BOX DUPLEX OUTLET****
 SUMINISTRO ELÉCTRICO (3) CAJA ENCHUFE DE ALAMBRE SALIDA DÚPLEX
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 PARA GARANTIZAR LA VENTILACIÓN ADECUADA, MANTENGA 152 mm (6") (MIN.) DE SEPARACIÓN DESDE LAS REJILLAS DEL GABINETE HASTA LA PARED.
 POUR ASSURER UNE AÉRATION SUFFISANTE, PRÉVOIR UN DÉGAGEMENT DE 152 mm (6 PO) (MIN.) ENTRE LES ÉVÉNEMENTS DE L'ENCEINTE ET LE MUR.
- F = 7/16 BOLT HOLES FOR FASTENING UNIT TO WALL**
 ORIFICIOS PARA PERNOS DE 7/16, PARA FIJAR LA UNIDAD A LA PARED
 TROUS DE VIS DE 7/16 PO POUR LA FIXATION DE L'APPAREIL AU MUR
- **NEW INSTALLATIONS MUST USE GROUND FAULT CIRCUIT INTERRUPTER (GFCI)**
 **Las nuevas instalaciones deben usar un interruptor de circuito de falla a tierra (GFCI)
 **Les nouvelles installations doivent comporter un disjoncteur différentiel (GFCI)

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ENKLZSTL8WS_1A

HANGER BRACKETS INSTALLATION

- 1) Remove hanger bracket fastened to back of coolers by removing one (1) screw.
- 2) Determine your mounting configuration from the figures shown on pages 2 - 5. Refrigeration unit must be on right hand side.

IMPORTANT NOTE: If the Bottle Filler is to be mounted on the left hand cooler, a basin assembly change will be needed.

Determine your configuration by referring to the Configuration Instructions on page 9 prior to continuing.

- 3) Mount the hanger bracket as shown in Figures 1 - 4 (Pages 2 - 5).

NOTE: Hanger Bracket MUST be supported securely. Add fixture support carrier if wall will not provide adequate support. Anchor hanger securely to wall using all six (6) 1/4 in. dia. mountin holes.

IMPORTANT: 5-7/8 in. (150 mm) dimension from wall to centerline of trap must be maintained for proper fit.

FIG. 5



INSTALLATION OF COOLER

- 4) Remove the four (4) screws holding the lower front panel at the bottom of each cooler. Remove front panel by pulling straight down and set aside. (Fig. 5)
- 5) Hang only the refrigerated cooler on the hanger bracket. Be certain hanger bracket is properly in the slots on the cooler backs as shown in Figures 1 (Pg. 2), 2 (Pg.3), 3 (Pg. 4), and (Fig. 4, Pg. 5).
- 6) Hang the non-refrigerated cooler on the hanger bracket. Be certain hanger bracket is engaged properly in the slots on the cooler backs as shown in Figures 1, (Pg. 2), 2 (Pg. 3), 3 (Pg. 4), and 4 (Pg. 5).
- 7) Unband the loose wires in the refrigerated cooler for the NFC board. Stretch it out and thread through the left side of the refrigerated cooler and into the right side of the non-refrigerated cooler. Plug into the NFC board that is behind the filter head.

- 8) Secure each cooler frame to wall by installing (2) screws and washers (not supplied). See pictures below.

Make sure the screws engage in a structural member.

FIG. 6

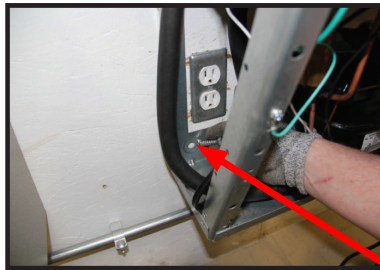
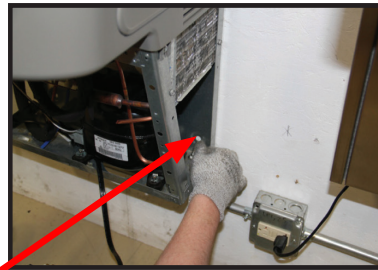


FIG. 7



- 9) Connect the supply water to the filter 3/8" copper inlet tube.
- 10) Connect the waterline from the outlet of the filter to the inlet of the evaporator in the refrigerated cooler by inserting it into the quick connector.
- 11) Connect the waterline from the solenoid in the non-refrigerated cooler to the open 1/4" inch tee fitting in the refrigerated cooler.
- 12) Find your cooler configuration on page 11 and connect the drain assembly together.
- 13) Install trap. Remove the slip nut and gasket from the trap and install them on the cooler waste line making sure that the end of the waste line fits into the trap. Assemble the slip nut and gasket to the trap and tighten securely.

IMPORTANT: If it is necessary to cut the drain, loosen the screw at the black rubber boot and remove tube, check for leaks after re-assembly.

ENKLZSTL8WS_1A

BOTTLE FILLER INSTALLATION

- 14) Remove two (2) mounting screws with 5/32" Allen wrench holding Bottle Filler to wall mounting plate (See Fig. 8). Note do not discard mounting screws, they will be needed to secure Bottle Filler to wall mounting plate.
- 15) Remove wall mounting plate from Bottle Filler (See Fig. 8). Place wall mounting plate against wall on top of basin. Center the wall mounting plate side to side with the basin. Mark the six (6) mounting holes with a pencil (See Fig. 1, Pg. 2). Place tape over wiring harness connection on top of cooler to prevent debris from falling into Connection (See Fig. 6, Pg. 6).
- 16) Remove wall mounting plate from wall. **NOTE:** Mounting plate **MUST** be supported securely. Add fixture support carrier if wall will not provide adequate support.
- 17) Install wall mounting plate to wall using six (6) 7/16" obround mounting holes (mounting bolts not included) (See Fig. 7, Pg. 6). Use appropriate fasteners for your wall type.
- 18) Install gasket on bottom of Bottle Filler with gasket support bracket & (2) screws. (See Fig. 8).

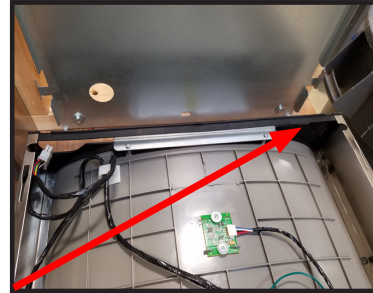
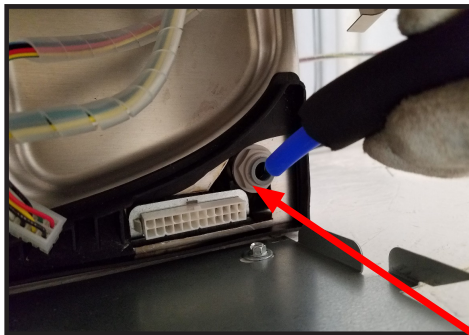


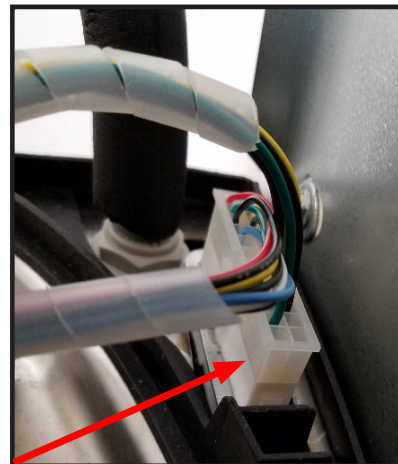
FIG. 8

- 19) Route 3/8" tubing through the opening in the bottle filler gasket and plug into bulkhead fitting in basin. Route the wiring harness through the gasket and plug into the connector on the top of the basin.
- 20) Place Bottle Filler on the four (4) hooks on the mounting plate installed on wall.



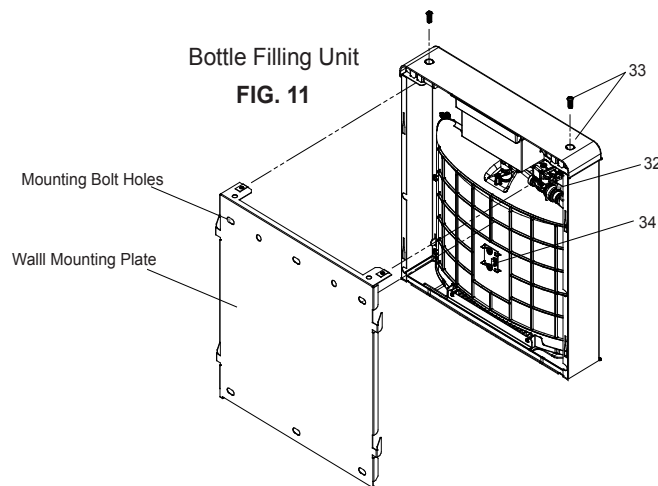
Gasket removed from bottle filler for clarity.

Fig. 9



Gasket removed from bottle filler for clarity.

Fig. 10



ENKLZSTL8WS_1A

FINAL INSTALLATION (FILTER)

- 21) Remove filter from carton, remove protective cap, attach filter to filter head by firmly inserting into head and rotating filter clockwise. Ensure that filter label can be read when filter is installed. (See Fig. 12)
- 22) Turn water supply on and inspect for leaks. In both cooler and Bottle Filler. Fix all leaks before continuing.
- 23) Once cooler and bottle filter have been inspected for leaks and any leaks corrected, plug cooler into wall.
- 24) Reinstall two mounting screws from first step above. Caution do not over tighten screws.
- 25) Once power is applied to the cooler the GREEN LED light will illuminate on the bottle filler showing good filter status along with the LCD Bottle Counter.
- 26) Verify proper dispensing by placing cup, hand, or any opaque object in front of sensor area and verify that the water dispenses. Note: the first initial dispenses might have air in line which may cause a sputter. This will be eliminated when all air is purged from the line.
- 27) Once unit tests out, install Lower Panels back on water coolers. (See pages 12-13 for versatile wrapper installation). Units are now ready for use.

FIG. 12



Filter Label
Location

Back of Filter

Note: Danger! Electrical shock hazard. Disconnect power before servicing unit.

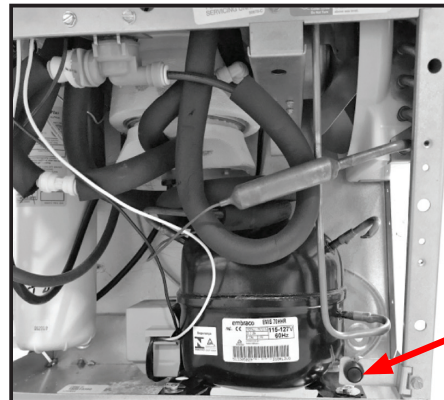
INSTRUCTIONS FOR REPLACING FILTERS

- 1) Remove lower cover on left hand unit by removing (4) screws (See Fig. 5, Pg. 6).
- 2) Turn off water supply; dispense water to relieve pressure.
- 3) Disconnect electrical power by unplugging unit's two power cords.
- 4) Turn used filter counterclockwise 1/4 turn to remove from filter head.
- 5) Remove cap from new filter and use to seal used filter.
- 6) Insert new filter into existing filter head and turn fully clockwise. Make sure you can read the label on the front of the filter once it is installed. (See Fig. 22 on Pg.15).
- 7) Connect electrical power by plugging in unit's two power cords.
- 8) Turn on water supply and run a minimum of two gallons of water through the filter to purge air any fine carbon particles from filter. Also run water through bottle filler.

Note: Filter status light will automatically reset once new filter is installed.

INSTRUCTIONS TO ACCESS PROGRAMMING BUTTON

- 1) Remove lower cover on refrigerated unit by removing (4) screws.
- 2) Button is located in lower right corner of unit (See Fig. 13).



Programming
Button

FIG. 13

ENKLZSTL8WS_1A

CONFIGURATION INSTRUCTIONS

INSTRUCTIONS TO MOVE THE BOTTLE FILLER & BASIN TO THE LEFT SIDE (NON-REFRIGERATED) FOR ALTERNATE MOUNTING VERSATILE BI-LEVEL

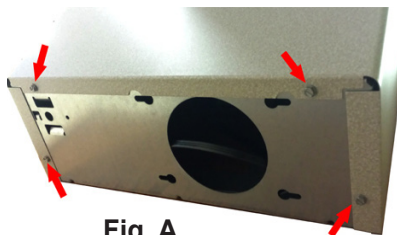


Fig. A

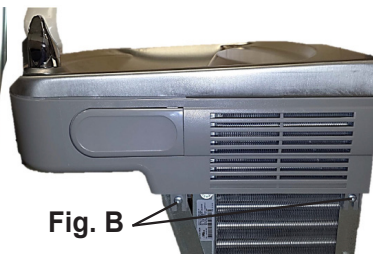


Fig. B

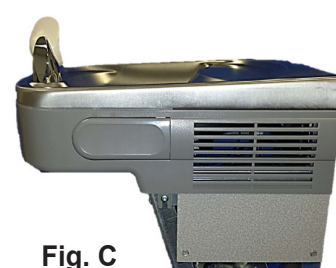


Fig. C

1. Using a 5/16" socket, remove the (4) screws from the bottom of each cooler to remove the wrappers.
2. Remove filler panel from cooler using a 5/16" socket.
3. Using a T20 (6-point star) bit, loosen the shroud screws on both sides of both coolers.
4. Lift the basin/shroud assembly from each cooler. Disconnect the water line from the solenoid and the shroud wires from the wiring harness and solenoid. Set aside.
5. Unfasten the electrical harness connector from the electrical bracket. Using a T20 (6-point star) bit, remove the electrical bracket from the mounting bracket. Snap the electrical harness connector into the cutout of the mounting bracket with the connector facing down. (See Fig 14.)
6. Install the electrical bracket on the filter bracket of the non-refrigerated cooler by removing the two screws towards the front of the cooler and reinstalling them through the bracket. Attach the female end of the bi-level extension into the electrical bracket.
7. Only move the filler panel and J-clip to the refrigerated (right) cooler if the right side will be mounted high.
8. Install the non-bottle filler basin on the refrigerated cooler. Connect the water line to the solenoid and the electrical connections to the wiring harness and solenoid. Tighten the (4) T20 screws.
9. Mount the refrigerated cooler on the right-hand hanger bracket. Secure to wall.
10. Install the bottle filler basin on the non-refrigerated cooler. Connect the water line to the solenoid and the electrical connections to the wiring harness and solenoid. Be certain the electrical connector is protruding through the cutout in the top of the basin. Tighten the (4) T20 screws.
11. Mount the non-refrigerated cooler on the left-hand hanger bracket. Secure to wall.
12. Route the bi-level extension through the coolers and connect to the refrigerated electrical harness mounted in the mounting bracket (See Figs. 15 & 16).
13. Hook up the drains using the attached drain kit.
14. Make all water and electrical connections.
15. Reinstall wrappers using (4) screws for each wrapper.

ONLY move the filler panel and j-clip to the refrigerated (right) side if right side will be mounted "high"



FIG. 14



FIG. 15



FIG. 16

ENKLZSTL8WS_1A

Refrigerated Cooler side:

Carefully lift and tip the shroud/basin assembly off the cooler frame.

Only disconnect the (2) black wires coming from the shroud assembly that go to the solenoid valve and to the cold control.

Disconnect the water line at the solenoid valve. Reference (See Fig. 20, Pg.14) for the operation of the quick connect fittings.

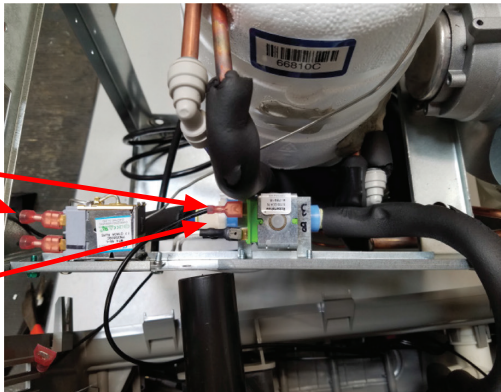


FIG.17

Non-Refrigerated Cooler side:

Carefully tip the shroud/basin assembly toward the cooler frame.

Connect one of the black wires to the solenoid valve and one to the power cord.

Re-connect the water line at the solenoid. Reference (See Fig. 20, Pg.14) for the operation of the quick connect fittings.

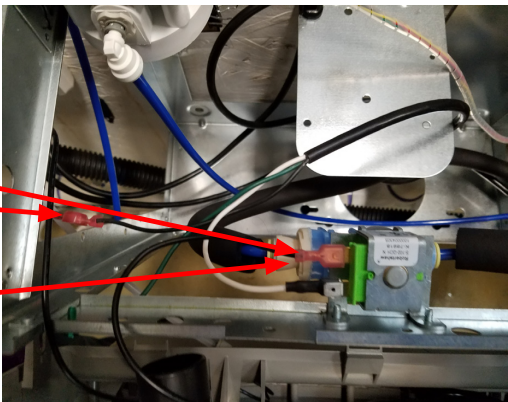


FIG.18

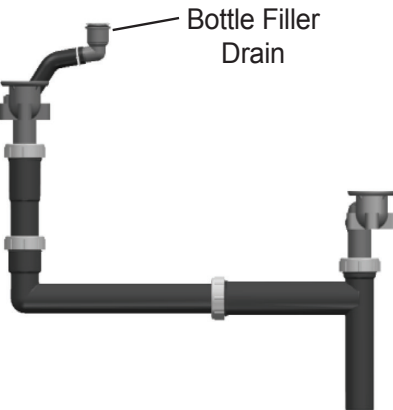
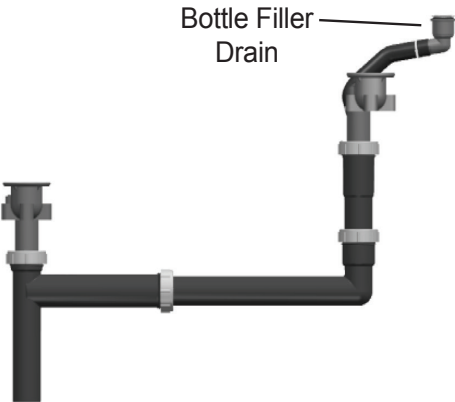
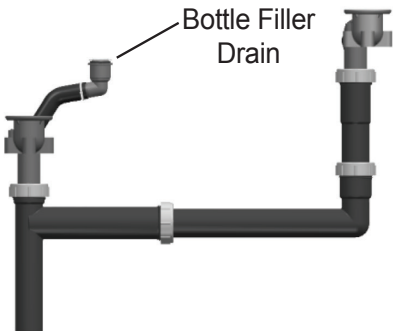
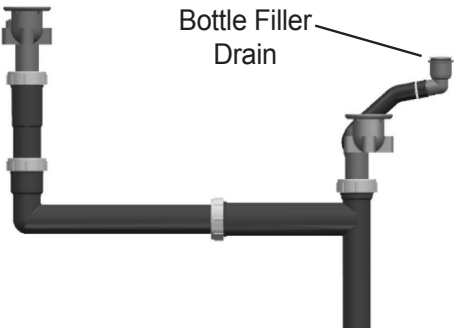
Swap drain parts in shroud: Loosen each hose clamp retaining the drain pieces. Remove each drain piece and swap to other basin. Tighten each hose clamp.

Enhanced EZH2O Error Codes

Error Code	Error Description	Corrective Action
	Please clear Bottle Filler	• Remove obstruction • Clean lens on IR sensor • Unplug unit for at least 30 seconds and restart • If error repeats, replace IR sensor
E013	Missing or Incomplatible Filter	• Check that filter is installed correctly (label facing forward, round blue tag facing NFC Board) • Unplug unit for at least 30 seconds and restart • Replace filter • Replace filter head assembly with repair kit • If error repeats, contact certified service professional
EO13 & EO14	Missing/Unplugged NFC Board	• Unplug unit for at least 30 seconds and restart • Verify cable connector is plugged into NFC board on filter head assembly • Replace filter head assembly with repair kit • If error repeats, contact certified service professional

ENKLZSTL8WS_1A

PLUMBING DIAGRAMS
VERSATILE BI-LEVEL



ENKLZSTL8WS_1A

Versatile Wrapper and Trim Kit Installation Instructions

Left Hand Wrapper (High Side)

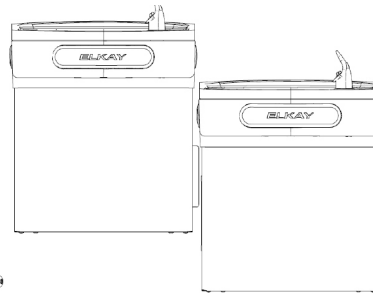
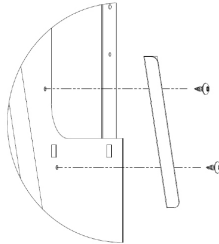
- 1) Remove existing wrapper by removing the (4) screws from bottom.
- 2) Screw trim piece to wrapper with (2) screws (provided)
- 3) Re-install wrapper with (4) screws.
- 4) Dispose of unused cover plate.

Revestimiento del lado izquierdo (Lado alto)

- 1) Retire los (4) tornillos de la parte inferior para retirar el revestimiento existente.
- 2) Atornille la pieza de acabado al revestimiento con los (2) tornillos (proporcionados)
- 3) Vuelva a instalar el revestimiento con los (4) tornillos.
- 4) Deseche la placa de la cubierta que no usa.

Enveloppe gauche (côté haut)

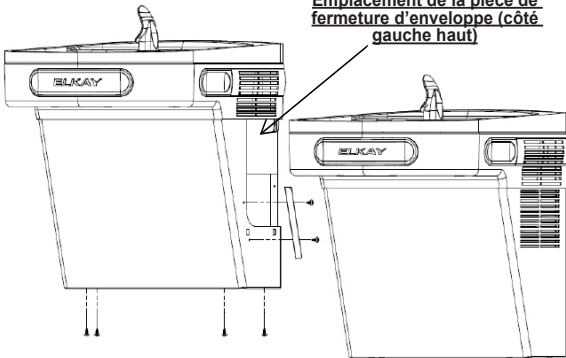
- 1) Retirer les quatre (4) vis du dessous pour déposer l'enveloppe existante.
- 2) Visser la pièce de garniture à l'enveloppe avec deux (2) vis (fournies)
- 3) Remonter l'enveloppe avec quatre (4) vis.
- 4) Jeter la plaque de fermeture inutilisée.



Wrapper Fill Piece Location (Left Side High)

Ubicación de la pieza de llenado del recubrimiento (lado izquierdo alto)

Emplacement de la pièce de fermeture d'enveloppe (côté gauche haut)



Right Hand Wrapper (Low Side)

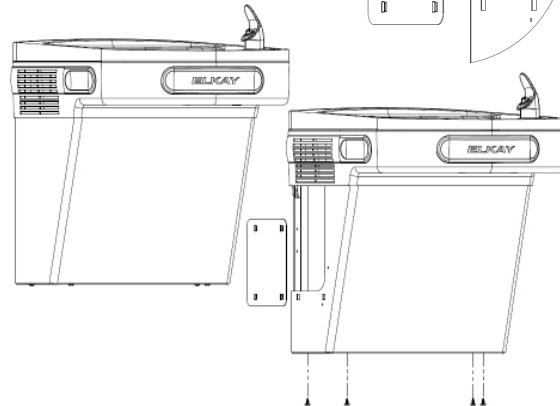
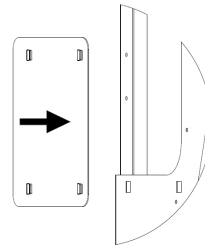
- 1) Remove existing wrapper by removing the (4) screws from bottom.
- 2) Clip cover plate, sliding until plate sits flush with the wall.
- 3) Re-install wrapper with (4) screws.
- 4) Dispose of unused trim piece.

Revestimiento del lado derecho (Lado bajo)

- 1) Retire los (4) tornillos de la parte inferior para retirar el revestimiento existente.
- 2) Sujete la placa de la cubierta, deslizándola hasta que quede alineada con la pared.
- 3) Vuelva a instalar el revestimiento con los (4) tornillos.
- 4) Deseche la pieza de acabado que no usa.

Enveloppe droite (côté gauche)

- 1) Retirer les quatre (4) vis du dessous pour déposer l'enveloppe existante.
- 2) Encliquer la plaque de fermeture, en la glissant jusqu'au ras du mur.
- 3) Remonter l'enveloppe avec quatre (4) vis.
- 4) Jeter la pièce de garniture inutilisée.



ENKLZSTL8WS_1A

Versatile Wrapper and Trim Kit Installation Instructions continued. . .

Instrucciones de instalación versátiles de la envoltura y del juego de molduras continuadas. . .

Instructions d'installation du kit d'emballage et de garniture polyvalentes (suite). . .

Left Hand Wrapper (Low Side)

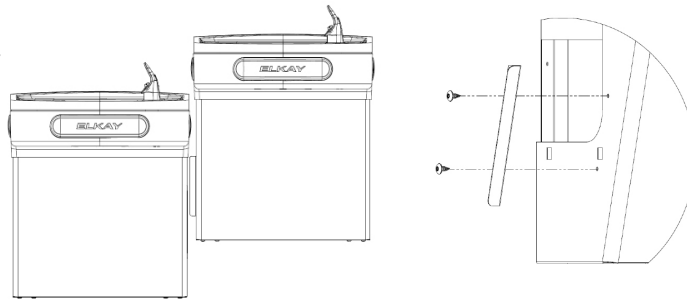
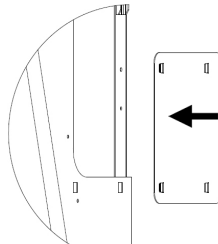
- 1) Remove existing wrapper by removing the (4) screws from bottom.
- 2) Clip cover plate, sliding until plate sits flush with the wall.
- 3) Re-install wrapper with (4) screws.
- 4) Dispose of unused trim piece.

Revestimiento del lado izquierdo (Lado bajo)

- 1) Retire los (4) tornillos de la parte inferior para retirar el revestimiento existente.
- 2) Sujete la placa de la cubierta, deslizándola hasta que quede alineada con la pared.
- 3) Vuelva a instalar el revestimiento con los (4) tornillos.
- 4) Deseche la pieza de acabado que no usa.

Enveloppe gauche (côté bas)

- 1) Retirer les quatre (4) vis du dessous pour déposer l'enveloppe existante.
- 2) Encliquer la plaque de fermeture, en la glissant jusqu'au ras du mur.
- 3) Remonter l'enveloppe avec quatre (4) vis.
- 4) Jeter la pièce de garniture inutilisée.



Right Hand Wrapper (High Side)

- 1) Remove existing wrapper by removing the (4) screws from bottom.
- 2) Screw trim piece to wrapper with (2) screws (provided)
- 3) Re-install wrapper with (4) screws.
- 4) Dispose of unused cover plate.

Revestimiento del lado derecho (Lado alto)

- 1) Retire los (4) tornillos de la parte inferior para retirar el revestimiento existente.
- 2) Atornille la pieza de acabado al revestimiento con los (2) tornillos (proporcionados)
- 3) Vuelva a instalar el revestimiento con los (4) tornillos.
- 4) Deseche la placa de la cubierta que no usa.

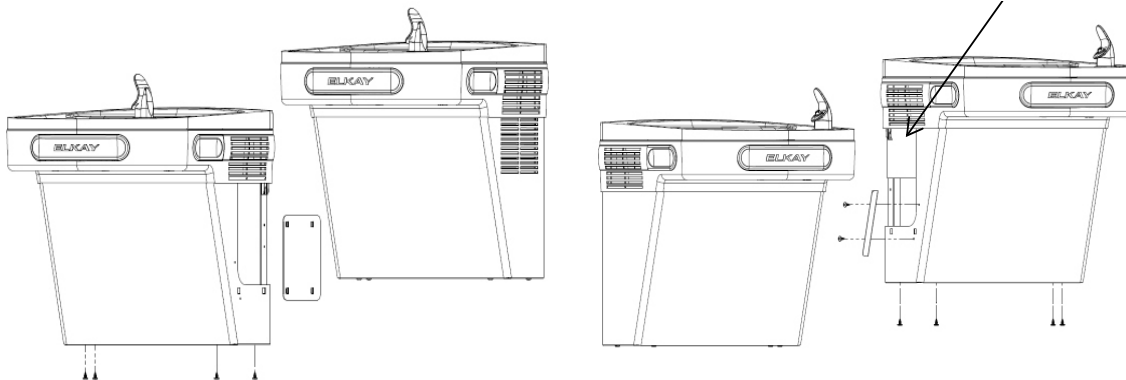
Enveloppe droite (côté haut)

- 1) Retirer les quatre (4) vis du dessous pour déposer l'enveloppe existante.
- 2) Visser la pièce de garniture à l'enveloppe avec deux (2) vis (fournies)
- 3) Remonter l'enveloppe avec quatre (4) vis.
- 4) Jeter la plaque de fermeture inutilisée.

Wrapper Fill Piece Location (Right Side High)

Ubicación de la pieza de llenado del recubrimiento (lado derecho alto)

Emplacement de la pièce de fermeture d'enveloppe (côté droit haut)



ENKLZSTL8WS_1A

115V Refrigerated Wiring Diagram
with Alpha/Numeric Display

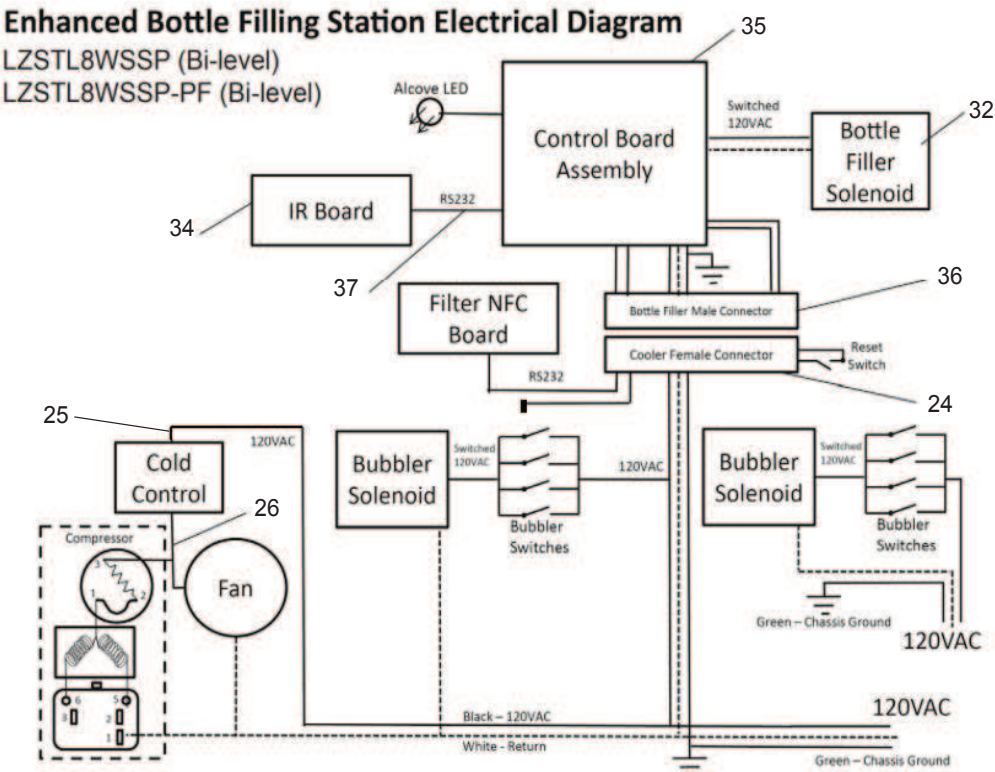


Fig. 19

⚠ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** of **CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.

OPERATION OF QUICK CONNECT FITTINGS

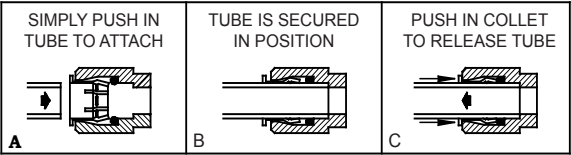


Fig. 20

ENKLZSTL8WS_1A

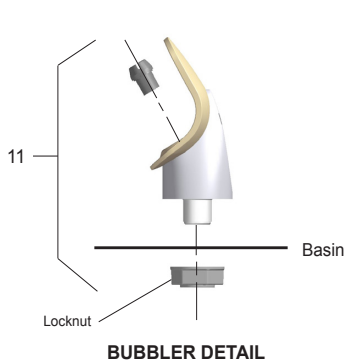


Fig. 21

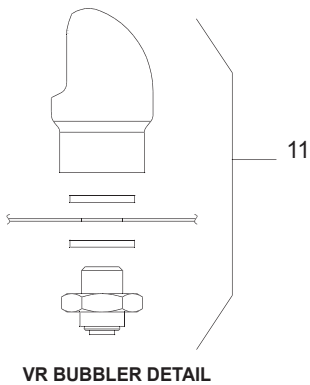


Fig. 22

NOTE:
When installing replacement bubbler and pedestal, tighten nut only to hold parts snug in position. Do Not Overtighten.

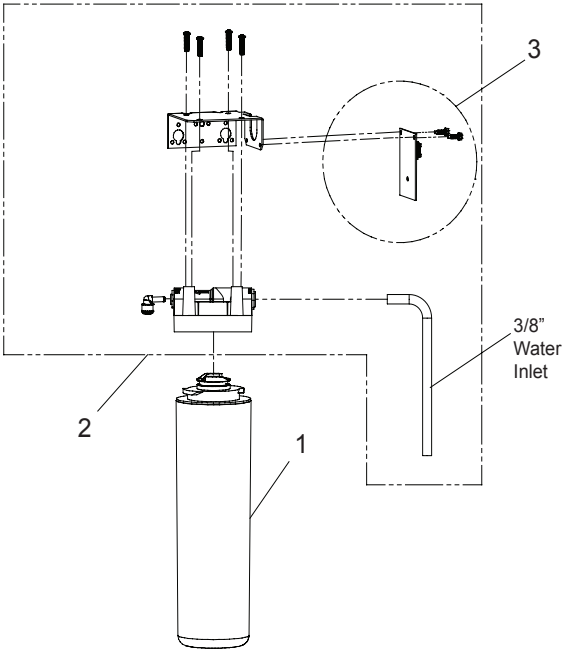


Fig. 23

WATERSENTRY® Filter Detail

WATERSENTRY® FILTER PARTS LIST		
ITEM NO.	PART NO.	DESCRIPTION
1	51300C	Filter Assy - 3000 Gal.
2	1000005214	Kit - Filter Head Fittings includes John Guest Fittings & 3/8" Elbow
3	1000004409	Filter Bracket/Screws Kit - NFC Board/Cover

ENKLZSTL8WS_1A

Service Instructions

Lower and Upper Shroud

To access the refrigeration system and plumbing connections, remove four screws from bottom of cooler to remove the lower shroud. To remove the upper shroud for access to the pushbars, regulator, solenoid valve or other components located in the top of the unit, remove lower shroud, disconnect drain, remove four screws from tabs along lower edge of upper shroud, unplug two wires and water tube.

Bubbler

To remove the bubbler, first disconnect the power supply. The underside of the bubbler can be reached through the access panel on the underside of the upper shroud. Remove the access panel by removing the retaining screw. To remove the bubbler, loosen locknut from the underside of the bubbler and remove the tubing from the quick connect fitting per the Operation Of Quick Connect Fittings section in the General Instructions. After servicing, replace the access panel and retaining screw.

Switches Behind the Push Bar

The regulator in an EZ cooler is always held fully open by the use of a single regulator nut. Water is not dispensed until the pushbar is depressed to activate a switch which then opens a solenoid valve.

To remove sidebars, from the inside compress the flared tabs and pull out carefully. To reinstall side pushbars, the front of the pushbar is inserted first. While keeping the switch depressed, snap the rear of the pushbar into position.

Cleaning

Stainless Steel

- General cleaning: use an ordinary mild detergent and soft cloth, rinse and towel dry.
- Steel soap pads should never be used; particles can adhere to a stainless steel basin surface and will eventually rust.
- Light scratches are normal for stainless steel basins; over time they will blend into the uniform finish pattern.

Plastic Components

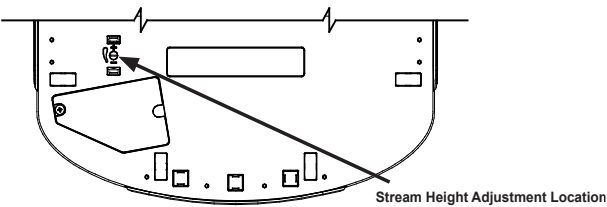
- General cleaning: use an ordinary mild detergent and soft cloth, rinse and towel dry.
- Wiping the surface clean to remove debris or build up will not hurt the antimicrobial properties.

Temperature Control

- Factory set at 50°F (+/- 5°F) under normal conditions. For temperature adjustments, refer to sticker on left side of top bar.

Stream Height Adjustment

VIEW OF UNDERSIDE OF BASIN SHROUD



Refrigerated Unit

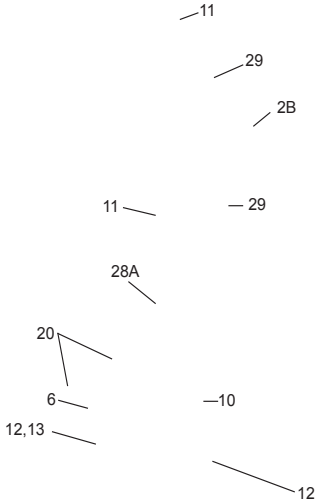


Fig. 24

Non-Refrigerated Unit

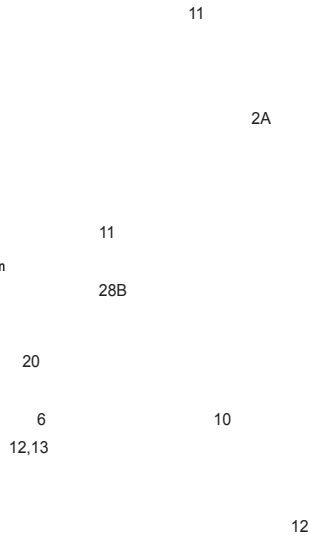


Fig. 25

Programming Instruction

Depress Button for 3 seconds to activate main menu - release

Cycles thru main menu items 2 seconds each for 2 cycles then exits menu unless selected

Cycles thru sub menu items 2 seconds each for 2 cycles then returns to main menu unless selected

Selections are saved when the menu is exited

Top level	Action	Sub Menu 1	Action	Sub Menu/action	Action	Sub Menu/action	Action	Sub Menu/action	Notes	End Action
Info	Momentary	Scrolls through all the settings on unit								Returns to Main Menu
Info	Momentary	Flashes error code								Returns to Main Menu
Set time	Momentary									Drops to next level when selected
		Day (Sunday-Saturday)	Momentary						Use push button to select the day on the display	Drops to next level when selected
		AM/PM	Momentary						Use push button to select AM or PM	Drops to next level when selected
		Hour (12 hour)	Momentary						Use push button to select Hour	Drops to next level when selected
		Min 0-69 in 5 minute increments	Momentary						Use push button to select closest minute	Returns to Main Menu
Filter	Momentary									Drops to next level when selected
		No	Momentary	Turn off filter status and errors					No Filter unit - Error codes related to filter status turned off	Returns to Main Menu
		Yes	Momentary	Default setting - Turn on filter status and errors					Filter status has default ON / Default has read write to filter, LED status display, filter error capability	Returns to Main Menu
Range	Momentary								The lower the number, the closer to the sensor the bottle needs to be to activate	Drops to next level when selected
		1-10	Momentary	Default setting 5 - Adjusts distance from sensor the bottle needs to be before turning before turning on or off the bottle filler						Returns to Main Menu
B-Light	Momentary								The settings are for the brightness of the display and night light	Drops to next level when selected
		25%	Momentary							Returns to Main Menu
		50%	Momentary							Returns to Main Menu
		75%	Momentary	Default Setting						Returns to Main Menu
		100%	Momentary							Returns to Main Menu

ENKLZSTL8WS_1A

ENKLZSTL8WS_1A

Pictured is unit only without bottle filler.

Note: Danger! Electrical shock hazard. Disconnect power before servicing unit.

Uses HFC-134A refrigerant
Usa refrigerante HFC-134A
Utilise du fluide frigorigène HFC-134A

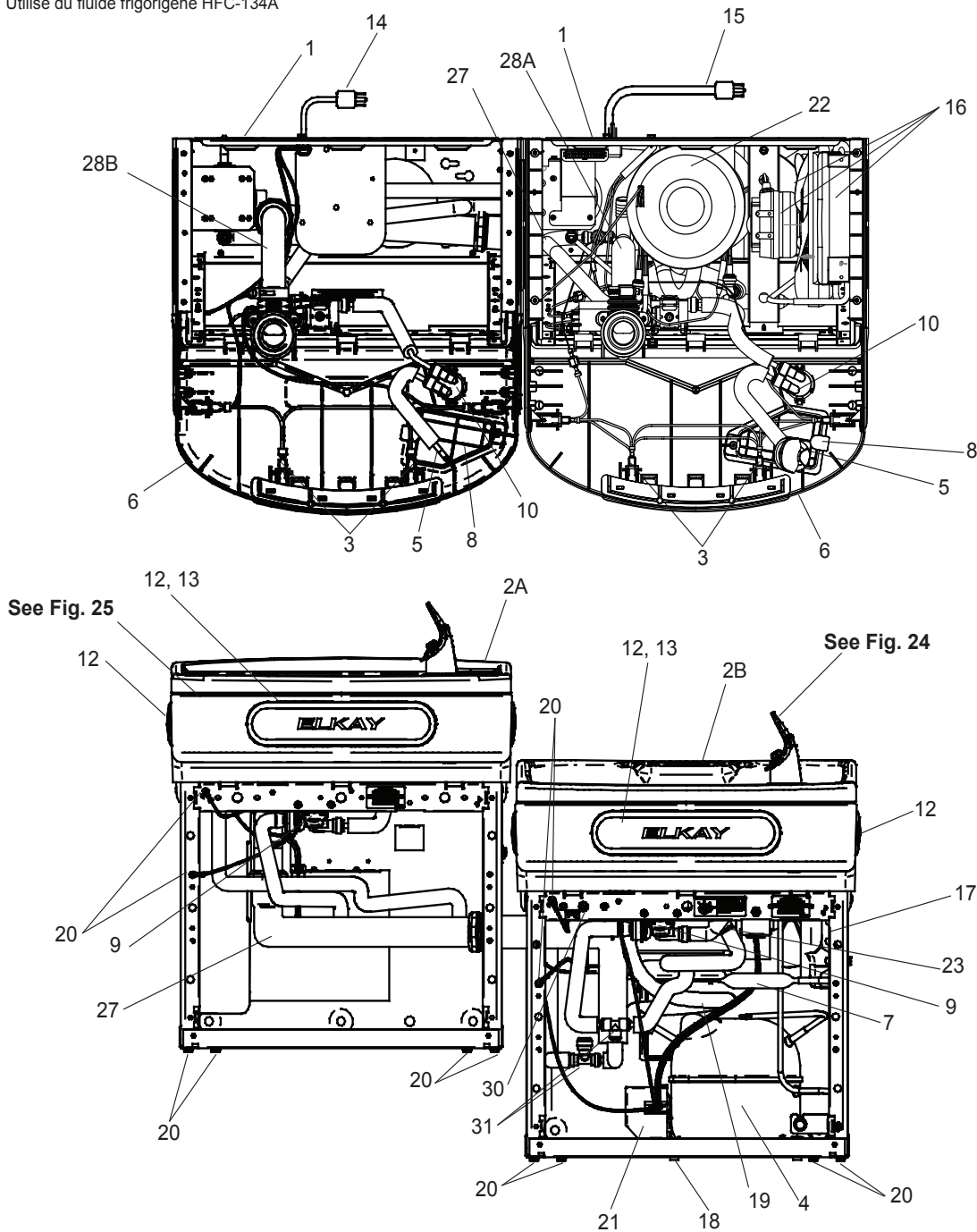


Fig. 26

ENKLZSTL8WS_1A

ATTENTION:

If the product serial number is before 190424189, please refer to archived documents section of Elkay.com for the most accurate parts list. (www.elkay.com/archived-documents)

115V PARTS LIST / LISTA DE PIEZAS DE 115 V / LISTE DES PIÈCES 115 V

ITEM NO.	PART NO.	DESCRIPTION	DESCRIPCIÓN	DESCRIPTION
1	28401C	Hanger Bracket	Soporte colgante	Ferrure de suspension
2A	55001109	Basin - Stainless Steel	Tarja: Acero inoxidable	Cuve - Acier inoxydable
2B	0000001337	Basin - Bottle Filler Stainless Steel	Tarja: Llenadora de botellas de acero inoxidable	Cuve - Remplisseuse de bouteille en acier inoxydable
3	36216C	Wiring - Front/Side Push Bar	Cableado: Barra de empuje delantera y lateral	Câblage - Poussoir frontal/lateral
*4	36322C	Compr - Service Pak 115V EMIS70HHR	Compresor: Paquete de servicio de 115 V EMIS70HHR	Compr - Ens. service 115 V EMIS70HHR
5	56092C	Tube - Poly (Cut To Length)	Tubería: Polietileno (corte a la longitud necesaria)	Tube - Poly (couper à la longueur)
6	56229C	Assy - Shroud - Upper (Front Side Push)	Conjunto: recubrimiento; superior (Empuje delantero y lateral)	Carénage supérieur (poussoir frontal/lateral)
7	66703C	Drier	Secador	Déshydrateur
8	56213C	Access Panel	Panel de acceso	Panneau d'accès
9	1000004572	Kit - Solenoid Valve/Regulator Assembly	Kit - Conjunto de válvula solenoide / regulador	Kit - Assemblage électrovanne / régulateur
10	1000004564	Kit - Regulator W/Holder & Nut	Kit regulador con soporte y tuerca	Kit régulateur avec support et écrou
11	56073C	Replacement Bubbler Assy	Conjunto de burbujas de repuesto	Asss de remplacement Bubbler
	97446C	Kit - Vandal Resistant Bubbler	Barboteur résistant au vandalisme	Burbujeador resistente al vandalismo
12	98734C	Kit - Pushbar (Front/Side) TL	Kit: Barra de empuje (Delantera y lateral) TL	Trousse - Poussoir (frontal/lateral) TL
13	1000001600	Kit - Pushbar (Front Only)	Kit: Barra de empuje (Solo delantera)	Trousse - Poussoir (frontal seulement)
14	35980C	Power Cord Non-Refrigerated	Kit: Cable electrico L/R	Cordon d'Alimentation L/R
15	1000004568	Power Cord - EZTL8	Cable Electrico EZTL8	Cordon d'alimentation EZTL8
16	98775C	Kit - Fan Motor/Blade/Screws/Nut	Kit: Motor del ventilador, aspa, tornillos y tuerca	Trousse - Moteur de ventilateur/pales/vis/écrou
17	98776C	Kit - Condenser/Drier/Wire Ties	Kit: Condensador/secador/lazos de alambre	Trousse - Statiques/sècheur/Colliers
18	98777C	Kit - Compr Mtg Hdwe/Grommets/Clips/Studs	Kit: Piezas metálicas de montaje del compresor, arandelas, sujetadores y remaches	Trousse - Visserie fix. compr./œillets/clips/goujons
19	98778C	Kit - Heat/Drier	Kit: Intercambiador de calor y secador	Trousse - Échangeur chaleur/déshydrateur
20	98898C	Kit - Hardware	Kit: Piezas metálicas	Trousse - Visserie
21	0000000238	Kit - 115V Electricals (Relay, Ovrid, Cover)	Kit: Eléctrico, relé, sobrecarga y cubierta	Trousse - Elect./relais/antisurcharge/capot
22	98724C	Kit - Evap. Replacement	Kit: Repuesto evaporador	Trousse - Évaporateur de rechange
23	1000001602	Kit - 75583C Elbow 5/16" x 1/4" (3 Pack)	Kit: 75583C Codo 5/16" x 1/4" (Paquete de 3)	Trousse - 75583C Coude 5/16 po x 1/4 po (paq. 3)
24	1000004547	Harness - Cooler	Amrés - Enfriador	Harnais - Glacière
25	1000004550	Wire - 6" Jumper	Cable - Puente de 6 "	Fil - Cavalier de 6 "
26	1000004559	Wire Assy - Jumper	Asamblea de alambre - Puente	Assemblage de fils - Cavalier
27	1000004447	Wasteline Drain Assy	Conjunto de tubería de desagüe BF	Écoulement conduite eau usée BF
28A	98900C	Kit - Drain Replace TL	Kit: Repuesto de desagüe TL	Trousse - Écoulement de rechange TL
28B	97969C	Kit - Drain Replace (TL) LR	Kit: Repuesto de desagüe (TL) LR	Trousse - Écoulement de rechange (TL) LR
29	1000001812	Kit - Bottle Filler Drain	Kit: Desagüe de la llenadora de botellas	Trousse - Écoulement remplisseuse de bouteille
30	98773C	Kit - Cold Control		
NS	1000000944	Kit - Panel (Wrapper) Light Gray TL	Kit - Panel: (Recubrimiento) gris claro TL	Trousse - Panneau (Enveloppe) Gris clair TL
	1000000888	Kit - Panel (Wrapper) Stainless TL	Kit - Panel: (Recubrimiento) acero inoxidable TL	Trousse - Panneau (Enveloppe) Acier inoxydable TL
NS	1000000758	Kit - Panel (Wrapper) Stainless LZTLD	Kit - Panel: (Revestimiento): Acero inoxidable LZTLD	Trousse - Panneau (Enveloppe) Acier inoxydable LZTLD
	1000000759	Kit - Panel (Wrapper) Light Grey LZTLD	Kit - Panel: (Revestimiento): Gris claro LZTLD	Trousse - Panneau (Enveloppe) Gris clair LZTLD
NS	28024C	Filler - Wrapper Light Grey LZTLD	Llenadora: Revestimiento gris claro LZTLD	Remplisseuse - Enveloppe gris clair LZTLD
	28025C	Filler - Wrapper Stainless LZTLD	Llenadora: Revestimiento acero inoxidable LZTLD	Remplisseuse - Enveloppe inox LZTLD
NS	1000001892	Bracket - Trim Strip Light Grey LZTLD	Soporte: Banda de acabado gris claro LZTLD	Attache - Bande de garniture gris clair LZTLD
	1000001891	Bracket - Trim Strip Stainless LZTLD	Soporte: Banda de acabado acero inoxidable LZTLD	Attache - Bande de garniture inox LZTLD
NS	1000001894	Panel - Universal Trim Light Grey LZTLD	Panel: Banda universal gris claro LZTLD	Panneau - Garniture universelle gris clair LZTLD
	1000001893	Panel - Universal Trim Stainless LZTLD	Panel: Banda universal acero inoxidable LZTLD	Panneau - Garniture universelle inox LZTLD
NS = Not Shown NS = No se muestra NS = Non représenté		*INCLUDES RELAY & OVERLOAD. IF UNDER WARRANTY, REPLACE WITH SAME COMPRESSOR USED IN ORIGINAL ASSEMBLY. NOTE: All correspondence pertaining to any of the above water coolers or orders for repair parts MUST include Model No. and Serial No. of cooler, name and part number of replacement part.		*COMPREND RELAIS ET LIMITEUR DE SURCHARGE. SI SOUS GARANTIE, REMPLACÉ PAR LE MÊME COMPRESSEUR QUE CELUI DE L'APPAREIL D'ORIGINE. REMARQUE : Toute correspondance concernant toute fontaine à eau fraîche ci-dessus ou toute commande de pièces détachées devra IMPÉRATIVEMENT inclure le numéro de modèle et le numéro de série de l'appareil, ainsi que le nom et le numéro de pièce des pièces de rechange.

BOTTLE FILLER REPLACEMENT PART KITS
KITS DE PIEZAS DE REPUESTO DE LA LLENADORA DE BOTELLAS
TROUSSES DE PIÈCES DE RECHANGE POUR LA REMPLISSEUSE DE BOUTEILLE

ITEM NO.	PART NO.	DESCRIPTION	DESCRIPCIÓN	DESCRIPTION
NS	98546C	Kit - Aerator Replacement	Kit: Repuesto de aireador	Trousse - Aérateur de rechange
31	98549C	Kit - Hardware & Waterway (BF)	Kit: Piezas metálicas y canales (LIB)	Trousse - Visserie et circuit d'eau (RB)
32	1000004573	Kit - Solenoid Valve 120V (BF)	Kit - Conjunto de válvula solenoide	Kit - Assemblage électrovanne
NS	1000005077	Nameplate - Elkay Filtered	Placa de identificación: Elkay con filtro	Plaque signalétique - Elkay à filtre
33	1000002433	Kit - Top Cover Assy (BF)	Kit: Conjunto de cubierta superior (LIB)	Trousse - Capot supérieur (RB)
34	1000005219	Kit - IR Sensor K+	Kit: Sensor infrarrojo	Trousse - Capteur IR
35	1000004544	Kit - Alpha Numeric LED Board	Kit: Panel LED alfanumérico	Trousse - Carte voyant alphanumérique
NS	1000004436	Kit - Tower/Basin Gasket	Kit: Torre y empaquetadura de la tarja	Trousse - Joint tour/fontaine
36	1000004546	Harness - Bottle Filler	Amés - Llenadora de botellas	Harnais - Remplisseur de Bouteille
37	1000004549	Harness - LED/IR Board	Amés - Tablero LED/IR	Harnais - Carte LED/IR

NS = Not Shown

ENKLZSTL8WS_1A

FCC COMPLIANCE STATEMENT

CAUTION: Changes or modifications not expressly approved could void your authority to use this equipment
This device complies with Part 15 of the FCC Rules. Operation to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

INDUSTRY CANADA STATEMENT

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



2000001775

FOR PARTS, CONTACT YOUR LOCAL DISTRIBUTOR OR CALL 1.800.834.4816
PARA PIEZAS, CONTACTE A SU DISTRIBUIDOR LOCAL O LLAME AL 1.800.834.4816
POUR OBTENIR DES PIÈCES, CONTACTEZ VOTRE DISTRIBUTEUR LOCAL OU COMPOSEZ LE 1.800.834.4816

REPAIR SERVICE INFORMATION TOLL FREE NUMBER 1.800.260.6640
NUMERO GRATIS DE SERVICE 1.800.260.6640
INFORMATIONS POUR LE SERVICE PAR NUMERO SANS FRAIS 1.800.260.6640

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ELKAY MANUFACTURING Co. • 1333 BUTTERFLIED ROAD SUITE 200 DOWNERS GROVE, IL 60515 USA - • 630.574.8484 • www.elkay.com

LIMITED PRODUCT WARRANTY SOFTWARE LICENSE

FIRST YEAR - - The Manufacturer warrants every cooler, bottle filling station, packaged water chiller, fountain and accessory to be free from defects in materials and workmanship under normal use for one (1) year from date of install or eighteen (18) months from date of shipment from factory, whichever occurs first. The Manufacturer warrants every LK44 Series outdoor tubular fountain and bottle filling station to be free from defects in materials and workmanship under normal use for five (5) years from the date of install or sixty-six (66) months from date of shipment from factory, whichever occurs first. This extended warranty does not apply to freeze resistant assemblies.

SECOND THROUGH FIFTH YEARS - The Manufacturer warrants the compressor and hermetically sealed refrigeration system, including cooling coils or tank assembly when part of the hermetically sealed refrigeration system, to be free from defects in material and workmanship under normal use for an additional four (4) years from the end of the one (1) year period described above. Packaged water chillers are not subject to the additional four (4) year warranty when used in chilled water commercial/industrial applications other than for potable water.

INSTALLATION AND OPERATION - The foregoing Limited Warranty applies only when the product is installed and operated in accordance with the Manufacturer's written instructions included with each unit. These products are designed to operate on 20 psi to 105 psi supply line pressure. Non-filtered Bi-level units require a minimum of 40 psi supply line pressure to ensure adequate stream height from each bubbler when activated simultaneously. Bi-level filtered models, regardless of supply line pressure, cannot provide adequate stream height from each bubbler when activated simultaneously. The Limited Warranty does not apply to products, which on examination by the Manufacturer or its agent, are found to have been subjected to accident, alteration, abuse, misuse, misapplications, corrosive type atmospheres, or abnormal use.

OWNER'S OBLIGATIONS - It is the owner's obligation to pay for any repairs or maintenance not covered by the Limited Warranty, including service calls related to non-warranty issues. Any appearance imperfections are to be noted at time of installation, and the installer or the supplier notified without delay. In the case of products located within the United States or Canada, it is the owner's responsibility to allow access to the unit for the authorized service center to repair on site and/or remove unit from wall to repair at the authorized service center's discretion. In the case of products located outside the United States or Canada, the owner is to return any part for which replacement is sought to the closest authorized service center or to the manufacturer's factory repair department.

MANUFACTURER'S OBLIGATIONS - When the product is located within the United States or Canada, the Manufacturer's obligation under this Limited Warranty is limited to the labor and parts to repair or replace any part which is expressly covered by this Limited Warranty at one of its authorized service centers or at its factory repair department. The warranty applicable to any replacement unit shall be the remaining warranty period on the replaced unit. The Manufacturer's obligation also includes cost of outbound freight (but not express freight) of the part or parts from an authorized service center or the factory repair department, but only if the Manufacturer determines that the part or parts, and the purported defect or defects, are covered by this Limited Warranty.

When the product is located outside the United States or Canada, the Manufacturer's obligation under this Limited Warranty is limited to providing a replacement part for any part expressly covered by this Limited Warranty which, upon examination by the Manufacturer or its agent, is found to be defective, but does not include any obligation to provide labor or to pay labor costs incurred in connection with the replacement. The Manufacturer's obligations also include cost of outbound freight (but not express freight) of the part or parts from the factory repair department to (but not beyond) the port in the United States from which the part or parts are shipped to the ultimate destination, but only if the Manufacturer determines that the part or parts, and the purported defect or defects, are covered by this Limited Warranty.

WHAT WARRANTY DOES NOT COVER - This Limited Warranty does not include payment for any field labor to provide for normal maintenance including adjustments such as water stream height, water temperature or electric eye sensitivity. The water system and regulating valve are not covered by this Limited Warranty if they become inoperative due to liming, sand or similar residue. This Limited Warranty is voided if repairs are made by an unauthorized party or the serial number data plate is removed or defaced. Normal deterioration of finish due to use and exposure is not covered by this Limited Warranty. Corrosion of materials is also not covered by this Limited Warranty. The Manufacturer is not liable for repairs, whether cosmetic or structural, to walls where cooler, bottle filler, fountain and packaged water coolers are built into the wall. If inlet pressure is above 105 psi, a pressure regulator must be installed in the supply line. Any damage caused by reason of connecting this water cooler, bottle filler, fountain or packaged water cooler to supply line pressures lower than 20 psi or higher than 105 psi is not covered by this warranty.

PERSONS ENTITLED TO BENEFIT OF WARRANTY - This Limited Warranty is applicable only to (i) purchasers who purchase the product for the resale in the ordinary course of business, and (ii) the first person who purchases the product other than resale.

SOFTWARE LICENSE PROVISIONS - To the extent the product includes embedded software, the owner and those using the product are granted a restricted, non-exclusive license to use such embedded software. Title to the embedded software shall at times remain with the embedded software licensor. The owner and those using the product shall not remove or alter notices, legends or trademarks contained in the embedded software, nor shall they translate, reverse engineer, decompile or disassemble the embedded software except to the extent applicable law specifically prohibits this restriction. The embedded software is provided "as is" and any warranty offered herein is by or through the Manufacturer. Further information concerning this license of embedded software is available from the Manufacturer.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES, EXPRESSED OR IMPLIED, ARISING BY LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. EXCEPT AS EXPRESSLY PROVIDED HEREIN, THE MANUFACTURER MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, ARISING BY LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TO ANY PERSON. THIS WARRANTY MAY NOT BE ALTERED, VARIED, **OR EXTENDED**, EXCEPT BY A WRITTEN INSTRUMENT EXECUTED BY THE MANUFACTURER. THE REMEDY OF REPAIR OR, WHERE APPLICABLE, REPLACEMENT AS PROVIDED UNDER THIS LIMITED WARRANTY IS EXCLUSIVE. IN NO EVENT SHALL THE MANUFACTURER BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES TO ANY PERSON, WHETHER OR NOT OCCASIONED BY NEGLIGENCE OF THE MANUFACTURER, INCLUDING WITHOUT LIMITATION DAMAGES FOR LOSS OF USE, COSTS OR SUBSTITUTION, PROPERTY DAMAGE, OR OTHER MONETARY LOSS.

This Limited Warranty gives specific legal rights and in some states of the United States there may be other rights which vary from state to state.

Elkay Sales, Inc
1333 Butterfield Road, Suite 200
Downers Grove, IL 60515
800.260.6640

DATE OF INSTALLATION _____

SERIAL NUMBER _____
(To Be Filled in By Installer)

Form to be left with the owner by the installer.

GARANTÍA LIMITADA DEL PRODUCTO LICENCIA DE SOFTWARE

PRIMER AÑO: El fabricante garantiza que todo enfriador de agua, estación llenadora de botellas, enfriador de agua empaquetado, fuente de agua potable y accesorio sea libre de defectos de material y mano de obra bajo uso normal durante un (1) año a partir de la fecha de instalación o dieciocho (18) meses a partir de la fecha de envío de la fábrica, lo que ocurra primero. El fabricante garantiza que todas las estaciones llenadoras de botellas y bebederos tubulares para exteriores de la serie LK44 estarán libres de defectos en sus materiales y en la mano de obra bajo uso normal por cinco (5) años desde la fecha de instalación o sesenta y seis (66) meses a partir de la fecha de envío desde la fábrica, lo que ocurra primero. Esta garantía extendida no se aplica a los conjuntos resistentes a la congelación.

SEGUNDO HASTA EL QUINTO AÑO: El fabricante garantiza que el compresor y el sistema de refrigeración herméticamente sellado, que incluye serpentines de enfriamiento o conjuntos de tanque cuando son parte del sistema de refrigeración herméticamente sellado, estarán libres de defectos en sus materiales y en la mano de obra bajo condiciones de uso normal durante cuatro (4) años adicionales a partir del término del período de un (1) año descrito anteriormente. Los enfriadores de agua empaquetados no están sujetos a la garantía de cuatro (4) años adicionales cuando se usan en aplicaciones comerciales o industriales de agua enfriada que no sean para agua potable.

INSTALACIÓN Y FUNCIONAMIENTO: La garantía limitada mencionada anteriormente solo se aplica cuando el producto se instala y opera de acuerdo con las instrucciones por escrito del fabricante que se incluyen con cada unidad. Estos productos están diseñados para funcionar con presiones de tubería de suministro de 20 a 105 psi. Las unidades de dos niveles sin filtración requieren un mínimo de 40 psi de presión de tubería de suministro para garantizar una altura de flujo adecuada de cada boquilla cuando se activen simultáneamente. Los modelos de dos niveles con filtro, sin considerar la presión de tubería de suministro, no pueden producir una altura de flujo adecuada de cada boquilla cuando se activan simultáneamente. La garantía limitada no se aplica a los productos que, una vez sometidos a revisión por parte del fabricante o su agente, se determine que han sufrido accidentes, alteraciones, o han sido sometidos a abuso, uso indebido, aplicación incorrecta, ambientes corrosivos o uso anormal.

OBLIGACIONES DEL PROPIETARIO: Es obligación del propietario pagar cualquier reparación o mantenimiento que no esté cubierto por la garantía limitada, lo que incluye llamadas al servicio técnico relacionadas con problemas que no cubre la garantía. Cualquier imperfección que se observe se debe señalar al momento de la instalación y se debe informar inmediatamente al instalador o al proveedor. En el caso de productos que se encuentren dentro de los Estados Unidos o Canadá, será responsabilidad del propietario permitir el acceso a la unidad para que el centro de servicio técnico autorizado realice la reparación en el lugar o retire la unidad para repararla, según sea su criterio. En el caso de productos que se encuentren fuera de los Estados Unidos o Canadá, el propietario debe devolver cualquier pieza que se solicite reemplazar, al centro de servicio técnico autorizado más cercano o al Departamento de Reparaciones del fabricante.

OBLIGACIONES DEL FABRICANTE: Cuando el producto se encuentre dentro de los Estados Unidos o Canadá, la obligación del fabricante según esta garantía limitada estará restringida a la mano de obra y piezas necesarias para reparar o reemplazar cualquier pieza que esté expresamente cubierta por esta garantía limitada en uno de sus centros de servicio técnico o en el Departamento de Reparaciones del fabricante. La garantía aplicable a cualquier unidad que se reemplace corresponderá al período de garantía restante de la unidad reemplazada. La obligación del fabricante también incluye el costo del flete de salida (pero no el flete expreso), de la pieza o piezas desde un centro de servicio técnico autorizado o del Departamento de Reparaciones del fabricante, pero solo si el fabricante determina que la pieza o piezas y el supuesto defecto o defectos están cubiertos por esta garantía limitada.

Cuando el producto se encuentre fuera de los Estados Unidos o Canadá, la obligación del fabricante según esta garantía limitada estará restringida a proporcionar la pieza de reemplazo para cualquier pieza cubierta expresamente por esta garantía limitada, que luego de ser sometida a revisión por el fabricante o su agente se determine que esté defectuosa, pero no considera ninguna obligación de proporcionar mano de obra ni de pagar costos de mano de obra incurridos en relación con el reemplazo. La obligación del fabricante también incluye el costo del flete de salida (pero no el flete expreso), de la pieza o piezas desde el Departamento de Reparaciones del fabricante hasta (pero no más allá) el puerto en los Estados Unidos desde el cual la pieza o piezas se envíen a su destino final, pero solo si el fabricante determina que la pieza o piezas y el supuesto defecto o defectos están cubiertos por esta garantía limitada.

LO QUE NO CUBRE ESTA GARANTÍA: Esta garantía limitada no incluye el pago de mano de obra en terreno para realizar mantenimiento normal, lo que incluye ajustes tales como la altura del flujo de agua, la temperatura del agua o la sensibilidad de la célula fotoeléctrica. El sistema de agua y la válvula reguladora no están cubiertos por esta garantía limitada si dejan de funcionar a causa de la presencia de calcificación, arena o residuos similares. Esta garantía limitada quedará nula si una parte no autorizada realiza reparaciones o si se retira o deforma la placa de datos del número de serie. El deterioro normal del acabado debido al uso y la exposición no está cubierto por esta garantía limitada. Esta garantía limitada tampoco cubre la corrosión de los materiales. El fabricante no será responsable por reparaciones estéticas o estructurales, a las paredes en las que están empotrados los enfriadores, las llenadoras de botellas, las fuentes de agua potable y los enfriadores de agua empaquetados. Si la presión de entrada es mayor que 105 psi, se debe instalar un regulador de presión en la tubería de suministro. Cualquier daño provocado a causa de la conexión de este enfriador de agua, llenadora de botellas, fuente de agua potable o enfriador de agua empaquetado a presiones de tubería de suministro inferiores a 20 psi o superiores a 105 psi no está cubierto por esta garantía.

PERSONAS CON DERECHO A LOS BENEFICIOS DE LA GARANTÍA: Esta garantía limitada se aplica solo a (i) compradores que adquirieron el producto para la reventa como parte del desarrollo normal de las actividades comerciales y (ii) la primera persona que compra el producto excepto para la reventa.

DISPOSICIONES DE LA LICENCIA DE SOFTWARE - En la medida que el producto incluye software integrado, se otorga al dueño, y a aquellos que utilicen el producto, una licencia restringida y no exclusiva para utilizar tal software integrado. El derecho al software integrado permanecerá, en todo momento, en poder del creador del software integrado. El dueño y aquellos que usen el producto no eliminarán las notas, leyendas o marcas registradas contenidas en el software integrado; ni traducirán, aplicarán ingeniería inversa, descompilarán o desensamblarán el software integrado; excepto en la medida en que la ley correspondiente prohíba específicamente esta restricción. El software integrado se proporciona "tal como está" y cualquier garantía ofrecida aquí se aplica por o a través del fabricante. Para obtener mayor información disponible sobre esta licencia de software integrado, comuníquese con el fabricante.

ESTA GARANTÍA LIMITADA REEMPLAZA A TODAS LAS DEMÁS GARANTÍAS, EXPRESAS O IMPLÍCITAS QUE SE APLIQUEN POR LEY O DE ALGUNA OTRA MANERA, LO QUE INCLUYE, ENTRE OTRAS, LAS GARANTÍAS IMPLÍCITAS DE COMERCIABILIDAD E IDONEIDAD PARA UN PROPÓSITO EN PARTICULAR. A EXCEPCIÓN DE LO AQUÍ DISPUESTO EXPRESAMENTE, EL FABRICANTE NO PROPORCIONA NINGUNA GARANTÍA EXPRESA O IMPLÍCITA QUE SE APLIQUEN POR LEY O EN OTRAS CIRCUNSTANCIAS. LO QUE INCLUYE, ENTRE OTRAS, GARANTÍAS IMPLÍCITAS DE COMERCIABILIDAD E IDONEIDAD PARA UN PROPÓSITO EN PARTICULAR. ESTA GARANTÍA NO SE PUEDE ALTERAR, MODIFICAR NI EXTENDER, EXCEPTO MEDIANTE UN DOCUMENTO POR ESCRITO FIRMADO POR EL FABRICANTE. LA SOLUCIÓN O REPARACIÓN, O CUANDO CORRESPONDA, EL REEMPLAZO, SEGÚN LO DISPUESTO POR ESTA GARANTÍA LIMITADA ES EXCLUSIVO. EN NINGÚN CASO EL FABRICANTE SERÁ RESPONSABLE POR NINGÚN DAÑO INDIRECTO O INCIDENTAL ANTE NINGUNA PERSONA, SEA O NO A CAUSA DE NEGLIGENCIA DEL FABRICANTE, LO QUE INCLUYE, ENTRE OTROS, DAÑOS POR PÉRDIDA DE USO, COSTOS O SUSTITUCIÓN, DAÑO A LA PROPIEDAD U OTRAS PÉRDIDAS MONETARIAS.

Esta garantía limitada otorga derechos legales específicos y en algunos estados de los Estados Unidos puede haber otros derechos que varían de un estado a otro.

FECHA DE INSTALACIÓN _____

NÚMERO DE SERIE _____

(Debe llenarlos el instalador)

El instalador debe dejar el formulario en posesión del propietario.

GARANTIE LIMITÉE DU PRODUIT LICENCE DE LOGICIEL

PREMIÈRE ANNÉE - Le Fabricant garantit que chaque refroidisseur, chaque station de remplissage de bouteilles, chaque refroidisseur d'eau monobloc, chaque fontaine et chaque accessoire est exempt de tout défaut de matériaux ou de fabrication dans le cadre d'une utilisation normale d'un (1) an à compter de la date d'installation, ou de dix-huit (18) mois à compter de la date d'expédition de l'usine. Le Fabricant garantit que chaque fontaine tubulaire extérieure et station de remplissage de bouteilles Série LK44 est exempte de tout défaut de matériaux ou de fabrication dans le cadre d'une utilisation normale de cinq (5) ans à compter de la date d'installation, ou de soixante-six (66) mois à compter de la date d'expédition de l'usine, à la première de ces occurrences. La présente garantie étendue ne s'applique pas ensembles résistants au gel.

DEUXIÈME À CINQUIÈME ANNÉE - Le Fabricant garantit que le compresseur et le système de réfrigération hermétiquement scellé, y compris les serpentins de refroidissement ou l'ensemble réservoir, lorsqu'ils font partie du système de réfrigération hermétiquement scellé, sont exempts de tout défaut de matériaux ou de fabrication dans le cadre d'une utilisation normale de quatre (4) années supplémentaires à compter de la fin de la période d'un (1) an indiquée ci-dessus. Les refroidisseurs d'eau monobloc ne sont pas soumis à la garantie supplémentaire de quatre (4) ans lorsqu'ils sont utilisés dans des applications commerciales/industrielles de refroidissement d'eau autres que pour l'eau potable.

INSTALLATION ET FONCTIONNEMENT - Cette Garantie limitée n'est applicable que si le produit est installé et utilisé conformément aux instructions écrites du Fabricant, lesquelles instructions sont incluses dans chaque unité. Ces produits sont conçus pour fonctionner avec une pression de conduite d'alimentation de 20 psi à 105 psi. Les unités à deux niveaux sans filtre nécessitent une pression de conduite d'alimentation minimale de 40 psi pour assurer une hauteur de jet adéquate pour chaque barboteur en cas d'activation simultanée. Quelle que soit la pression de la conduite d'alimentation, les modèles à deux niveaux avec filtre, lorsqu'ils sont activés simultanément, ne peuvent fournir une hauteur de jet adéquate pour chaque barboteur. Cette Garantie limitée ne s'applique pas aux produits qui, après examen du Fabricant ou de son mandataire, ont permis de constater qu'ils ont fait l'objet d'un accident, d'une altération, d'un usage abusif ou d'un mauvais usage, d'une application erronée ou exposés dans un environnement de type corrosif ou utilisés de façon anormale.

OBLIGATIONS DU PROPRIÉTAIRE - Le propriétaire a l'obligation de payer pour toute réparation ou tout entretien non couvert(e) par cette Garantie limitée, y compris les appels de service non couverts par ladite garantie. Toutes imperfections sur l'aspect du produit doivent être notées au moment de l'installation, et l'installateur ou le fournisseur doit en être averti immédiatement. En ce qui concerne les produits situés aux États-Unis ou au Canada, le propriétaire du produit a la responsabilité de permettre au centre de réparation homologué d'accéder à l'unité en vue de la réparer sur site et/ou de la détacher du mur pour la réparer à la discrétion du centre de réparation homologué. En ce qui concerne les produits situés en dehors des États-Unis ou du Canada, le propriétaire est tenu de renvoyer tout composant à remplacer au centre de réparation homologué le plus proche ou au service de réparation en usine.

OBLIGATIONS DU FABRICANT - En ce qui concerne les produits situés aux États-Unis ou au Canada, l'obligation du Fabricant dans le cadre de cette Garantie limitée ne concerne que la main d'œuvre et les pièces nécessaires pour réparer ou remplacer toute pièce explicitement couverte par cette Garantie limitée à un de ses centres de réparation homologues ou à son service de réparation en usine. La garantie applicable à toute unité de remplacement doit être la période restante de la garantie de l'unité remplacée. Le Fabricant est également tenu de payer les frais de fret sortant (mais non un envoi en express) de la ou des pièces émanant d'un centre de réparation autorisé ou du service de réparation en usine, mais seulement si le Fabricant établit que la ou les pièces, ainsi que le(s) prétendu(s) défauts sont couverts par cette Garantie limitée.

Lorsque le produit est situé en dehors des États-Unis ou du Canada, l'obligation du Fabricant dans le cadre de cette Garantie limitée est limitée à la fourniture d'une pièce de rechange pour toute pièce explicitement couverte par cette Garantie limitée qui, suite à un examen du Fabricant ou de son mandataire, est jugée défectueuse ; cette obligation n'inclut pas la fourniture d'une main d'œuvre ni le paiement de frais de main d'œuvre encourus en relation avec le remplacement de la pièce de rechange. Le Fabricant est également tenu de payer les frais de fret sortant (et non le fret express) d'une ou des pièces émanant du service de réparation en usine jusqu'au port des États-Unis (mais pas au-delà) d'où la ou les pièces seront expédiées vers leur destination finale, mais seulement si le Fabricant établit que la ou les pièces ainsi que le(s) prétendu(s) défaut(s) est/sont couvert(s) par cette Garantie limitée.

ÉLÉMENTS NON COUVERTS PAR LA GARANTIE - Cette Garantie limitée n'inclut pas le paiement de frais de main d'œuvre sur place concernant l'entretien normal, y compris les réglages nécessaires tels que la hauteur du jet d'eau, la température de l'eau ou la sensibilité de la cellule photoélectrique. Le système d'alimentation et la vanne de réglage ne sont pas couverts par cette Garantie limitée si leur fonctionnement est entravé par la chaux, le sable ou résidu similaire. Cette Garantie limitée est annulée si des réparations sont effectuées par une personne non autorisée, ou si la plaque signalétique du numéro de série est enlevée ou rendue illisible. La détérioration normale de la finition due à l'usage et l'exposition n'est pas couverte par cette Garantie limitée. La corrosion des matériaux n'est pas couverte non plus par cette Garantie limitée. Le Fabricant n'est pas responsable des réparations esthétiques ou structurelles effectuées sur les murs ou le refroidisseur, la remplisseuse de bouteilles, la fontaine et le refroidisseur d'eau monobloc sont installés au mur. Si la pression d'entrée est supérieure à 105 psi, un régulateur de pression doit être installé dans la conduite d'alimentation. Tout dommage causé par le raccordement de ce refroidisseur d'eau, cette remplisseuse de bouteilles, cette fontaine et ce refroidisseur d'eau monobloc à une conduite d'alimentation ayant une pression inférieure à 20 psi ou supérieure à 105 psi n'est pas couvert par cette garantie.

PERSONNES HABILITÉES À BÉNÉFICIER DE LA GARANTIE - Cette Garantie limitée est applicable uniquement (i) aux acheteurs qui achètent le produit pour la revente dans le cadre normal des activités commerciales et, (ii) au premier acheteur qui achète le produit dans un but autre que la revente.

DISPOSITIONS DE LA LICENCE DE LOGICIEL - Dans la mesure où le produit comporte un logiciel intégré, une licence restreinte et non exclusive est accordée au propriétaire et aux utilisateurs du produit pour l'utilisation de ce logiciel intégré. Les droits du logiciel intégré sont détenus en permanence par le donneur de licence du logiciel intégré. Le propriétaire et les utilisateurs du produit ne doivent ni supprimer ni modifier les avis, légendes et marques de commerce contenus dans le logiciel intégré et ne doivent pas traduire, rétroconvoier, décompiler ni désassembler le logiciel intégré sauf dans la mesure où la loi en vigueur interdit spécifiquement une telle restriction. Le logiciel intégré est fourni « en l'état » et toute garantie offerte aux présentes est offerte par ou à travers le Fabricant. De plus amples renseignements concernant cette licence de logiciel intégré sont disponibles auprès du Fabricant.

CETTE GARANTIE LIMITÉE REMPLACE TOUTES LES AUTRES GARANTIES EXPRESSES, EXPLICITES OU IMPLIQUES, EN VERTU DE LOI OU AUTREMENT, Y COMPRIS MAIS SANS SE LIMITER AUX GARANTIES IMPLIQUES DE QUALITÉ MARCHANDE ET D'ADÉQUATION À DES FINS PARTICULIÈRES. SAUF DISPOSITIONS EXPRESSES DE CE DOCUMENT, LE FABRICANT N'ACCORDE AUCUNE GARANTIE EXPRESSE, EXPLICITE OU IMPLICITE, EN VERTU DE LOI OU AUTREMENT, Y COMPRIS MAIS SANS SE LIMITER AUX GARANTIES IMPLIQUES DE QUALITÉ MARCHANDE ET D'ADÉQUATION À DES FINS PARTICULIÈRES. CETTE GARANTIE NE PEUT ÊTRE MODIFIÉE, CHANGÉE OU PROROGÉE, SAUF PAR UN INSTRUMENT ÉCRIT SIGNÉ PAR LE FABRICANT. LE RECOURS À LA RÉPARATION OU, SI BESOIN, AU REMPLACEMENT TEL QUE PRÉVU AUX TERMES DE CETTE GARANTIE LIMITÉE EST EXCLUSIF. EN AUCUN CAS, LE FABRICANT NE PEUT ÊTRE TENU RESPONSABLE DES DOMMAGES CONSÉCUTIFS OU FORTUITS À TOUTE PERSONNE, QU'ILS SOIENT OU NON CAUSÉS PAR UNE NÉGLIGENCE DU FABRICANT, Y COMPRIS MAIS SANS SE LIMITER AUX DOMMAGES-INTÉRÊTS POUR PERTE DE JOUISSANCE, AUX COÛTS OU À LA SUBSTITUTION, AUX DOMMAGES MATÉRIELS OU AUTRES PERTES PÉCUNIAIRES.

Cette garantie limitée vous donne des droits juridiques spécifiques et, dans certains États des États-Unis vous pouvez bénéficier d'autres droits qui varient selon les juridictions.

DATE D'INSTALLATION _____

NÚMERO DE SERIE _____

(À remplir par l'installateur)

Formulaire à laisser au propriétaire par l'installateur.

Elkay Sales, Inc
1333 Butterfield Road, Suite 200
Downers Grove, IL 60515
800.260.6640



VENDOR	DESCRIPTION	PAGE
Watts	FRESH AIR INLET	

VENDOR	DESCRIPTION	PAGE
Watts	Co-203-Rx-4 Adjustable Floor Cleanout, 5 In Round Ductile Iron Top, 3 In Pipe, PVC body w/ poly Plug, No Hub Outlet, Xhd Load Rating	



VENDOR	DESCRIPTION	PAGE
Rheem	38gal Professional Classic Residential Electric	71

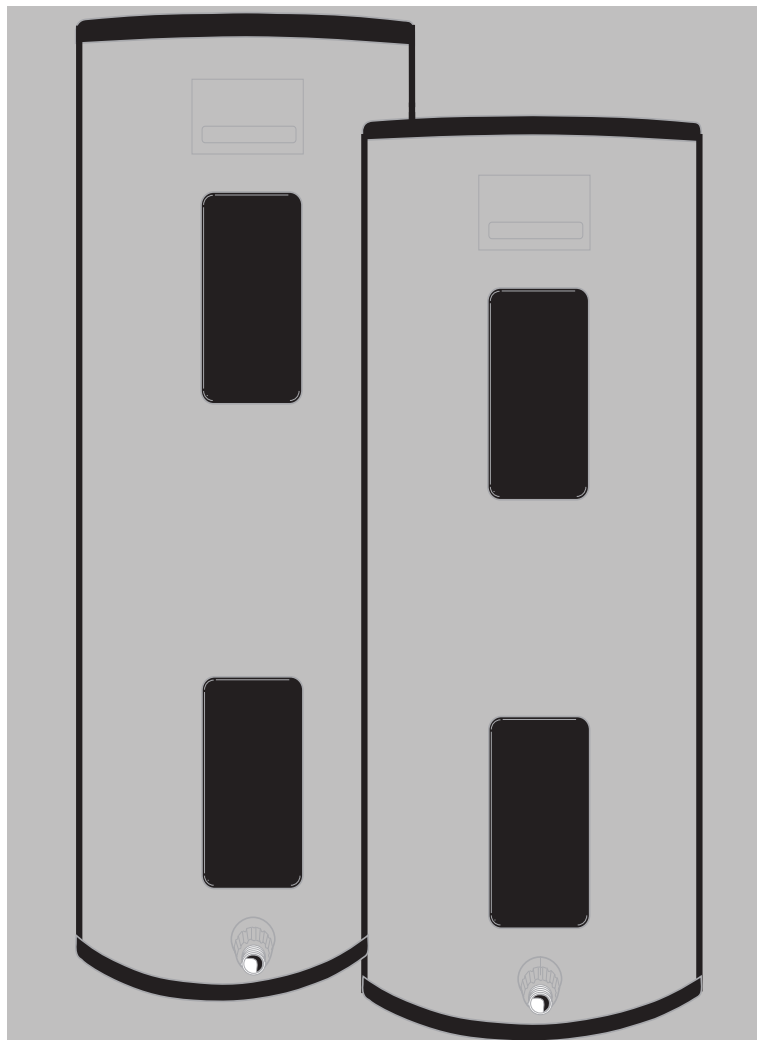
Use & Care Manual

With Installation Instructions for the Installer

Electric Residential

Water Heaters

Single and Double Element Models,
With Energy Cover



The purpose of this manual is twofold: one, to provide the installer with the basic directions and recommendations for the proper installation and adjustment of the water heater; and two, for the owner-operator, to explain the features, operation, safety precautions, maintenance and troubleshooting of the water heater. This manual also includes a parts list.

It is imperative that all persons who are expected to install, operate or adjust this water heater read the instructions carefully so they may understand how to perform these operations. If you do not understand these instructions or any terms within it, seek professional advice.

Any questions regarding the operation, maintenance, service or warranty of this water heater should be directed to the seller from whom it was purchased. If additional information is required, refer to the section on "If you need service."

Do not destroy this manual. Please read carefully and keep in a safe place for future reference.

 **Recognize this symbol as an indication of Important Safety Information!**

 **California Proposition 65 Warning:** This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.



Safety Information

Safety Precautions 3, 4

Installation Instructions

Location 5

Water Connections 6

Electrical Connections. 8

Operating Instructions

Safety Controls 12

Water Temperature 13

Care and Cleaning

Draining 14

Maintenance. 14

Extended Shut-Down 15

Troubleshooting Tips

Before You Call

For Service. 16

Customer Service

Parts List. 17

If You Need

Service 19

Wiring Diagram. 20



FOR YOUR RECORDS

Write the model and serial numbers here:

You can find them on a label on the appliance.

Staple sales slip or cancelled check here.

Proof of the original purchase date is needed to obtain service under the warranty.



READ THIS MANUAL

Inside you will find many helpful hints on how to use and maintain your water heater properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your water heater.

You'll find many answers to common problems in the Before You Call For Service section. If you review our chart of Troubleshooting Tips first, you may not need to call for service at all.



READ THE SAFETY INFORMATION

Your safety and the safety of others are very important. There are many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol. Recognize this symbol as an indication of Important Safety Information! This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER", "WARNING", "CAUTION" or "NOTICE".

These words mean:

DANGER

An imminently hazardous situation that will result in death or serious injury.

WARNING

A potentially hazardous situation that could result in death or serious injury and/or damage to property.

CAUTION

A potentially hazardous situation that may result in minor or moderate injury.

Notice:

Attention is called to observe a specified procedure or maintain a specific condition.

IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.

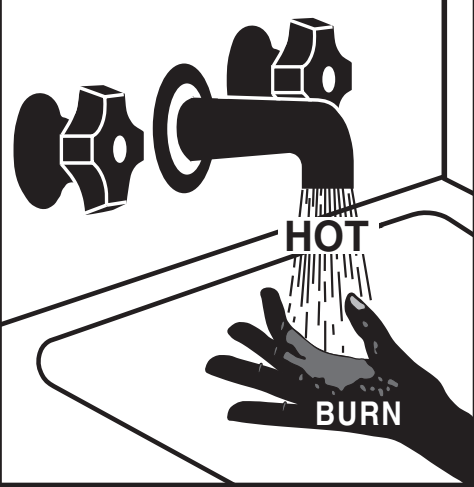
⚠ DANGER!

WATER TEMPERATURE SETTING



Safety and energy conservation are factors to be considered when selecting the water temperature setting of water heater's thermostat. Water temperatures above 125°F can cause severe burns or death from scalding. Be sure to read and follow the warnings outlined on the label pictured below. This label is also located on the water heater near the thermostat access panel.

DANGER



Water temperature over 125°F can cause severe burns instantly or death from scalds.

Children, disabled and elderly are at highest risk of being scalded.

See instruction manual before setting temperature at water heater.

Feel water before bathing or showering.

Temperature limiting valves are available, see manual.

Notice: Mixing valves are recommended for reducing point of use water temperature by mixing hot and cold water in branch water lines. It is recommended that a mixing valve complying with the Standard for Temperature Actuated Mixing Valves for Hot Water Distribution Systems, ASSE 1017 be installed. See page 13 for more details and contact a licensed plumber or the local plumbing authority for further information.

Time/Temperature Relationship in Scalds

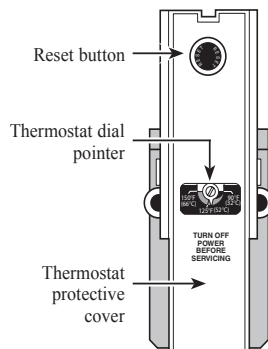
Temperature	Time To Produce a Serious Burn
120°F	More than 5 minutes
125°F	1½ to 2 minutes
130°F	About 30 seconds
135°F	About 10 seconds
140°F	Less than 5 seconds
145°F	Less than 3 seconds
150°F	About 1½ seconds
155°F	About 1 second

Table courtesy of Shriners Burn Institute

The chart shown above may be used as a guide in determining the proper water temperature for your home.

⚠ DANGER: Households with small children, disabled, or elderly persons may require a 120°F or lower thermostat setting to prevent contact with “HOT” water.

The temperature of the water in the heater is regulated by the adjustable surface mounted thermostat(s) located behind the jacket access panel(s). Dual element heaters have two thermostats. To comply with safety regulations the thermostat(s) were set at 120°F before the water heater was shipped from the factory.



The illustration at the left shows the temperature adjustment dial used for setting the water temperature.

Refer to the Operating Instructions in this manual for detailed instructions in how to adjust the thermostat(s).

⚠ DANGER: Hotter water increases the potential for Hot Water SCALDS.

IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.

WARNING!

For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, personal injury, or loss of life.

Be sure to read and understand the entire Use and Care Manual before attempting to install or operate this water heater. It may save you time and cost. Pay particular attention to the Safety Instructions. Failure to follow these warnings could result in serious bodily injury or death. Should you have problems understanding the instructions in this manual, or have any questions, STOP, and get help from a qualified service technician, or the local electric utility.



FOR INSTALLATIONS IN THE STATE OF CALIFORNIA

California Law requires that residential water heaters must be braced, anchored or strapped to resist falling or horizontal displacement due to earthquake motions. For residential water heaters up to 52 gallon capacity, a brochure with generic earthquake bracing instructions can be obtained from: Office of the State Architect, 400 P Street, Sacramento, CA 95814 or you may call 916-324-5315 or ask a water heater dealer.

However, applicable local codes shall govern installation. For residential water heaters of a capacity greater than 52 gallons, consult the local building jurisdiction for acceptable bracing procedures.



SAFETY PRECAUTIONS

Have the installer show you the location of the circuit breaker and how to shut it off if necessary. Turn off the circuit breaker if the water heater has been subjected to overheating, fire, flood, physical damage or if the ECO fails to shut off.

- Read this manual entirely before installing or operating the water heater.
- Use this appliance only for its intended purpose as described in this Use and Care Manual.
- Be sure your appliance is properly installed in accordance with local codes and the provided installation instructions.
- **DO NOT** attempt to repair or replace any part of your water heater unless it is specifically recommended in this manual. All other servicing should be referred to a qualified technician.
- **DO NOT** turn on the electrical supply or operate this water heater unless it is completely full of water.



READ AND FOLLOW THIS SAFETY INFORMATION
CAREFULLY.

SAVE THESE INSTRUCTIONS

Installing the water heater.

The location chosen for the water heater must take into consideration the following:

Local Installation Regulations

This water heater must be installed in accordance with these instructions, local codes, utility codes, utility company requirements or, in the absence of local codes, the latest edition of the National

Electrical Code. It is available from some local libraries or can be purchased from the National Fire Protection Association, Batterymarch park, Quincy, MA 02269 as booklet ANSI/NFPA 70.

Location

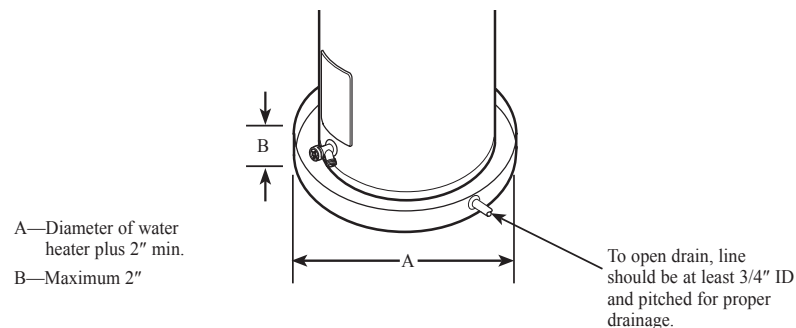
Locate the water heater in a clean dry area as near as practical to the area of greatest heated water demand. Long uninsulated hot water lines can waste energy and water.

Place the water heater in such a manner that the thermostat and element access panels can be removed to permit inspection and servicing such as removal of elements or checking controls.

The water heater and water lines should be protected from freezing temperatures. Do not install the water heater in outdoor, unprotected areas.

Make certain the floor underneath the water heater is strong enough to sufficiently support the weight of the water heater once it is filled with water.

▲CAUTION: The water heater should not be located in an area where leakage of the tank or connections will result in damage to the area adjacent to it or to lower floors of the structure. Where such areas cannot be avoided, it is recommended that a suitable catch pan, adequately drained, be installed under the water heater.



NOTICE: Auxiliary drain pan **MUST** conform to local codes.

Drain Pan Kits are available from the store where the water heater was purchased, or any water heater distributor.

Inspect Shipment

Inspect the water heater for possible damage. Check the markings on the rating plate of the water heater to be certain the power supply corresponds to the water heater requirements.

Installing the water heater.

Thermal Expansion

Determine if a check valve exists in the inlet water line. Check with your local water utility. It may have been installed in the cold water line as a separate back flow preventer, or it may be part of a pressure reducing valve, water meter or water softener. A check valve located in the cold water inlet line can cause what is referred to as a **“closed water system”**. A cold water inlet line with no check valve or back flow prevention device is referred to as an **“open” water system**.

As water is heated, it expands in volume and creates an increase in the pressure within the water system. This action is referred to as **“thermal expansion”**. In an **“open” water system**, expanding water which exceeds the capacity of the water heater flows back into the city main where the pressure is easily dissipated.

A **“closed water system”**, however, prevents the expanding water from flowing back into the main supply line, and the result of **“thermal expansion”** can create a rapid

and dangerous pressure increase in the water heater and system piping. This rapid pressure increase can quickly reach the safety setting of the relief valve, causing it to operate during each heating cycle. Thermal expansion, and the resulting rapid and repeated expansion and contraction of components in the water heater and piping system can cause premature failure of the relief valve, and possibly the heater itself. Replacing the relief valve **will not** correct the problem!

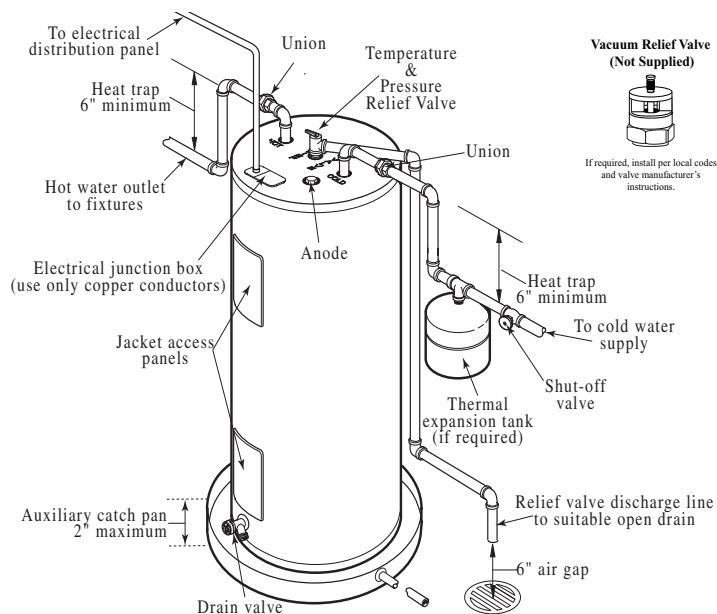
The suggested method of controlling thermal expansion is to install an expansion tank in the cold water line between the water heater and the check valve (refer to the illustration below). The expansion tank is designed with an air cushion built in that compresses as the system pressure increases, thereby relieving the over pressure condition and eliminating the repeated operation of the relief valve. Other methods of controlling thermal expansion are also available. Contact your installing contractor, water supplier or plumbing inspector for additional information regarding this subject.

NOTICE: Do not apply heat to the HOT or COLD water connections. If sweat connections are used, sweat tubing to adapter before fitting adapter to the water connections on heater. Any heat applied to the water supply fittings will permanently damage the dip tube and/or heat traps.

Water Supply Connections

Refer to the illustration below for suggested typical installation. The installation of unions or flexible copper connectors is recommended on the hot and cold water connections so that the water heater may be easily disconnected for servicing if necessary. The HOT and COLD water connections are clearly marked and are 3/4" NPT on all models. Install a shut-off valve in the cold water line near the water heater.

Typical Installation



A new combination temperature and pressure relief valve, complying with the Standard for Relief Valves for Hot Water Supply Systems, ANSI Z21.22, is supplied and must be installed in the opening provided and marked for the purpose on the water heater. No valve of any type should be installed between the relief valve and the tank. Local codes shall govern the installation of relief valves.

Relief Valve

▲WARNING: The pressure rating of the relief valve must not exceed 150 PSI, the maximum working pressure of the water heater as marked on the rating plate.

The Btu/h rating of the relief valve must not be less than the input rating of the water heater as indicated on the rating label located on the front of the heater (1 watt=3.412 Btu/h).

Connect the outlet of the relief valve to a suitable open drain so that the discharge water cannot contact live electrical parts or persons and to eliminate potential water damage.

Piping used should be of a type approved for hot water distribution. The discharge line must be no smaller than the outlet of the valve and must pitch downward from the valve to allow complete drainage (by gravity) of the relief valve and discharge line. The end of the discharge line should not be threaded or concealed and should be protected from freezing. No valve of any type, restriction or reducer coupling should be installed in the discharge line.

To Fill the Water Heater

▲WARNING: DO NOT turn on the electrical supply or operate this water heater unless it is completely full of water. The tank must be full of water before heater is turned on. The water heater warranty does not cover damage or failure resulting from operation with an empty or partially empty tank.

Make certain the drain valve on the water heater is completely closed.

Open the shut-off valve in the cold water supply line.

Open each hot water faucet slowly to allow the air to vent from the water heater and piping.

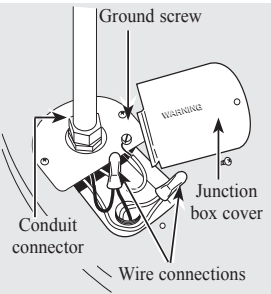
A steady flow of water from the hot water faucet(s) indicates a full water heater.

Condensation

Condensation can form on the tank when it is first filled with water. Condensation might also occur with a heavy water draw and very cold inlet water temperature.

This condition is not unusual, and will disappear after the water becomes heated. If, however, the condensation continues, examine the piping and fittings for possible leaks.

Installing the water heater.



Water heater junction box.

⚠ DO NOT turn on the electrical supply or operate this water heater unless it is completely full of water.

Electrical Connections

A separate branch circuit with copper conductors, overcurrent protective device and suitable disconnecting means must be provided by a qualified electrician.

All wiring must conform to local codes or latest edition of National Electrical Code ANSI/NFPA 70.

The water heater is completely wired to the junction box inside jacket at the top front of the water heater. An opening for 1/2" or 3/4" electrical fitting is provided for field wiring connections.

The voltage requirements and wattage load for the water heater are specified on the rating plate on the front of the water heater.

The branch circuit wiring should include either:

- 1 Metallic conduit or metallic sheathed cable approved for use as a grounding conductor and installed with fittings approved for the purpose.
- 2 Non-metallic sheathed cable, metallic conduit or metallic sheathed cable not approved for use as a ground conductor shall include a separate conductor for grounding. It should be attached to the ground terminals of the water heater and the electrical distribution box.

⚠ CAUTION: The presence of water in the piping and water heater does not provide sufficient conduction for a ground. Non-metallic piping, dielectric unions, flexible connectors etc. can cause the water heater to be electrically isolated.

NOTICE: This guide recommends minimum branch circuit sizing and wire size based on National Electric Code. Refer to wiring diagrams in this manual for field wiring connections.

Branch Circuit Sizing and Wire Size Guide

Total Water Heater Wattage	Recommended Over Current Protection (Fuse or circuit breaker amperage rating)					Copper Wire Size AWG Based on N.E.C. Table 310-16 (75°C)				
	120V	208V	240V	277V	480V	120V	208V	240V	277V	480V
1,500	20	15	15	15	15	12	14	14	14	14
2,000	25	15	15	15	15	10	14	14	14	14
3,000	35	20	20	15	15	8	12	12	14	14
4,000	-	25	25	20	15	-	10	10	12	14
4,500	-	30	25	25	15	-	10	10	10	14
5,000	-	30	30	25	15	-	10	10	10	14
5,500	-	35	30	25	15	-	8	10	10	14
6,000	-	40	35	30	20	-	8	8	10	12
8,000	-	50	45	40	25	-	8	8	8	10
9,000	-	-	50	45	25	-	-	8	8	10
10,000	-	-	-	50	30	-	-	-	8	10
11,000	-	-	-	50	30	-	-	-	8	10
12,000	-	-	-	-	35	-	-	-	-	8

See the top of next page for 3 Phase wiring.

Single Phase Wiring

3 Phase Wiring

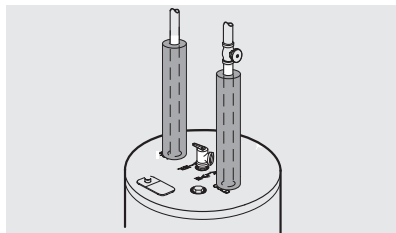
Total Water Heater Wattage	Recommended Over Current Protection (Fuse or circuit breaker amperage rating)				Copper Wire Size AWG Based on NE.C. Table 310-16 (75°C)			
	208V	240V	277V	480V	208V	240V	277V	480V
3,000	20	20	15	15	12	12	14	14
4,000	25	25	20	15	10	10	12	14
4,500	30	25	25	15	10	10	10	14
5,000	30	30	25	15	10	10	10	14
5,500	35	30	25	15	8	10	10	14
6,000	40	35	30	20	8	8	10	12
8,000	50	45	40	25	8	8	8	10
9,000	-	50	45	25	-	8	8	10
10,000	-	-	50	30	-	-	8	10
11,000	-	-	50	30	-	-	8	10
12,000	-	-	-	35	-	-	-	8

Energy Efficiency

This water heater meets or exceeds the National Appliance Energy Conservation Act standards with respect to insulation and standby loss requirements when the

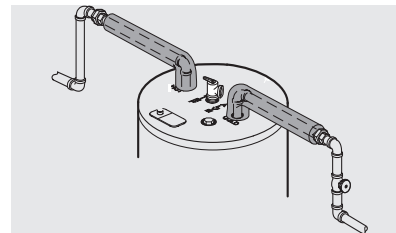
energy cover is installed. The energy cover must be installed in accordance to the instructions provided.

Hot and Cold Pipe Insulation Installation



Typical vertical piping arrangement

For increased energy efficiency, some water heaters have been supplied with two 24" sections of pipe insulation.

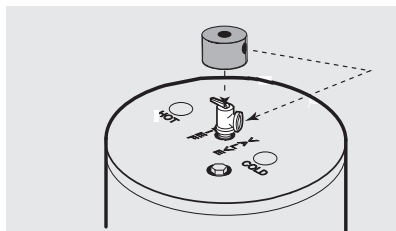


Typical horizontal piping arrangement

Please install the insulation, according to the illustrations above, that best meets your requirements.

Relief Valve Insulation Installation

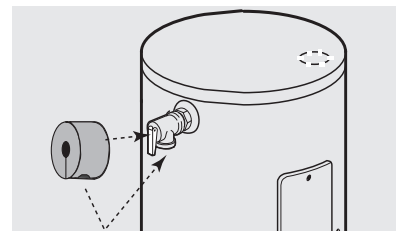
CAUTION: Ensure the T&P Valve opening is not obstructed by the insulation.



Typical top connection arrangement

For increased energy efficiency, some water heaters have been supplied with a 2-3/8" section of pipe insulation.

Please install the insulation, according to the illustrations above, that best meets your requirements.



Typical side connection arrangement

Slip the insulation cover over the T&P Valve through the center hole and align the hole in the side with the opening of the T&P Valve.

Installing the water heater.

Water Heater Energy Cover Installation Instructions

Items Provided:

- 1 - water heater energy cover
- 1 - water heater energy cover top
- 2 - tape strips - 3" x 40"

Installation:

1. With vinyl side out, wrap the cover around water heater as shown in Figure 1.
2. Apply 3 pieces of tape 6" long across cover seam as shown in Figure 2.
3. Apply a strip of tape 32" long over entire length of seam, as shown in Figure 3.

4. Insulate top of water heater by placing top insulation as shown in Fig 4.
5. Secure top insulation to cover by using 4 tape strips 6" long as shown in fig. 5.

⚠CAUTION: Avoid contact with your eyes and skin. Wear long sleeved, loose fitting clothing, gloves and eye protection when handling fiberglass. Wash with soap and warm water after handling.

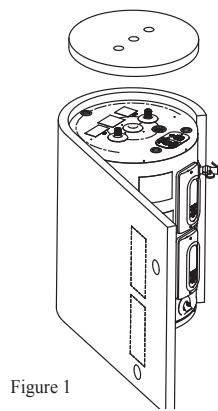


Figure 1

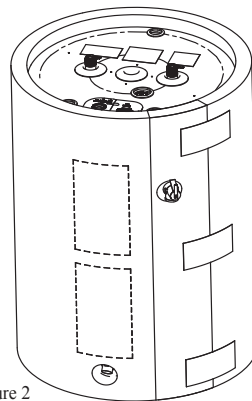


Figure 2

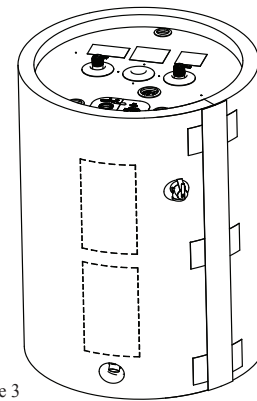


Figure 3

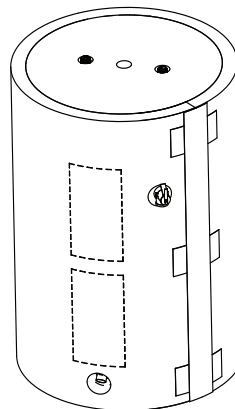


Figure 4

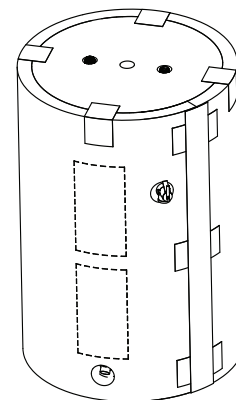


Figure 5

Heat Trap

For increased energy efficiency, some water heaters have been supplied with factory installed internal or external heat traps in the hot outlet and cold water inlet openings.

NOTICE: Do not apply heat to the HOT or COLD water connections. If sweat connections are used, sweat tubing to adapter before fitting adapter to the water connections on heater. Any heat applied to the water supply fittings will permanently damage the dip tube and/or heat traps.

Installation Checklist

A. Water Heater Location

- ☐ Close to area of heated water demand.
- ☐ Indoors and protected from freezing temperatures.
- ☐ Area free of flammable vapors.
- ☐ Provisions made to protect area from water damage.
- ☐ Sufficient room to service heater.

B. Water Supply

- ☐ Water heater completely filled with water.
- ☐ Air purged from water heater and piping.
- ☐ Water connections tight and free of leaks.

C. Relief Valve

- ☐ Temperature and Pressure Relief Valve properly installed and discharge line run to open drain.
- ☐ Discharge line protected from freezing.

D. Wiring

- ☐ Power Supply voltage agrees with water heater rating plate.
- ☐ Branch circuit wire and fusing or circuit breaker of proper size.
- ☐ Electrical connections tight and unit properly grounded.

Operating the water heater.

⚠CAUTION: Hydrogen gas can be produced in a hot water system served by this water heater that has not been used for a long period of time (generally two weeks or more). **HYDROGEN GAS IS EXTREMELY FLAMMABLE!!** To dissipate such gas and to reduce risk of injury, it is recommended that the hot water faucet be opened for several minutes at the kitchen sink before using any electrical appliance connected to the hot water system. If hydrogen is present, there will be an unusual sound such as air escaping through the pipe as the water begins to flow. Do not smoke or use an open flame near the faucet at the time it is open.

Safety Precautions

- A** Do not turn off power to water heater if it has been subjected to over heating, fire, flood, physical damage.
- B** Do Not turn on water heater unless it is filled with water.
- C** Do Not turn on water heater if cold water supply shut-off valve is closed.
- D** If there is any difficulty in understanding or following the Operating Instructions or the Care and Cleaning section, it is recommended that a qualified person or serviceman perform the work.

Safety Controls

⚠WARNING: If the water heater has been subjected to flood, fire, or physical damage, turn off power and water to the water heater.

Do not operate the water heater again until it has been thoroughly checked by qualified service personnel.

The water heater is equipped with a combination thermostat and temperature limiting control (ECO) that is located above the heating element in contact with the tank surface. If for any reason the water temperature becomes excessively high, the temperature limiting control (ECO) breaks the power circuit to the heating element. Once the control opens, it must be reset manually.

⚠CAUTION: The cause of the high temperature condition must be investigated by qualified service technician and corrective action must be taken before placing the water heater in service again.

To reset the temperature limiting control:

- 1** Turn off the power to the water heater.
- 2** Remove the jacket access panel(s) and insulation.

The thermostat protective cover should not be removed.
- 3** Press the red RESET button.
- 4** Replace the insulation and jacket access panel(s) before turning on the power to the water heater.

⚠DANGER: There is a hot water scald potential if the thermostat is set too high. Households with small children, disabled, or elderly persons may require a 120°F or lower thermostat setting to prevent contact with HOT water.

Water Temperature Setting

The temperature of the water in the water heater can be regulated by setting the temperature dial of the adjustable surface mounted thermostat(s) located behind the jacket access panel(s).

Dual element heaters have two thermostats.

Safety and energy conservation are factors to be considered when selecting the water temperature setting of the water heater's thermostat(s). The lower the temperature setting, the greater the savings in energy and operating costs.

To comply with safety regulations the thermostat(s) are factory set at 120°F or less where local codes require. This is the recommended starting point.

Water temperatures above 125°F can cause severe burns or death from scalding.

Be sure to read and follow the warnings outlined in this manual and on the label on the water heater. This label is located on the water heater near the thermostat access panel.

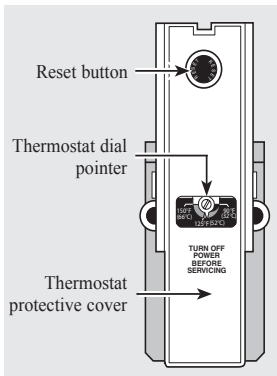
Mixing valves are recommended for reducing point of use water temperature by mixing hot and cold water in branch water lines. It is recommended that a mixing valve complying with the Standard for Temperature Actuated Mixing Valves for Hot Water Distribution Systems, ASSE 1017 be installed. See page 4 for more details and contact a licensed plumber or the local plumbing authority for further information.

The chart below may be used as a guide in determining the proper water temperature for your home.

Time/Temperature Relationship in Scalds

Temperature	Time To Produce a Serious Burn
120°F	More than 5 minutes
125°F	1½ to 2 minutes
130°F	About 30 seconds
135°F	About 10 seconds
140°F	Less than 5 seconds
145°F	Less than 3 seconds
150°F	About 1½ seconds
155°F	About 1 second

Table courtesy of Shriners Burn Institute

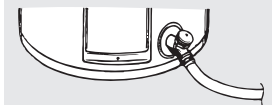


Type 59T thermostat and protective cover.

If adjustment is necessary...

- 1 Turn off the power to the water heater.
- 2 Remove the jacket access panel(s) and insulation exposing the thermostat(s).
The thermostat protective cover(s) should not be removed.
- 3 Using a small screwdriver, set the thermostat(s) dial pointer(s) to the desired temperature.
- 4 Replace the insulation and jacket access panel(s). Turn on the power to the water heater.

Care and cleaning of the water heater.



Draining the Water Heater

⚠CAUTION: Shut off power to the water heater before draining water.

⚠DANGER: Before manually operating the relief valve, make certain no one will be exposed to the hot water released by the valve. The water drained from the tank may be hot enough to present a scald hazard and should be directed to a suitable drain to prevent injury or damage.

In order to drain the water heater, turn off the cold water supply. Open a hot water faucet or lift the handle on the relief valve to admit air to the tank.

Attach a garden hose to the drain valve on the water heater and direct the stream of water to a drain. Open the valve.

⚠DANGER: Before manually operating the relief valve, make certain no one will be exposed to the danger of coming in contact with the hot water released by the valve. The water may be hot enough to create a scald hazard. The water should be released into a suitable drain to prevent injury or property damage.

NOTICE: If the temperature and pressure relief valve on the hot water heater discharges periodically, this may be due to thermal expansion in a closed water system. Contact the water supplier or your plumbing contractor on how to correct this. Do not plug the relief valve outlet.

Routine Preventative Maintenance

Properly maintained, your water heater will provide years of dependable trouble-free service.

It is suggested that a routine preventive maintenance program be established and followed by the user.

It is further recommended that a periodic inspection of the operating controls, heating element and wiring should be made by service personnel qualified in electric appliance repair.

Most electrical appliances, even when new, make some sound when in operation. If the hissing or singing sound level increases excessively, the electric heating element may require cleaning. Contact a qualified installer or plumbing contract to inspect.

At least once a year, lift and release the lever handle on the temperature pressure relief valve, located near the top of the water heater, to make certain the valve operates freely. Allow several gallons to flush through the discharge line to an open drain.

A water heater's tank can act as a settling basin for solids suspended in the water. It is therefore not uncommon for hard water deposits to accumulate in the bottom of the tank. It is suggested that a few quarts of water be drained from the water heater's tank every month to clean the tank of these deposits.

Rapid closing of faucets or solenoid valves in automatic water using appliances can cause a banging noise heard in a water pipe. Strategically located risers in the water pipe system or water hammer arresting devices can be used to minimize the problem.

The anode rod should be removed from the water heater's tank annually for inspection and replaced when more than 6" of core wire is exposed at either end of the rod.

Make sure the cold water supply is turned off before removing anode rod.

Care and cleaning of the water heater.

Vacation and Extended Shut-Down

NOTICE: Refer to the Hydrogen Gas Caution in the Operating Instructions.

If the water heater is to remain idle for an extended period of time, the power and water to the appliance should be turned off to conserve energy and prevent a build-up of dangerous hydrogen gas.

The water heater and piping should be drained if they might be subjected to freezing temperatures.

After a long shut-down period, the water heater's operation and controls should be checked by qualified service personnel. Make certain the water heater is completely filled again before placing it in operation.

Anode Rod

NOTICE: Do not remove the anode rod from the water heater's tank, except for inspection and/or replacement, as operation with the anode rod removed will greatly shorten the life of the glass lined tank and will exclude warranty coverage.

This water heater is equipped with an anode rod designed to prolong the life of the glass lined tank. The anode rod is slowly consumed, thereby eliminating or minimizing corrosion of the glass lined tank.

Water sometimes contains a high sulfate and/or mineral content and together with cathodic protection process can produce a hydrogen sulfide, or rotten egg odor in the heated water. Chlorination of the water supply should minimize the problem.

Before You Call For Service...



Troubleshooting Tips
Save time and money! Review the chart on this page first and you may not need to call for service.

Problem	Possible Causes	What To Do
Rumbling noise	Water conditions in your home caused a build up of scale or mineral deposits on the heating elements.	● Remove and clean the heating elements.
Relief valve producing popping noise or draining	Pressure build up caused by thermal expansion in a closed system.	● This is an unacceptable condition and must be corrected. Contact the water supplier or plumbing contractor on how to correct this. Do not plug the relief valve outlet.
Rattling noise during periods of water usage	Internal heat trap fittings in operation.	● This is normal for heat trap fittings when in operation and does not indicate a need for service.
Not enough or no hot water	Water usage may have exceeded the capacity of the water heater.	● Wait for the water heater to recover after an abnormal demand.
	A fuse is blown or a circuit breaker tripped.	● Replace fuse or reset circuit breaker.
	Electric supply may be off.	● Make sure electric supply to water heater and disconnect switch, if used, are in the ON position.
	The thermostat may be set too low.	● See the Temperature regulation of the water heater section of this manual.
	Leaking or open hot water faucets.	● Make sure all faucets are closed.
	Electric service to your home may be interrupted.	● Contact the local electric utility.
	Improper wiring.	● See the Installing the water heater section of this manual.
	Manual reset limit (ECO).	● See the Temperature regulation of the water heater section of this manual.
Water is too hot	Cold water inlet temperature may be colder during the winter months.	● This is normal. The colder inlet water takes longer to heat.
	The thermostat is set too high.	● See the Temperature regulation of the water heater section of this manual.

⚠ CAUTION: For your safety **DO NOT** attempt repair of electrical wiring, thermostats, heating elements or other safety devices. Refer repairs to qualified service personnel.

Replacement Parts.

For 30–40 gallon models with single and double elements.

Instructions For Placing a Parts Order

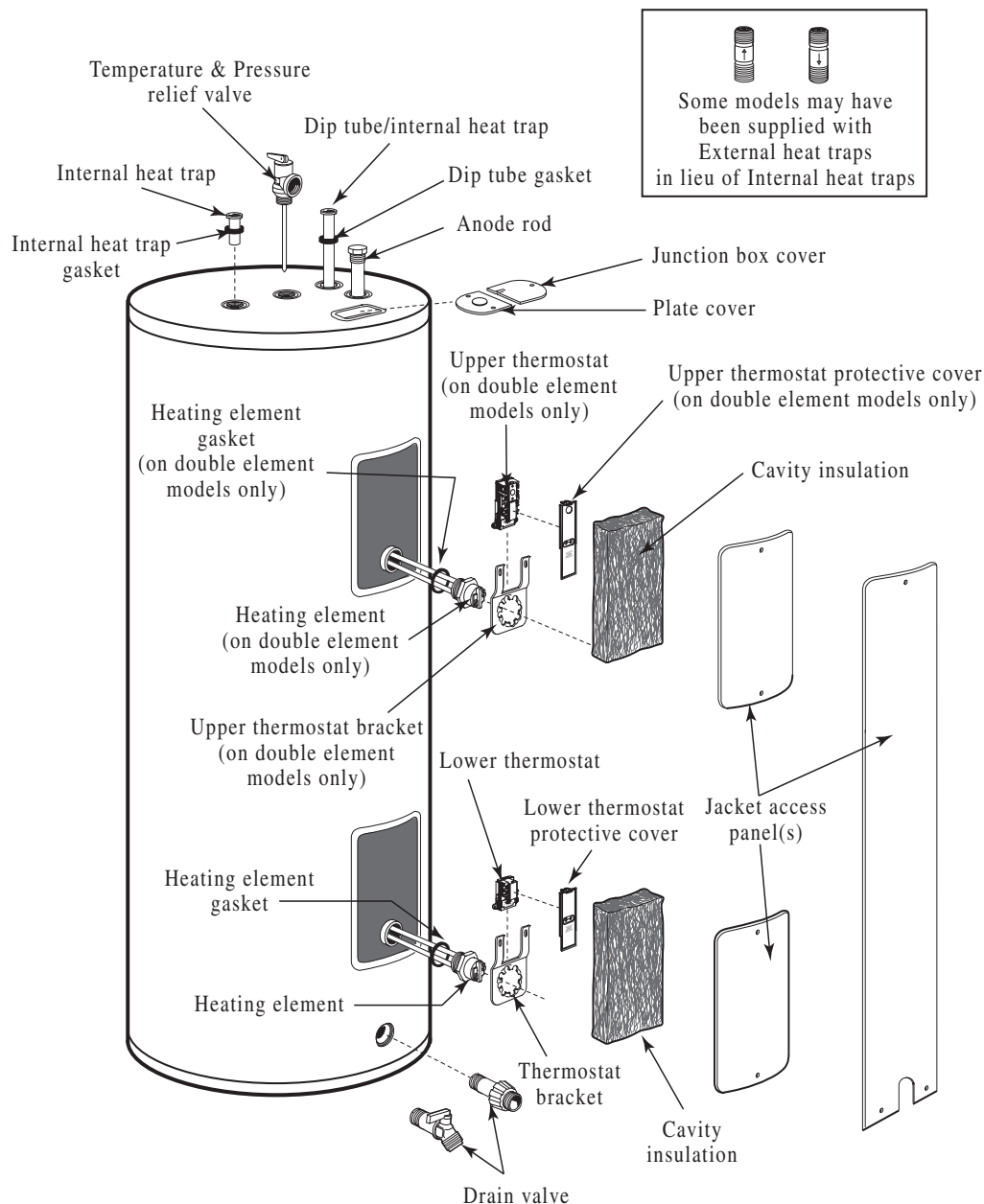
Address parts orders to the distributor or store where the heater was purchased.

All parts orders should include:

- 1** The model and serial number of the water heater from the rating plate.
- 2** Specify voltage and wattage as marked on the rating plate.

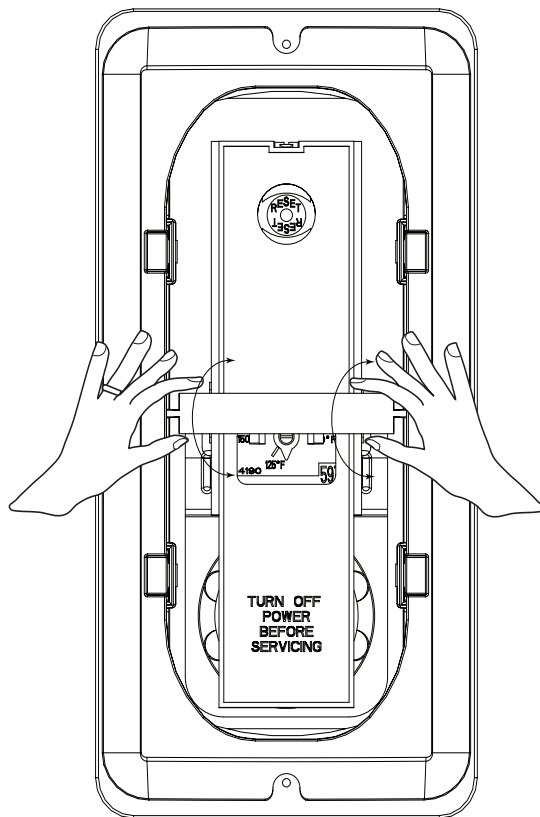
- 3** Part description (as noted below) and number of parts desired.

⚠ CAUTION: For your safety DO NOT attempt repair of electrical wiring, thermostat(s), heating elements or other operating controls. Refer repairs to qualified service personnel.



Cavity Insert Instructions

The following instructions are intended for qualified service personnel **ONLY**, and should only be done when necessary.



In order to replace the thermostat or heating element, remove the cavity insert crossbar by following the instructions below:

- 1 Turn off the power to the water heater.
 - 2 Remove the jacket access panel(s) and insulation.
 - 3 Rotate the crossbar up and down until it breaks away from the remainder of the cavity insert.
(See illustration to the left)
- Discard the crossbar. It cannot and need not be replaced.
- 4 Replace the thermostat and/or element as necessary.
 - 5 Replace the insulation and jacket access panel(s) before turning on the power to the water heater.

NOTICE: The cavity insert crossbar is necessary for the manufacturing process only. The removal of the crossbar will not interfere with the operation of the water heater.

IF YOU NEED SERVICE

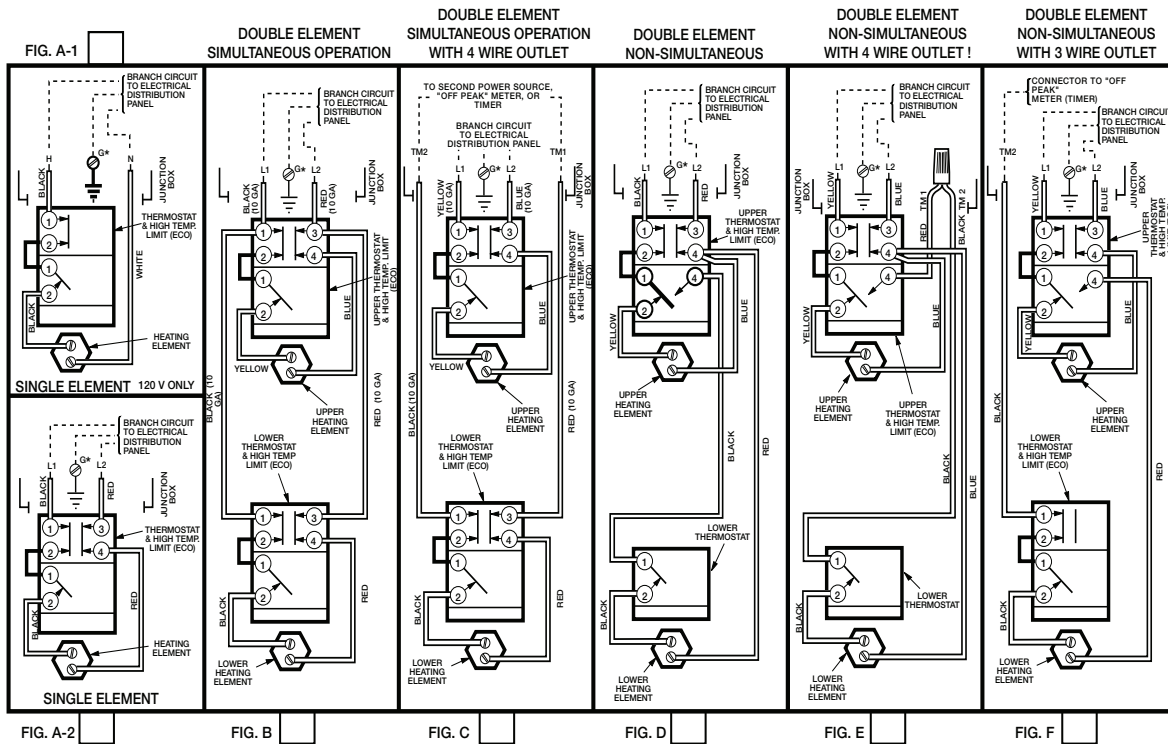


1. Should you have any questions about your new water heater, or if it requires adjustment, repair, or routine maintenance, it is suggested that you first contact your installer, plumbing contractor or previously agreed upon service agency. In the event the firm has moved, or is unavailable, refer to the telephone directory, commercial listings or local utility for qualified service assistance.
2. Should your problem not be solved to your complete satisfaction, you should then contact the Manufacturer's National Service Department at the following address:

1241 Carwood Court
 Montgomery, Alabama 36117
 Phone: 1-866-279-4566.

When contacting the manufacturer, the following information will be requested:

- a. Model and serial number of the water heater as shown on the rating plate attached to the jacket of the heater.
- b. Address where the water heater is located and physical location.
- c. Name and address of installer and any service agency who performed service on the water heater.
- d. Date of original installation and dates any service work was performed.
- e. Details of the problems as you can best describe them.
- f. List of people, with dates, who have been contacted regarding your problem.



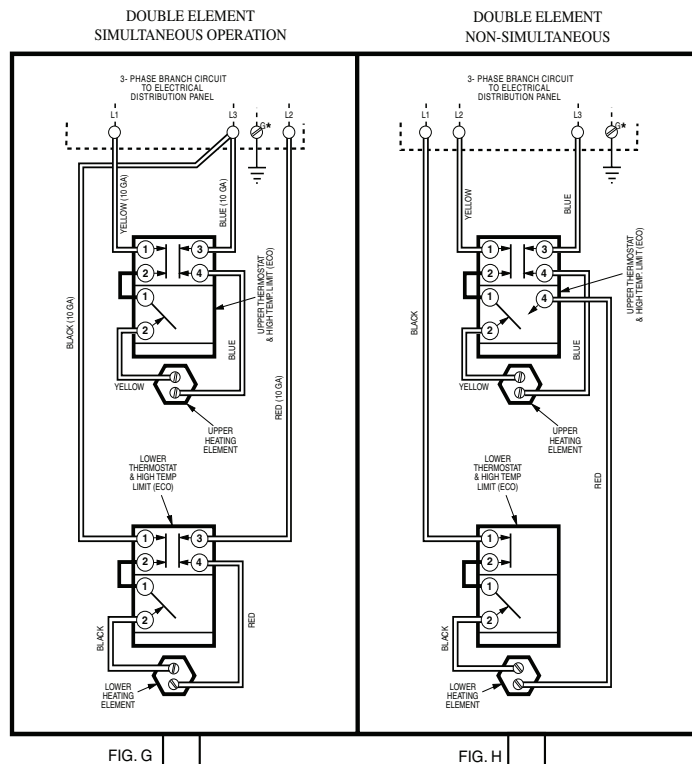
* Grounding conductor may be required. Refer to Wiring Section of Manual

! This water heater is factory equipped for two (2) wire connection to electrical power. For use with "off-peak" meter (timer) remove wire nut from red and black leads and connect to "off-peak" meter (timer).

THIS ELECTRIC WATER HEATER IS WIRED AS INDICATED ABOVE OR BELOW

Wiring Diagrams Electric Water Heaters for 3 - Phase Applications Therm-O-Disc Thermostats (Type 59T)

For the connection of this water heater to a 3-Phase Branch Circuit, connect field wiring to the water heater as indicated in the appropriate wiring diagram at right. A separate junction box is being supplied with this water heater (check bottom of carton) to accommodate wiring and conduit connections. Install the Junction Box as shown on the Installation/Instruction Sheet included in the plastic bag attached to the heater.



LABOR, SHIPPING, AND PROCESSING COSTS

The Limited Warranty does **NOT** cover any **labor expenses** for service, repairs, reinstallation, permits, or removal and disposal of the failed water heater, or defective component part(s). All such expenses are your responsibility.

Rheem will pay the **transportation costs** for an "in-warranty" replacement water heater, or "in-warranty" replacement component part(s), to a convenient delivery point (selected by Rheem) near the place the original water heater, or original component part(s) is located: such as a local Rheem water heater distributor. You must pay any local freight charges, including the cost of returning the failed water heater, or defective component part(s), to a convenient shipping location (selected by Rheem): such as a local Rheem water heater distributor or Ruud water heater distributor.

Rheem does **NOT** authorize, recommend, or receive any benefit from any **claims processing or similar fees** charged by others to process warranty claims for any Rheem water heater, or component part(s). Rheem will **NOT** reimburse any party for these, or any other, fees not specifically covered in this Limited Warranty document.

DO NOT RETURN THIS DOCUMENT TO RHEEM.

KEEP IT WITH YOUR WATER HEATER OR BUSINESS RECORDS.

Name of Owner: _____

Owner's Address: _____

Name of Plumber/
Mechanical Contractor - Installer: _____

Address of Plumber/
Mechanical Contractor - Installer: _____

Telephone Number of Plumber/
Mechanical Contractor - Installer: _____

Date of Water Heater Installation: _____

Model Number of Your Water Heater: _____

Serial Number of Your Water Heater: _____

Rheem Sales Company Inc.
Claims Department
1241 Carwood Court
Montgomery, Alabama 36117

Important Telephone Numbers:
Rheem Claims Department
(800) 621-5622
Rheem Technical Service Department
(800) 432-8373

Certificate of Limited Warranty



Rheem® and Ruud® Water Heaters

**RESIDENTIAL GAS OR ELECTRIC
WATER HEATERS
WITH A 6 YEAR TANK AND 6 YEAR PARTS
LIMITED WARRANTY**

LIMITED WARRANTY

For the RHEEM® or RUUD® Residential Gas or Electric Water Heater Models

GENERAL

This Limited Warranty is only available to the original owner of this water heater. It is not transferable.

Rheem Sales Company, Inc. (Rheem®) warrants this Rheem® or Ruud® water heater, and its component parts, to be free from defects in materials and workmanship, under normal use and service, for the Applicable Warranty Period. At its option, Rheem will repair or replace the defective water heater, or defective component part(s), in accordance with the terms of this Limited Warranty, if it fails in normal use and service during the Applicable Warranty Period. The replacement water heater must be manufactured by Rheem. The replacement component part(s) must be Rheem authorized component part(s). The replacement unit will be warranted only for the unexpired portion of the original unit's Applicable Warranty Period.

APPLICABLE WARRANTY PERIODS

The Applicable Warranty Periods are six (6) years from the Effective Date for the tank and the component parts if the water heater is installed in a single-family dwelling. If the water heater is installed anywhere other than a single-family dwelling, the Applicable Warranty Periods will be limited to one (1) year from the Effective Date.

EXCLUSIVE WARRANTY – LIMITATION OF LIABILITY

This Limited Warranty is the only Warranty for this unit given by the Water Heater Division of Rheem Sales Company. No one is authorized to make any other warranties on behalf of Rheem. **ANY IMPLIED WARRANTIES, INCLUDING MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE, SHALL NOT EXTEND BEYOND THE APPLICABLE WARRANTY PERIODS SPECIFIED PREVIOUSLY. RHEEM'S SOLE LIABILITY, WITH RESPECT TO ANY DEFECT, SHALL BE AS SET FORTH IN THIS LIMITED WARRANTY, AND ANY CLAIMS FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING DAMAGE FROM WATER LEAKAGE) ARE EXCLUDED.** Some states do not allow limitations on how long an implied warranty lasts, or for the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This Limited Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

We suggest you immediately complete the information on the back of this warranty and retain this Certificate of Limited Warranty in the event warranty service is needed. Reasonable proof of the date of original purchase of the water heater may be required to establish its "in-warranty" status.

WARRANTY EXCLUSIONS

This Limited Warranty will **NOT** cover:

- Service trips to your home to teach you how to install, use, or maintain this water heater or to bring the water heater installation into compliance with local building codes and regulations.
- Damages, malfunctions or failures resulting from failure to install the water heater in accordance with applicable building codes/ordinances or good plumbing and electrical trade practices.
- Damages, malfunctions, or failures resulting from improper installation or failure to operate and maintain the water heater in accordance with the manufacturer's instructions provided.
- Performance problems caused by improper sizing of the water heater or (pertaining to gas models) the gas supply line, the venting connection, or combustion air openings or (pertaining to electric models) electric service voltage, wiring, or fusing.
- Damages, malfunctions, or failures caused by improper conversion from natural gas to LP gas or LP gas to natural gas fuel source.
- Damages, malfunctions, or failures caused by operating the water heater with the anode rod removed or with modified, altered, or unapproved parts installed.
- Damages, malfunctions, or failures caused by abuse, accident, fire, flood, freeze, lightning, acts of God, and the like.
- Tank failures (leaks) caused by operating the water heater in a corrosive or contaminated atmosphere.
- Damages, malfunctions, or failures caused by operating the water heater with an empty, or partially empty, tank (also known as "dry firing").
- Damages, malfunctions, or failures caused by operating the unit at water temperatures exceeding the maximum setting of the operating, or high limit, control.

- Tank failures caused by operating the water heater when it is not supplied with potable water, free to circulate at all times.
- Damages, malfunctions or failures caused by subjecting the tank to pressures, or firing rates, greater than those shown on the rating label.
- Damages, malfunctions or failures resulting from the use of any attachment, including any energy saving device, not authorized by Rheem.
- Units installed outside the fifty states (and the District of Columbia) of the United States of America.
- Units removed from the original installation location.
- Units that have had their rating labels removed. A water heater should not be operated if the rating label is removed.

HOW TO OBTAIN WARRANTY CLAIM ASSISTANCE

Any claim for warranty assistance must be made promptly. First, determine if your water heater is "in-warranty" (that is, within the Applicable Warranty Period). You can determine your unit's warranty status by obtaining the complete model number, the complete serial number, and the date of original purchase of your water heater and then accessing the "Warranty Verification" information on the Rheem Water Heater Division's Internet website (www.rheem.com) or contacting Rheem Water Heaters' Claims Department (telephone (800) 621-5622) during normal business hours to determine if the Applicable Warranty Period has expired.

If your water heater is "in-warranty", contact the plumber, or mechanical contractor, that installed it for assistance with the warranty repairs, or replacement, required. You may also select a plumber, or mechanical contractor, from your local Yellow Pages to assist you. Rheem Water Heaters' Technical Service personnel are available to assist you – by telephone (800) 432-8373 or via our website (www.rheem.com) – in obtaining "in-warranty" service or to answer your questions about the operation or repair of your water heater during normal business hours. Be prepared to provide the plumber, mechanical contractor, or Rheem Technical Service person you call with the complete model number, the complete serial number, and the date of original purchase of your water heater in addition to an explanation of your water heater problem.

If an exact replacement is not available, Rheem will provide you with the current model of your water heater, or component part(s), or a replacement unit with comparable operating features. If government regulations or industry certification or similar standards require the replacement water heater, or replacement component part(s), to have features not found in the defective water heater, or the defective component part(s), you will be charged for the difference in price represented by those required features. If you pay the price difference for those required features and/or to upgrade the size and/or other features available on a replacement new water heater, you will also receive a complete new Limited Warranty (with the full Applicable Warranty Period) for the replacement new water heater.

Rheem reserves the right to inspect, or require the return of, the failed water heater or the defective component part(s). Each "in-warranty" failure water heater must be made available to Rheem (with the rating label and all the component parts intact) in exchange for the replacement water heater. Each defective "in-warranty" component part to be replaced must be returned to Rheem in exchange for the replacement component part.

Warranty compensation is subject to validation of "in-warranty" coverage by Rheem Claims Department personnel.

- To obtain warranty compensation for an "in-warranty" water heater failure, you must provide Rheem with: (at Rheem's option) either the failed water heater (with the rating label and all the component parts intact) or the complete original rating label (photocopies are not acceptable) removed from the failed water heater; the complete model number and the complete serial number of the Rheem or Ruud water heater that replaced the failed unit; and the date the original water heater failed. You may also be required to provide documentary proof of the failed water heater's date of original purchase to establish its "in-warranty" status.
- To receive warranty compensation for an "in-warranty" defective component part, you must provide Rheem with: the defective component part; the complete model number and the complete serial number of the Rheem or Ruud water heater from which the defective component part was removed; and the date the defective component part failed. You may also be required to provide documentary proof of the date of original purchase of the Rheem or Ruud water heater from which the defective part was removed – or the date of purchase of the part (if it was purchased separately) – to establish the "in-warranty" status of the defective component part.

Warranty claim documentation should be mailed promptly to Rheem Water Heaters, Claims Department, 1241 Carwood Court, Montgomery, Alabama 36117.

(CONTINUED ON REVERSE)

VENDOR	DESCRIPTION	PAGE
Karlson	Karlson 2.1 Gallon Expansion Tank	94

Potable Hot Water Expansion Tank Installation Instructions

⚠ WARNINGS!

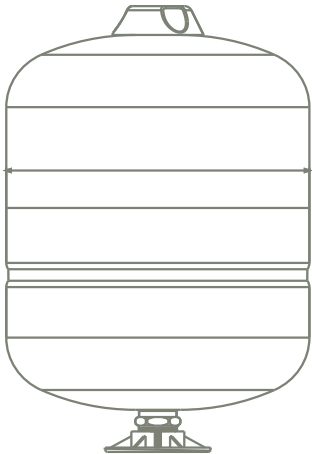
Improper installation, adjustment, alteration, service or maintenance can cause property damage, serious bodily injury or death. Read instructions completely before proceeding with installation. Only qualified personnel may install or service this equipment in accordance with local codes and ordinances.

Do not exceed 80psi (5.5 bar) air charge. Air charge pressure exceeding 80psi (5.5 bar) could become hazardous and will void any and all warranties, either written or implied. Failure to follow these instructions will result in the possibility of property damage, serious bodily injury or death.

This Expansion Tank is designed and intended for potable water storage at a maximum pressure of 150psi (10.3 bar) and a maximum temperature of 200°F (93°C). Any use other than for potable water or a sustained or instantaneous pressure in excess of 150psi (10.3 bar) or 200°F (93°C) is UNSAFE and can cause property damage, serious bodily injury or result in death.

DISCLAIMER: The manufacturer of this tank does not accept any liability or other responsibility for personal injury or property damage resulting from improper use, installation or operation of this tank or the system of which it is a part.

NOTICE: The expansion tank, piping and your connections may in time leak. Select a location to install the expansion tank where a water leak will not damage the surrounding area. The manufacturer is not responsible for any water damage in connection with this expansion tank.

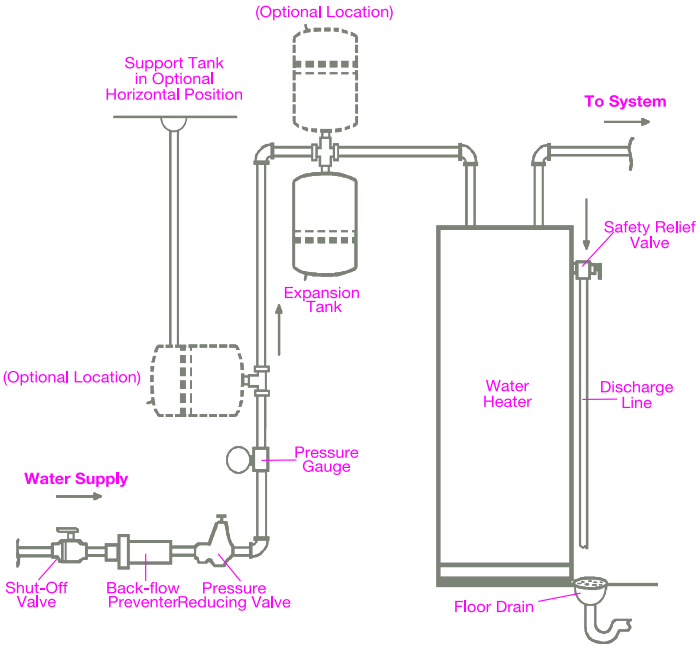


ACCEPTANCE VOLUME			
AIR SIDE PRE-PRESSURE		WATER SIDE VOLUME @ 150psi (10.3 bar) (gallons)	
psi	(bar)	2.1 Gallons	4.5Gallon
20	(1.4)	(1.48)	(3.42)
40	(2.8)	(1.26)	(2.88)
60	(4.1)	(1.00)	(2.49)
80	(5.5)	(0.80)	(1.85)

CAUTION

Pre-charge prior to installation in the system. Do not adjust the air pre-charge of the expansion tank with the system under pressure. The air pre-charge should only be adjusted under zero system pressure.

GENERAL INFORMATION		
DESCRIPTION	2.1 Gallons	4.5 Gallons
Maximum Pressure - psi	150	150
Maximum Temperature - °F	200	200
Tank Volume - gallons	2.1	4.5
Tank Acceptance - gallons	1.26	2.8
Air Pre-Charge - psi	40	40
Connection Size - inches	3/4" Male	3/4" Male
Diameter - inches	8	11
Length - inches	12	15
Weight - lbs	4.5	8



WARNING This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

VENDOR	DESCRIPTION	PAGE
Charlotte Pipe	1-1/2" PVC UNION PTRAP	
Easy Flex	Stainless Steel Braided Water Connectors	
Karlson	Karlson 3/8" X 1/2" X 20" Comp X Female Braided Stainless Faucet Flex Supply Line	
HydraPro	Hydrapro 5/8"odx3/8"od Compression Angle Stop Chrome Plated	96
Gemline	Gemline GL2052PC Escutcheon	
IPS Corporation	Softguard Plus White P-trap	98

HYDRAPRO INC. INVOICE TERMS AND CONDITIONS

EFFECTIVE DATE August 18, 2014

Controlling Provisions: These terms and conditions shall supersede any provisions, terms and conditions contained on any confirmation order, or other writing Buyer may give or receive to Seller ("HydraPro Inc.") and the rights of the parties shall be governed exclusively by the provisions, terms and conditions hereof. HydraPro Inc. makes no representations or warranties concerning this order except such as are expressly contained herein, and this order may not be changed or modified orally. HydraPro Inc. Terms and Conditions of Sale have been previously provided to Buyer and additional copies are available upon request from HydraPro Inc.

Payment: HydraPro Inc. required payment terms are stated on the invoice. Invoices not paid as provided will be due and payable on a net basis on the 30th day following the invoice date. A service charge of 1.5% (18% per annum) or the maximum finance charge permitted by applicable state law (with interest being due from the date of shipment) will be added monthly on all past due invoices. Freight, taxes and miscellaneous charges are not eligible for cash discounts. In addition to its other rights, HydraPro Inc., shall be entitled to recovery from Buyer of all cost, the fees of any third party collection agency, and attorney's fees equal to the lesser of 15% of the principal and interest due or the maximum amount allowed by applicable state law.

HydraPro Inc. will be unable to ship to any customer whose latest statement shows a balance which is ten (10) days beyond the due date until such balances are paid or arrangements to pay have been made with our credit department. HydraPro Inc., reserves the right to notify a general contractor or owner if HydraPro Inc., is not paid within terms.

HydraPro Inc. reserves the right at any time to suspend credit or to change credit terms provided herein, when in his sole opinion Buyer's financial condition so warrants. In such case in addition to any other remedies herein or by law provided, cash payment or satisfactory security from Buyer may be required by HydraPro Inc. before shipment or the due date of payment by Buyer under any contract or order with HydraPro Inc. may be accelerated by HydraPro Inc. Failure to pay invoices at maturity date makes all subsequent invoices immediately due and payable, irrespective of terms and HydraPro Inc. may withhold all subsequent deliveries until the full account is settled. HydraPro Inc.'s acceptance of less than full payment shall not be a waiver of any of his rights. No cash discount will be allowed on payments made by trade acceptances, notes, securities, postdated checks, etc., and any such method of payment must first be approved in writing by HydraPro Inc.

HydraPro Inc. shall have the right, in addition to all others it may possess, at any time, for credit reasons or because Buyer's default or defaults to withhold shipments, in whole or in part, and to recall goods in transit retake same and repossess all goods which may be stored with HydraPro Inc. for Buyer's account without the necessity of taking any other proceedings and Buyer consents that all the merchandise so recalled, retaken or repossessed shall become HydraPro Inc.'s absolute property provided the Buyer is given full credit less any restocking charge, freight or other applicable charges. The foregoing shall not be construed as limiting, in any manner, any of the rights or remedies available to HydraPro Inc. because of any default of Buyer under the Uniform Commercial Code as in force and effect on the date of this agreement.

Freight: Shipments from HydraPro Inc. locations are sent F.O.B. origin with the freight prepaid and allowed on orders having a minimum value of 2500.00 net however the freight allowance will be awarded only if your invoice is paid as provided on the invoice. Shipment from vendors are; F.O.B. origin, with freight possibly being prepaid according to vendor requirements. Freight on pipe shipments shipped from our warehouse locations is added to the invoice.

Warranties: Product sold by HydraPro Inc. carry only the manufacturer's warranty, if any. Copies are available upon request. HydraPro Inc. shall not be held liable for any incidental or consequential damages resulting from any defect in material or workmanship. We will work with you closely to resolve any warranty claim. For all purposes, **HydraPro Inc. shall be considered a "product seller" as defined in O.C.G.A. section 51-1-11.1 or as any similar defined product distributor under any other state or federal statute, law, rule, regulation or case to which this contract may be subject.**

THE BUYER ACKNOWLEDGES THAT HE IS NOT RELYING ON HYDRAPRO INC'S SKILL OR JUDGEMENT TO SELECT OR FURNISH GOODS SUITABLE FOR ANY PARTICULAR AND THAT THERE ARE NOT WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION OF THE FACE HEREOF. HYDRAPRO INC. SHALL IN NO EVENT BE LIABLE FOR ANY BREACH OF WARRANTY.

THE MANUFACTURER'S WARRANTY AND THE OBLIGATIONS AND LIABILITIES OF MANUFACTURER THEREUNDER, IF ANY, ARE EXCLUSIVE AND IN LIEU OF AND BUYER HERBY WAIVES ALL OTHER REMEDIES, WARRANTIES, GUARANTIES OR LIABILITIES, EXPRESS OR IMPLIED ARISING BY LAW OR OTHERWISE (INCLUDING WITHOUT LIMITATION ANY OBLIGATIONS OF HYDRAPRO INC. WITH RESPECT TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY OR INCIDENTAL AND CONSEQUENTIAL DAMAGES) EXCEPT WHEN OCCASIONED BY HYDRAPRO INC'S GROSS NEGLIGENCE. THIS WARRANTY SHALL NOT BE EXTENDED, ALTERED OR VARIED EXCEPT BY A WRITTEN INSTRUMENT SIGNED BY HYDRAPRO INC. AND BUYER.

HYDRAPRO INVOICE TERMS AND CONDITIONS

EFFECTIVE DATE August 18, 2014

Without limiting the generality of the foregoing, this exclusion from liability embraces the Buyer's expenses for downtime or for making up downtime, damages for which the Buyer may be liable to other persons, damages to property and injury to or death of any persons. HydraPro Inc. neither assumes nor authorizes any person to assume for it any other liability in connection with the sale or use of products sold by HydraPro Inc., and there are no oral agreements or warranties collateral to or affecting this agreement.

The maximum amount of any recovery by Buyer under this contract shall be the difference between the value of the goods accepted and the value they would have had if they had been as warranted by the manufacturer. No claim shall be made against HydraPro Inc. for damages of a different amount, nor may any recovery be made for incidental or consequential damages.

If any goods are believed to be defective, Buyer shall not return the goods, but shall notify HydraPro Inc. immediately, stating in writing the full particulars in support of its claim, and HydraPro Inc. will help Buyer in submitting the claim to the manufacturer, but HydraPro Inc. shall not in any manner have any liability with respect to such defective goods or its actions on behalf of the Buyer.

Rejection: If buyer wrongfully rejects the goods or fails to make a payment due on or before delivery or repudiates with respect to a part of the whole contract, then with respect to any goods directly affected and if the breach is of the whole contract, then also with respect to the whole undelivered balance, HydraPro Inc. may withhold delivery of such goods, stop delivery of such goods in possession of a carrier or other bailee, and recover damages for nonacceptance or repudiation. The measure of damages shall be the difference between the market price at the time and place for tender and the unpaid contract price, together with any incidental damages but less expenses saved in consequence of Buyer's breach.

Shipment & Invoice Errors: All material distributed by HydraPro Inc. are to be inspected upon delivery and should such material not appear to meet the Buyer's order, HydraPro Inc. should be contacted immediately. Under no circumstances shall HydraPro Inc. be liable for incidental or consequential or other damages, losses, or expenses in connection with or by reason of the use of or inability to use materials purchased for any purpose.

Claims for errors in shipment, errors in billing, or shortages, shall be deemed waived and released by Buyer, unless made in writing within ten days after arrival of the merchandise. Buyer expressly waives any rights Buyer may have to revoke acceptance after such ten-day period.

Pricing: We make every effort to give you advance notice of price changes. Changes are usually prompted by fluctuations passed on by the manufacturers whose products we distribute. We mail, email, make sheets available on web sites and/or hand deliver updated price sheets reflecting changes as needed. Although we make these efforts in extenuating circumstances, however, prices may change without notice. Generally prices are determined as of the date of shipment.

Government Contracts: If a government contract number is shown on the invoice, clauses contained in the ASPR, and which the government makes mandatory for a contractor under a government contract to include in its subcontracts thereunder, will apply to this order.

Returned Material: In no case are goods to be returned without first obtaining our permission. Only unused material which is currently distributed by HydraPro Inc. and is in resalable condition will be considered for return. Material accepted for credit is subject to a minimum service charge of 30% percent plus all transportation charges. Goods must be securely packed to reach us without damage. In the event we cannot accept the material, we will make every effort to have it returned to the manufacturer.

Limited Warranty

IPS Corporation ("IPS Corp.") warrants to all original purchasers of IPS Corp. products that all new IPS Corp. products shall be of good quality and free from defects in material and workmanship for the product's shelf life. If any IPS Corp. product becomes defective, or fails to conform to this written limited warranty under normal use and storage conditions, and if the original purchaser complies with the terms of this limited warranty, then IPS Corp. will, without charge, replace the nonconforming product. This limited warranty shall extend to all products manufactured and sold by IPS Corp. However, this limited warranty shall not extend to, nor shall IPS Corp. be responsible for, damages or loss resulting from accident, misuse, negligent use, improper application, or incorporation of IPS Corp. products into other products. In addition, any repackaging of IPS Corp. products also shall void the limited warranty provided herein.

Any defective IPS Corp. products shall be replaced pursuant to the terms of this limited warranty by returning the defective product, with transportation charges prepaid, to IPS Corp. at the following addresses:

For WELD-ON® Cements, Primers and Assembly Adhesives

IPS Corporation

Attn: Customer Service
455 West Victoria Street
Compton, CA 90220

For WATER-TITE®, TEST-TITE®, GUY GRAY™, TRUEBRO®, and STUDOR® Products

IPS Corporation

Attn: Customer Service
500 Distribution Pkwy,
Collierville, TN 38017

For WELD-ON® Structural Adhesives

IPS Corporation

Attn: Customer Service
600 Ellis Road,
Durham, NC 27703

Any implied warranty in connection with any IPS Corp. product hereby is limited in duration to the period of this limited warranty. IPS Corp. shall not be responsible for, nor does this limited warranty extend to, consequential damage, or incidental damage or expense, including without limitation, injury to persons or property or loss of use. This limited warranty is in lieu of all other express warranties of IPS Corp., and IPS Corp. does not assume, nor does it authorize any person to assume on its behalf, any other obligation or liability.