

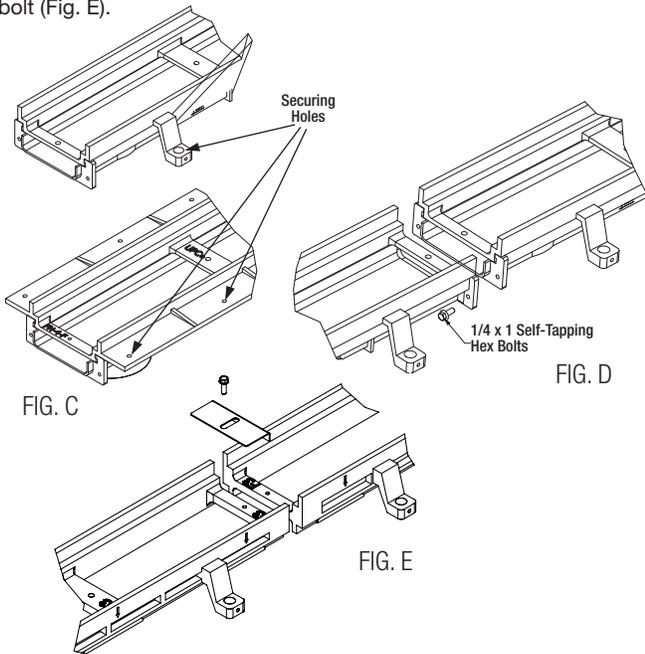
Anchoring & Leveling

Dead Level S & Dead Level Z channel systems ship with the channels attached to the structural frames. All channels are neutral (no slope), so the direction of flow should follow any slope in the slab.

Starting with the outlet, align Dead Level sections along a precast cavity, or cast-in-place framing. Fasten all channel sections together, and attach the end caps with the 1" flanged thread forming screws provided (Fig. D).

Secure the frames (fasteners not supplied) to the structure through holes in the ears (Dead Level S) or flange (Dead Level Z). Fasteners or threaded rod installed through the holes in the ears or flange can also be used to adjust and level the system as necessary (Fig. C).

Join the frames together using the frame connectors and a 3/8" hex bolt (Fig. E).



NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
For more information: Watts.com/prop65

Limited Warranty: Watts Regulator Co. (the "Company") warrants each product to be free from defects in material and workmanship under normal usage for a period of one year from the date of original shipment. In the event of such defects within the warranty period, the Company will, at its option, replace or recondition the product without charge.

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The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and the Company shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, or any other circumstances over which the Company has no control. This warranty shall be invalidated by any abuse, misuse, misapplication, improper installation or improper maintenance or alteration of the product.

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Grate Installation

Grates should always be installed prior to the concrete pour. If used, install Frames Guards prior to setting the grates (Fig. F). Install grates along the length of the channel, and secure with hex head or counter-sunk lock bolts provided (Fig. G). Position Construction Covers over the grates, with the flange between the grate and frame (Fig. H).

Piping Connection

Dead Level deck channels are provided with a 4" IPS threaded outlet. Open the desired channel outlet(s) by drilling from the underside with a 4" hole saw. Make the piping connection with a suitable 4" threaded nipple or adaptor (by others).

Concrete Pour

Channels are typically installed on a precast or cast-in-place structural slab, then finished with a secondary or topping pour. The top edge of the channel frame should be minimum 1/16" below the slab surface after finish troweling to ensure the frame remains below the surface when the concrete is fully cured.

Final Inspection

After the concrete is dry, remove the construction covers, and retighten the grate lockdowns. If construction covers will not pry out easily, cut the cover, and loosen the grate lockdown to free the sides of the cover.

