

Installation Instructions

No. LFP3

Multi-Orifice Flow Control for Tankless Heaters

WARNING



Read this Manual **BEFORE** using this equipment. Failure to read and follow all safety and use information can result in death, serious personal injury, property damage, or damage to the equipment. Keep this Manual for future reference.



Installation

1. Solder No. LFP3 into supply line to tankless heater, or other equipment. This device can be installed either horizontally or vertically.
2. Lightly tighten packing gland nut.
3. Locate adjusting cap on spindle and adjust to required flow setting by matching up the desired setting with the line on the casting.
4. Insert lock washer and tighten lock screw to adjusting cap.

Adjustment

If a different flow setting is required, loosen lock screw and move adjusting cap to desired setting locating this over the matching line in the body. Tighten lock screw.

NOTICE

If minor leakage occurs, remove lock screw, lock washer and cap and lightly tighten packing gland nut.

Capacity

Watts No. LFP3 Flow Control is designed to give the rated capacity in gallons per minute as numbered on the adjustment cap at 50 psig supply pressure. For other pressures, refer to the Flow Table for corresponding adjustment setting. It is recommended that supply pressure be determined with a gauge to assure accurate flow.

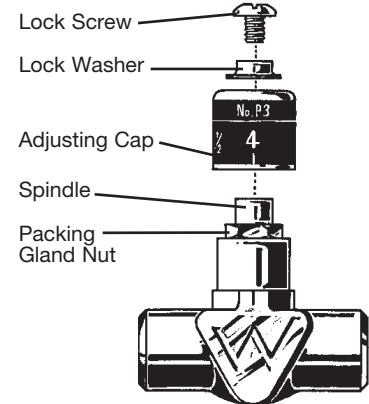
For example, 80 psig supply pressure results in the following:

“ATTN. INSTALLER: After installation, please leave this Instruction Sheet for occupant’s information.”

Flow Table (gpm)

| SUPPLY PRESSURE PSI | ADJUSTMENT SETTING NO. | | |
|---------------------|------------------------|-----|-----|
| | 3 | 3½ | 4 |
| 30 | 2.3 | 2.7 | 3.1 |
| 40 | 2.7 | 3.1 | 3.6 |
| *50 | 3 | 3.5 | 4 |
| 60 | 3.3 | 3.8 | 4.4 |
| 70 | 3.5 | 4.1 | 4.7 |
| 80 | 3.8 | 4.4 | 5.1 |
| 90 | 4 | 4.7 | 5.3 |
| 100 | 4.2 | 4.9 | 5.6 |
| 110 | 4.5 | 5.2 | 5.9 |
| 120 | 4.6 | 5.4 | 6.2 |
| 130 | 4.8 | 5.6 | 6.4 |
| 140 | 5 | 5.8 | 6.7 |
| 150 | 5.2 | 6.1 | 6.9 |

*Adjustment Cap Settings



| ADJUSTMENT SETTING NO. | FLOW GPM |
|------------------------|----------|
| 3 | 3.8 |
| 3½ | 4.4 |
| 4 | 5.1 |

| WATTS | No. P3 | No. Andover, MA | G.P.M. @ 50 P.S.I. |
|-------|--------|-----------------|--------------------|
| 2½ | 3 | 3½ | 4 |

Vertical marker line just to left of 3 gpm marker line signifies minimum adjustable volume (approx. 2½ gpm) when supply pressures exceed 50 psi.

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

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