

For Residential and Light Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

ThermalPro™ Standard Basic

1" Base Manifold Size

The ThermalPro™ Standard Basic panels are available with or without pre-wired actuators and corresponding actuator control. Available with Watts' standard 1" Stainless Steel manifold.

Specifications

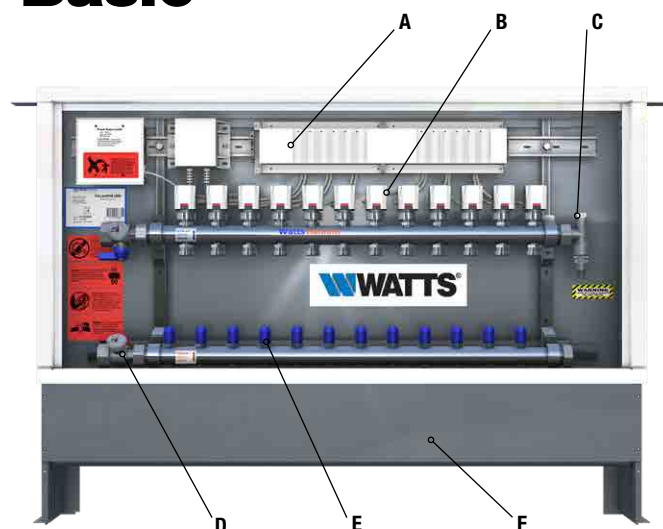
Includes a 1" stainless steel manifold housed in a powder-coated steel enclosure with a latching door. Panels include manifold isolation valves with temperature gauges and a vent/purge assembly. The enclosure is designed to be recessed into a standard 4" wall cavity.

Maximum flow rate for entire manifold is 12 gpm. Individual circuit flow meters measure 0-2 gpm each. Manifolds are available in M-2 through M-12.

Panels with actuators may require an optional pressure differential by-pass valve (ordered separately). If the by-pass is used, the maximum manifold size is reduced to an M-10 manifold.

Features

- Flush mounted white powder coated galvanized enclosure with locking (screwdriver slot) access cover
- Enclosure depth can be expanded from 4½" to 5½"
- Optional pre-wired actuators (specific models only)
- Stainless Steel Manifold Pair
- Vent/Purge Assembly
- Trunk isolation ball valves with integrated temperature gauges
- Integrated circuit flow meters



- A Actuator Control
- B Circuit Actuator and Balance Valve
- C Vent/Purge Assembly
- D Isolation Valve with Temperature Gauge
- E Circuit Flow Meter
- F Powder-coated Enclosure

⚠ CAUTION

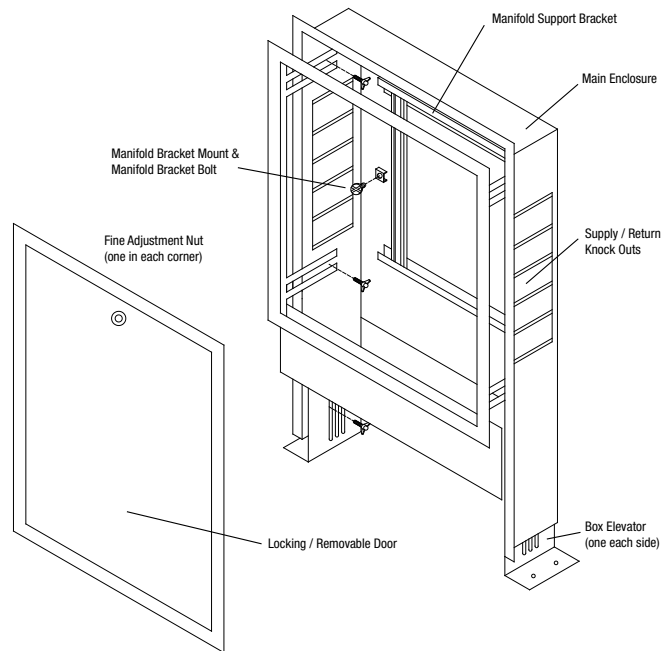
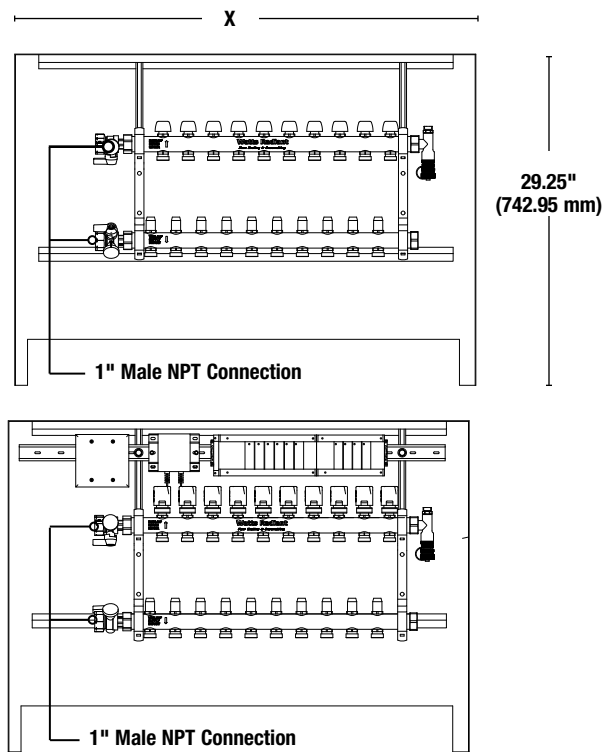
This Engineering Sheet is not intended to provide full installation instructions and safety information. In order to avoid property damage or injury, please refer to the complete installation manual and product safety information provided with the product.

⚠ WARNING

General Safety Instructions

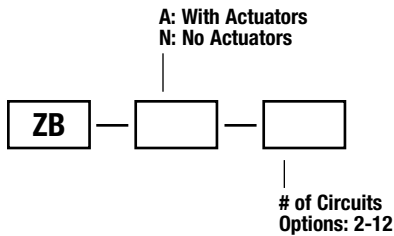
1. THIS UNIT SHOULD BE INSTALLED ONLY BY QUALIFIED PERSONNEL!
2. Disconnect all power from the control before opening the front cover plate.

Typical Dimensions



ThermalPro Standard Basic shown with and without actuators. Access door, frame, and access panel removed for clarity.

Recessed enclosure measures: 29" tall x 4½" deep. Can be expanded to 5½" deep.



DESCRIPTION	MODEL #	WT (LBS)	X
2 Circuits	ZB-__-__	30-40	25.5" (64.77 cm)
3 Circuits		30-40	
4 Circuits		30-40	
5 Circuits		50-65	
6 Circuits		50-65	41.5" (105.41 cm)
7 Circuits		50-65	
8 Circuits		50-65	
9 Circuits		50-65	
10 Circuits		50-65	
11 Circuits		50-65	
12 Circuits		50-65	

Typical Configuration

Standard manifold assemblies are available in 1" configurations only. Refer to the larger ThermalPro assemblies with 1½" Stainless Steel Manifolds if greater than 12 gpm is required.

