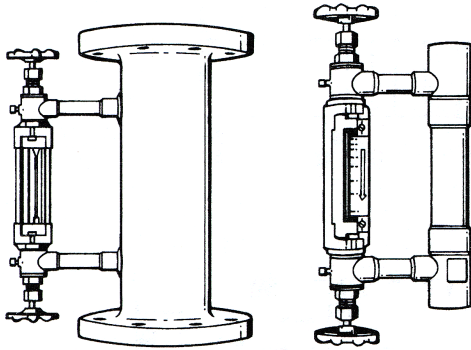


JOB:	REPRESENTATIVE:	
UNIT TAG:	SUBMITTED BY:	DATE:
ENGINEER:	APPROVED BY:	DATE:
CONTRACTOR:		



Thermoflo® Indicator

Engineered Products

DESCRIPTION

The Thermoflo Indicator is an indicating flow meter for measuring the flow of heated or chilled water. Installed in each circuit of a hydronic system, it permits simple balancing to meet design flow conditions.

CONSTRUCTION -SIZES 1-1/4" TO 2-1/2"

Fittings - bronze; connecting tube - copper, shut-off valves - brass; indicator body - cast iron; indicator tube - Borosilicate glass; indicating device Type 302 - stainless steel.

CONSTRUCTION - SIZES 3" TO 8"

Main body - steel pipe and flanges; other construction identical with above.

SCHEDULE

MODEL NUMBER	SIZE INCHES	FLOW RANGE GPM (LITERS/MIN)	TAGGING INFORMATION	QUANTITY
TFI-1-1/4	1-1/4	10-40 (37.8-151.4)		
TFI-1-1/2	1-1/2	15-69 (56.8-261.2)		
TFI-2	2	25-85 (94.6-321.8)		
TFI-2-1/2	2-1/2	50-170 (189.3-643.5)		
TFI-3	3	80-260 (302.8-984.2)		
TFI-4	4	150-500 (567.8-1892.7)		
TFI-5	5	250-750 (946.4-2839.0)		
TFI-6	6	400-1000 (1514.2-3785.4)		
TFI-8	8	700-1950 (2649.8-7381.5)		

MAXIMUM WORKING PRESSURE: 125 PSIG (862 kPa)

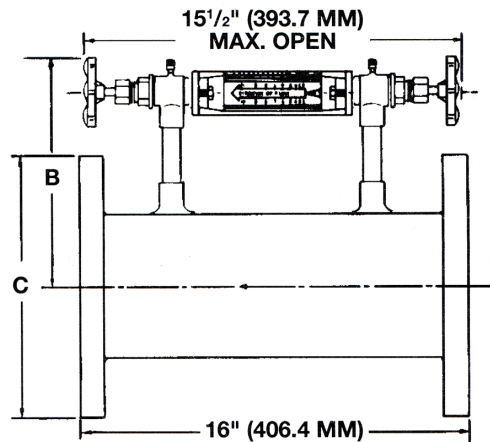
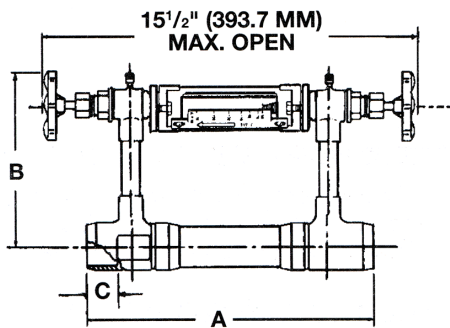
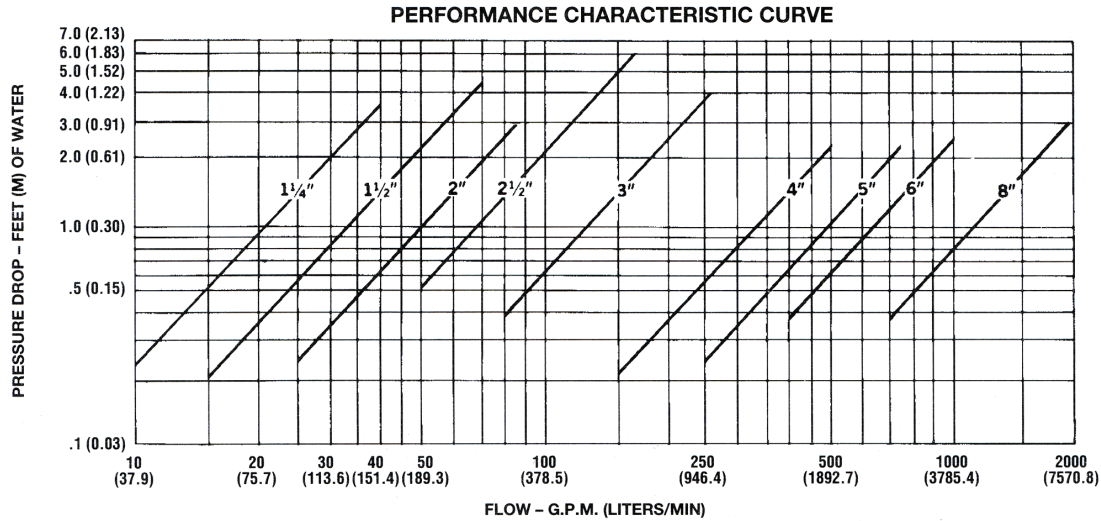
MAXIMUM OPERATING PRESSURE: 250°F (121°C)

TYPICAL SPECIFICATION

Furnish and install as shown on plans flow indicating devices of the diverting type. Each device is to have a by-pass circuit containing a flow indicator with shut-off valves to isolate all working parts from the system and allow removal for cleaning without system shut-down. Each unit shall be individually tested and calibrated by the manufacturer and shall be suitable for operation at 125 psig (862 kPa) pressure and 250°F (121°C) temperature.

Units 2½" and smaller shall have copper solder joint connections; units 3" and larger shall be 150# ANSI flanged. Design of units shall permit installation in any position.

All units to be ITT Bell & Gossett Model No. _____ Thermoflo Indicators.



MODELS TFI-4 THRU TFI-8 ARE INDIRECT READING

DIMENSIONS AND WEIGHTS

MODEL NUMBER	TYPE	DIMENSIONS IN INCHES (MM)			APPROX. SHIPPING WGHT LBS. (Kg)
		A	B	C	
TFI-1-1/4	SWEAT	11-15/16 (287.3)	5-3/4 (146.1)	31/32 (24.6)	7 (3.2)
TFI-1-1/2	SWEAT	11-5/8 (295.3)	5-7/8 (149.2)	1-3/32 (27.8)	7 (3.2)
TFI-2	SWEAT	12-1/16 (306.4)	6-1/4 (158.8)	1-11/32 (34.1)	8 (3.6)
TFI-2-1/2	SWEAT	12-9/16 (319.1)	6-5/8 (168.3)	1-15/32 (37.3)	10 (4.5)
TFI-3	FLANGE	-	7-5/8 (193.7)	7-1/2 (190.5)	40 (18.1)
TFI-4	FLANGE	-	8-1/8 (206.4)	9 (228.6)	52 (23.6)
TFI-5	FLANGE	-	8-5/8 (219.1)	10 (254.0)	64 (29.0)
TFI-6	FLANGE	-	9-3/16 (233.4)	11 (279.4)	67 (30.4)
TFI-8	FLANGE	-	10-3/16 (258.8)	13-1/2 (342.9)	100 (45.4)

NOTE:

1. System pH must be maintained between 7 and 9.
2. Shut off valves should be closed after balancing to prevent damage from shock or accidental glass breakage.

**Bell & Gossett**

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