

POSITIVE-DISPLACEMENT TOTALIZERS

For Oil Flow



FTB-30

FTB-30



- ✓ For Flows as Low as 0.26 GPH
- ✓ For #2, 4, or 6 Oil
- ✓ Direct Totalization in Engineering Units
- ✓ Scaled Pulse Output Available
- ✓ ±1% Rdg Accuracy
- ✓ Special Versions Available for Low-Viscosity Fluids, Including Water and Freon

FTB-30 Series totalizers are typically used in applications in which accurate measurement of (#2, 4, or 6) heating oil flow is required. The FTB-32 features a fully rotatable, easy-to-read face.

All products shown smaller than actual size.



FTB-32



FTB-31P

The FTB-30 is designed to be mounted horizontally; the FTB-30 and FTB-31 come with mounting brackets and compression fittings, while the FTB-32 is supplied with ¾ MNPT couplings. All FTB totalizers are non-resettable and have an optional reed relay scaled pulse output [with 3 m (10') of cable] for remote totalization. This output must be specified at the time of the order; it is not field installable.

SPECIFICATIONS

Accuracy: ±1% rdg except ±0.5% rdg for FTB-31

Maximum Pressure: 225 psi for FTB-32 through FTB-34; 350 psi for FTB-30 and FTB-31; 150 psi for FTB-35 and FTB-36

Pressure Loss:

FTB-30: 0.14 psi

FTB-31: 0.58 psi

FTB-32: 1.80 psi

Wetted Parts: Brass body and anodized aluminum piston; graphite or synthetic rubber piston optional

PULSE OUTPUT

Maximum Switch Load: 3 VA

Maximum Switch Current: 50 mA

Maximum Switch Voltage: 50 Vac

Output Frequency:

0.1 gal/pulse for FTB-30P, FTB-31P, FTB-32P (total only)

To Order

Model No. No Output	Model No. Pulse Output (For Total Only)	Flow Rate Minimum	Flow Rate Cont.	Flow Rate Maximum	Connections	Increments (Gallons)	Max Reading (Gallons)	Weight kg (lb)	Maximum Temperature °C (°F)
FTB-30	FTB-30P	0.26 GPH	6.5 GPH	20 GPH	¼" CF*	0.01	100,000	0.5 (1.1)	60 (140)
FTB-31A	FTB-31P	1.0 GPH	20.0 GPH	50 GPH	¾" CF*	0.01	1,000,000	1.3 (2.8)	60 (140)
FTB-32	FTB-32P	8.25 GPH	265.2 GPH	400 GPH	¾ MNPT	0.1	1,000,000	5.0 (11)	127 (260)
FTB-33	FTB-33P	2.6 GPH	105 GPH	160 GPH	½ NPT	0.1	1,000,000	2.1 (4.7)	127 (260)
FTB-34	FTB-34P	20 GPH	528 GPH	800 GPH	1 NPT	1.0	1,000,000	4.2 (9.3)	127 (260)
FTB-35	FTB-35P	59 GPH	1585 GPH	2375 GPH	1½ NPT	10.0	10,000,000	15.9 (35)	127 (260)
FTB-36	FTB-36P	199 GPH	5285 GPH	7925 GPH	2" flange†	—	100,000,000	40.0 (88)	127 (260)

* CF = Compression fitting

† FTB-36 has 150 lb flange fittings.

Comes complete with operator's manual.

Ordering Examples: FTB-30P, pulse-output totalizer, with 0.26 to 20 GPH range.

FTB-33, mechanical totalizer with 2.6 to 160 GPH range.