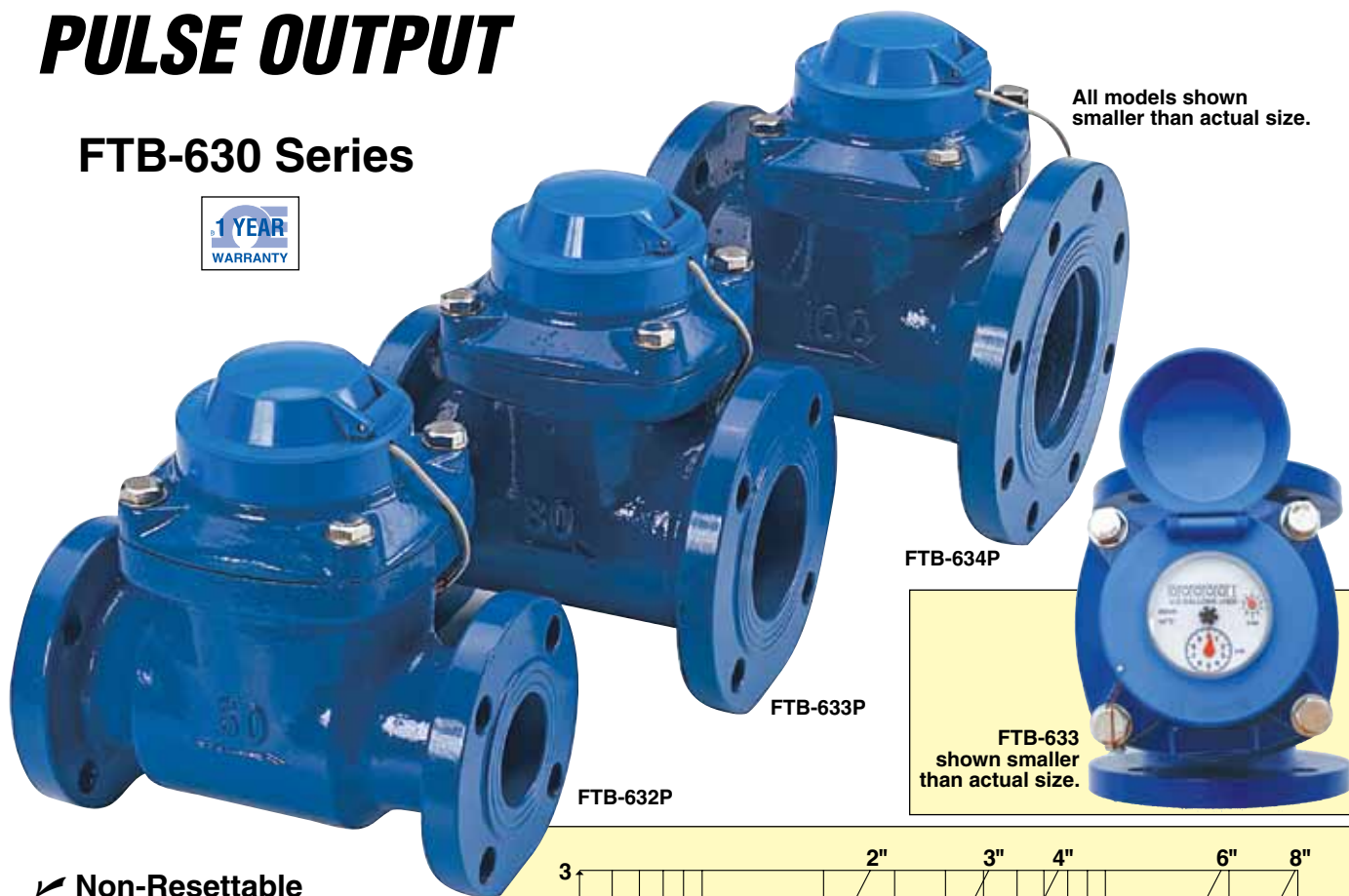


TURBINE METER WITH AVAILABLE PULSE OUTPUT

FTB-630 Series



All models shown smaller than actual size.

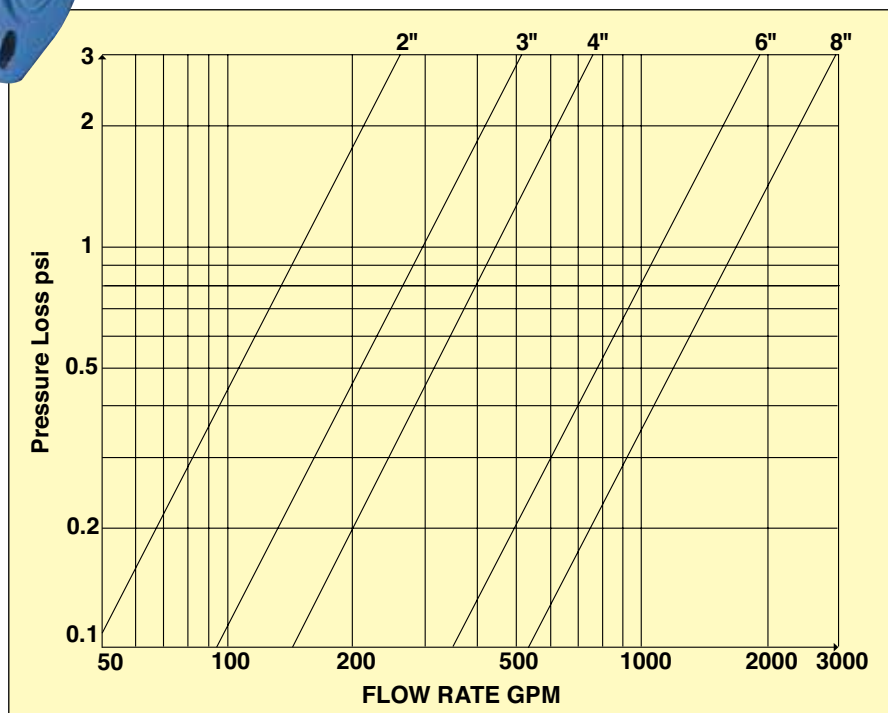


- ✓ **Non-Resettable Mechanical Totalizer**
- ✓ **2, 3, 4, 6, and 8" Pipe Sizes**
- ✓ **Pulse Output Available**
- ✓ **Rugged Construction**
- ✓ **Accurate and Economical**

The FTB-630 Series turbine meters are dry-register mechanical totalizers that offer accurate, economical reading of high flows with low pressure loss. The horizontal-axis turbine drives a vertical shaft, which is magnetically coupled to the sealed register.

In addition to mechanical totalizing, registers can be equipped with magnetic pulse reed sensors well suited for remote totalizing, pacing of electronic metering pumps, and water treatment applications.

Bodies are manufactured of tough cast iron and epoxy-coated for protection. Tungsten steel shafts and jewel bearings further enhance the durability of these meters. Simple removal of the top flange brings out all parts for inspection, repair, or replacement. The meter has a tamper-evident seal to call attention to unauthorized access.



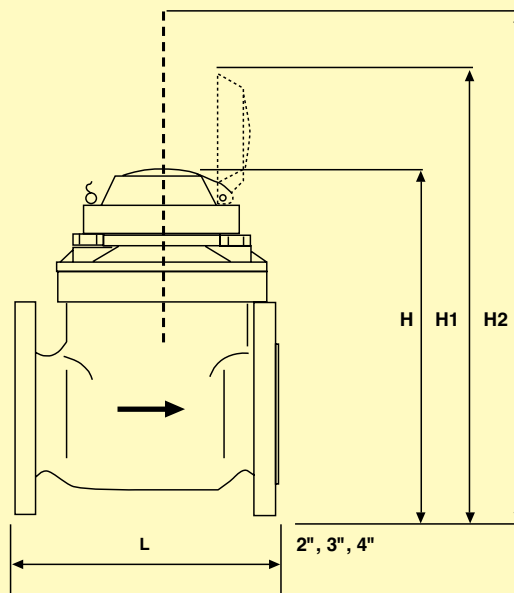
| Flow Ranges GPM | | | | | |
|----------------------|-----|-----|-----|------|------|
| Pipe Size | 2" | 3" | 4" | 6" | 8" |
| Minimum | 2 | 5.3 | 8 | 20 | 33 |
| Maximum Continuous | 132 | 352 | 528 | 1320 | 220 |
| Maximum Intermittent | 165 | 440 | 660 | 1650 | 2750 |
| Transition* | 16 | 24 | 40 | 80 | 140 |



Dimensions: mm (inch)

| Pipe Size | 51 (2) | 76 (3) | 102 (4) |
|-------------------|----------------|----------------|----------------|
| L | 244 (9.625) | 225 (8.86) | 250 (9.84) |
| H | 256 (10.08) | 277 (10.87) | 286 (11.26) |
| H1 | 328 (12.91) | 348 (13.70) | 358 (14.09) |
| H2 | 400 (15.75) | 400 (15.75) | 400 (15.75) |
| Weight kg (lb) | 14 (31) | 20 (45) | 21 (47) |
| Flange O.D. | 152 (6) | 191 (7.5) | 229 (9) |

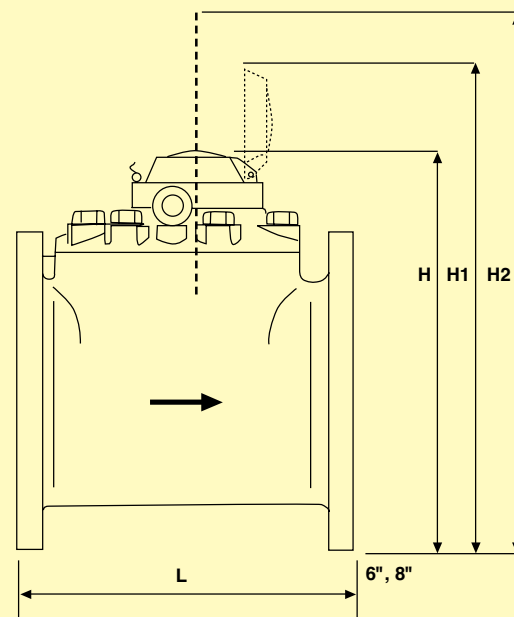
H1 = Lid clearance for reading display
H2 = Head clearance for replacing turbine insert



Dimensions: mm (inch)

| Pipe Size | 152 (6) | 203 (8) |
|-------------------|----------------|----------------|
| L | 300 (11.81) | 350 (13.78) |
| H | 345 (13.60) | 375 (14.78) |
| H1 | 418 (16.44) | 448 (17.62) |
| H2 | 500 (19.68) | 500 (19.68) |
| Weight kg (lb) | 43 (95) | 59 (131) |
| Flange O.D. | 279 (11) | 343 (13.5) |

H1 = Lid clearance for reading display
H2 = Head clearance for replacing turbine insert



SPECIFICATIONS

Meter Body Materials: Cast iron, epoxy coating

Register Plate: ABS plastic

Drive Magnet: Alnico

Turbine: Plastic

Turbine Shafts: Tungsten steel

Bearings: Jewel

Flanges: 150 lb. ANSI drilling

Maximum Pressure: 200 psi (14 bar)

Maximum Temperature: 40°C (105°F)

Accuracy*:

Above Transition: ±2% of reading

Below Transition: ±5% of reading

Reed Switch: 100 mA @ 24 Vac/dc

Cable Length: 15 m (4.5')

* See Flow Ranges chart on previous page.

To Order

| Model No. | Description |
|-----------|--|
| FTB-632 | Water totalizer 2" 150 lb flange, no output |
| FTB-633 | Water totalizer 3" 150 lb flange, no output |
| FTB-634 | Water totalizer 4" 150 lb flange, no output |
| FTB-636 | Water totalizer 6" 150 lb flange, no output |
| FTB-638 | Water totalizer 8" 150 lb flange, no output |
| FTB-632P | Water totalizer 2" 150 lb flange 10 gallons/pulse output |
| FTB-633P | Water totalizer 3" 150 lb flange 100 gallons/pulse output |
| FTB-634P | Water totalizer 4" 150 lb flange 100 gallons/pulse output |
| FTB-636P | Water totalizer 6" 150 lb flange 1000 gallons/pulse output |
| FTB-638P | Water totalizer 8" 150 lb flange 10K gallons/pulse output |

Comes complete with operator's manual .

Ordering Examples: FTB-632, 2" flanged water totalizer.

FTB-634P, 4" flanged water totalizer with pulse output.