



TT15/30/60

Max Flow: 50 gpm (189 lpm)



TT15/30/60 Tank Top Return Spin-On Filters

Working Pressures to:

100 psi / 690 kPa / 6.9 bar

Rated Static Burst to:

250 psi / 1725 kPa / 17.2 bar

Flow Range To:

50 gpm / 189 lpm



Applications

- In-Plant Systems
- Mobile Equipment
- Return Lines



Features

TT15/30/60 Tank Top filters are designed for industrial service. Aluminum casting and nitrile seals standard. Used with mineral and synthetic based fluids, these return filters conveniently mount to tank tops with four screws. Common holes are used to mount the filter head to the reservoir without welding. A down pipe is attached to a threaded port and the gasket surface provides a watertight seal. Each filter provides a new bypass valve and anti-drainback valve for easy filter change.

Beta Rating

- Performance to $\beta_{7(c)}=2$

Porting Size Options

- 3/4", 1 1/2" NPT

Replacement Filter Lengths

- 5.83" / 148mm TT15
- 7.05" / 179mm TT30
- 9.29" / 236mm TT60

Standard Bypass Ratings

- 22 psi / 150 kPa / 1.5 bar

Assembly Weight

- 2.0 lbs / 0.9 kg TT15
- 4.3 lbs / 2.0 kg TT30
- 5.2 lbs / 2.4 kg TT60

Operating Temperatures

- -22°F to 225°F / -30°C to 107°C

Filter Collapse Ratings

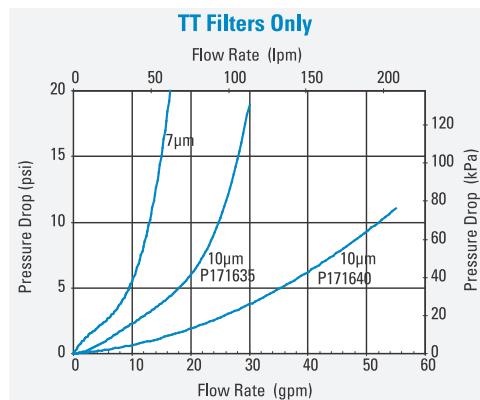
- 250 psid / 1725 kPa / 17.2 bar

TT15/30/60 Components

Filter Choices

| Media Type | $\beta_{x(c)} = 2$ | Length | | Part No. | Comments |
|------------|---------------------------|--------|-----|----------|-------------|
| | Rating based on ISO 16889 | in | mm | | |
| Cellulose | 7µm | 5.36 | 136 | P565242 | TT15 Series |
| | 10 µm | 7.05 | 179 | P171635 | TT30 Series |
| | 10 µm | 9.29 | 236 | P171640 | TT60 Series |

Performance Data



Head Choices

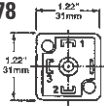
| Port Size | Bypass Rating* | Gauge Ports (drill, tap, plug) | Gauge Port Location | Part No. | Description | Head to Tank** Seal Part No. |
|------------|----------------------------|--------------------------------|---------------------|----------|----------------|------------------------------|
| 3/4" NPT | 22 psi / 150 kPa / 1.5 bar | (2) 1/8" NPT | upstream side | P564038 | TT15 Series | P563975 |
| 1 1/2" NPT | 22 psi / 150 kPa / 1.5 bar | (2) 1/8" NPT | upstream side | P563973 | TT30/60 Series | P563976 |

Note: * Bypass valve is integral part of replacement filter. ** Included with head. On a return line system the gauge port should be on the upstream side. We suggest a 25 psi bypass. If head is used on a suction line, the gauge port should be on the downstream side very low bypass.

Optional Filter Service Indicators

| Part No. | Pressure Range | Use With Series | Type |
|----------|-------------------------|-----------------|-------------------------------|
| P563300 | 0 to 30 psi | TT15/30/60 | Return indicator, color-coded |
| P563978 | 5 to 30 psi field adj.* | TT15/30/60 | Return indicator, electrical |
| P579716 | 0 to 100 psi | TT15/30/60 | Return indicator, color-coded |

P563978

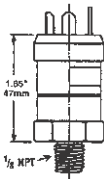


#1 Common; #2 Normally Closed; #3 Normally Open

Instructions

1. Remove DIN adaptor
2. Remove small brass screw
3. Using 1/8" allen wrench adjust clockwise to increase set point/counter-clockwise to decrease set point
4. NO / NC

Adjustment screw located in center of electric prongs

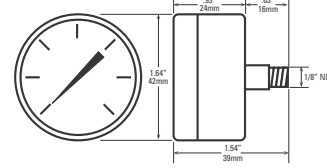


1/8" - 27 NPTF threads

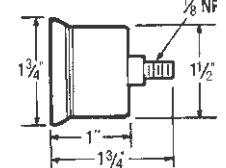
- Built in snubber to minimize damage caused by pressure surges
- Compatible with petroleum and mineral-based fluids
- Anti-splash

Notes: *NOT PRESET: Setting adjustable for desired application

P579716



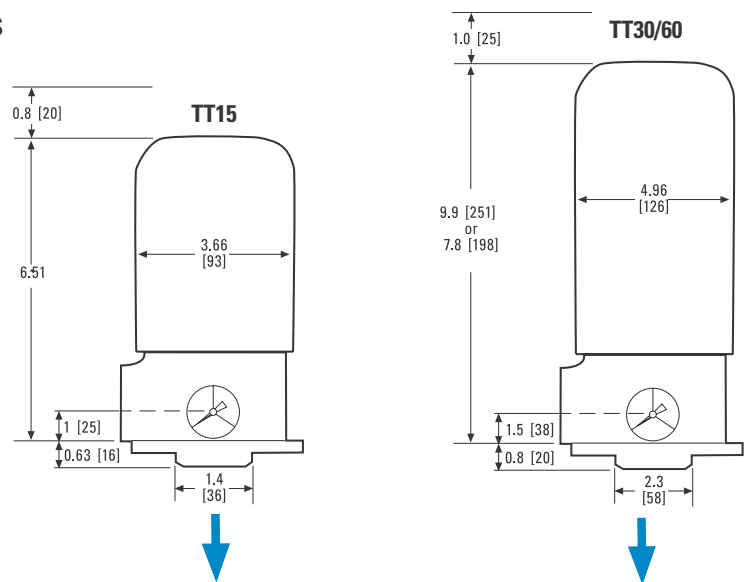
P563300



TT 15 & 30/60 Specification Illustrations

ASSEMBLY - SIDE VIEW

All dimensions are shown in inches [millimeters].



HEAD - TOP VIEW

