



## Simplex T-Type



### HIGH PRESSURE SINGLE STRAINER SIMPLEX T-TYPE

The Simplex T-Type extends the range of S-Type filters to higher pressures, suitable for both liquid and gas applications and available with bolted or quick release type covers.

**Plenty House**, Hambridge Road, Newbury, Berkshire, RG14 5TR  
**Telephone** +44 (0)1635 42363 **Facsimile** +44 (0)1635 49758 **Email** [filters@plenty.co.uk](mailto:filters@plenty.co.uk) [www.plenty.co.uk](http://www.plenty.co.uk)



# Simplex T-Type



### TYPICAL MATERIALS OF CONSTRUCTION

(or equivalent, depending on availability)  
**Body & Branches** ASTM A216WCB/ BS 1504 161 480  
**Closure/Bolted Cover** ASTM A105

### STANDARD FEATURES

- Quick release covers eliminate the need for tools for maintenance
- Designed for pressure ratings up to ASME class 900lb (900 PSIG)
- Flow is from inside to outside the basket to trap and retain debris
- High basket area to pipeline CSA ratio of over 10:1 in most cases
- Supplied with coarse perforated baskets (2mm as standard) or fine stainless steel mesh inserts to give particle removal down to 50 microns
- Disposable depth type cartridges are available for filtration to 5~10 micron for liquid and 1~2 micron on gases

### OPTIONS

- Body material - stainless or cast steel or special alloys
- Available with RTJ flange facing
- Available complying with current Transco specifications
- Can be supplied complying with BS5500 or ASME VIII design codes
- Pleated baskets for high filtration areas.
- Reinforced baskets for withstanding high differential pressures
- Magnetic element assemblies
- Flanged connection for drain, vent and ancillary connections
- Steam, hot water or hot oil jackets
- Supplied with ancillary equipment such as DP gauges and switches, air release heads, valves for vent and drains etc
- 10" and 12" full ASME class 300 rating

DIMENSIONS	SIZE	FLANGE RATING	DESIGN PRESSURE AT 38°C
	2"	ASME 600	1480 PSIG / 102 BARG
	3" ~ 4"	ASME 600	1480 PSIG / 102 BARG
	3" ~ 4"	ASME 900	2220 PSIG / 153 BARG
	6" ~ 10"	ASME 600	1480 PSIG / 102 BARG

Please contact us to verify suitability of this equipment for application outside these operating limits, if stock loadings, pressure or thermal cycling may occur, or if you wish to verify the maximum working pressure at temperatures other than 38°C.

### QUICK RELEASE COVER DIMENSIONS 2"

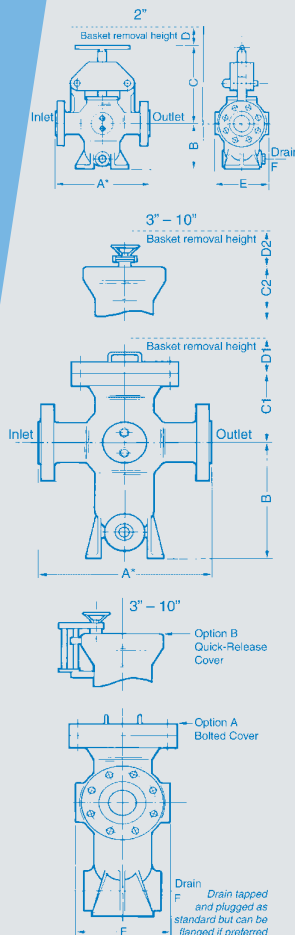
Size (Bore)	Model	A	B	C	D	E	F	Weight
In mm	No.	mm	mm	mm	mm	mm	BSPT	lb kg
2 50	TS-2Q	356	165	267	0	192	3/4"	100 45

### BOLTED COVER DIMENSIONS 3" - 10"

Size (Bore)	Model	A	B	C1	D1	E	F	Weight
In mm	No.	mm	mm	mm	mm	mm	BSPT	lb kg
3 75	TL-3B	560	410	236	550	302	1"	480 220
4 100	TN-4B	560	410	236	550	302	1"	480 220
6 150	TS-6B	580	540	370	745	456	2"	1000 455
6 150	TL-6B	660	738	507	1100	560	2"	1716 780
8 200	TN-8B	660	738	507	1100	560	2"	1778 808
10 250	TS-10B	660	738	507	1100	560	2"	1890 860

### QUICK RELEASE COVER DIMENSIONS 3" - 10"

Size (Bore)	Model	A	B	C1	D1	E	F	Weight
In mm	No.	mm	mm	mm	mm	mm	BSPT	lb kg
3 75	TL-3Q	560	410	331	520	302	1"	480 220
4 100	TN-4Q	560	410	331	520	302	1"	480 220
6 150	TS-6Q	580	540	473	745	456	2"	1000 455
6 150	TL-6Q	660	738	507	918	560	2"	1716 780
8 200	TN-8Q	660	738	507	918	560	2"	1778 808
10 250	TS-10Q	660	738	507	918	560	2"	1890 860



Plenty will fabricate strainers for pressures and pipe not covered by this range.

**Plenty House**, Hambridge Road, Newbury, Berkshire, RG14 5TR

**Telephone** +44 (0)1635 42363 **Facsimile** +44 (0)1635 49758 **Email** filters@plenty.co.uk **www**.plenty.co.uk

Our policy is one of continuous improvement and we reserve the right to alter any details of our products at any time prior to notice. Plenty is a division of SPX Process Equipment.