



**AN SPX BRAND**



## Simplex T-Type Strainer 2" – 12" NB

### High Pressure Single Strainer Simplex T-Type 2" – 12" (50 mm – 300 mm)

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.

#### Standard Features

- Quick release covers eliminate the need for tools for maintenance
- Designed for pressure ratings up to ASME class 900 (62 BARG)
- 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 (2 mm 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 PD5500 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
- Supplied with ancillary equipment such as DP gauges and switches, air release heads, valves for vent and drains etc



**SPX**<sup>®</sup>

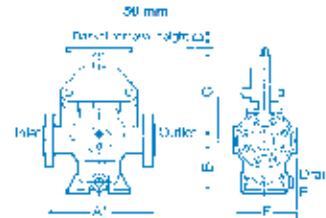
## Design Data

Size		Flange Rating	Design Pressure	Material of Construction	
in	mm			Body & Branches	Closure / Bolted Cover
2	50	ASME 600	1480 PSIG/102 BARG	ASTM A216 WCB / BS1504 161 480	ASTM A 105
3 - 4	75 - 100	ASME 600	1480 PSIG/102 BARG		
3 - 4	75 - 100	ASME 900	2220 PSIG/153 BARG		
6 - 10	150 - 250	ASME 600	1480 PSIG/102 BARG		
12	300	ASME 900	2220 PSIG/153 BARG		

## Dimensions

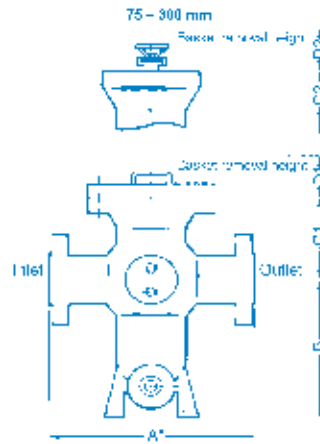
### Quick Release Cover 2"

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



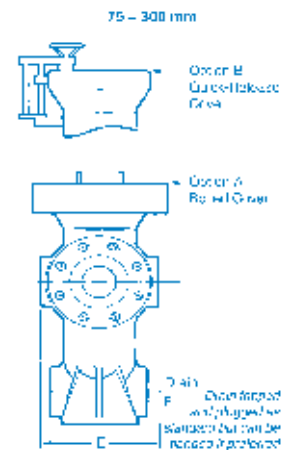
### Bolted Cover 3" - 12"

Size		Basket Size in	Model No.	A mm	B mm	C mm	D mm	E mm	F BSPT	Weight	
in	mm									lb	kg
3	75	4	TL-3B	560	410	236	550	302	1"	480	220
4	100	4	TN-4B	560	410	236	550	302	1"	480	220
6	150	6	TS-6B	580	540	370	745	456	2"	1000	455
6	150	8	TL-6B	660	738	507	1100	560	2"	1716	780
8	200	8	TN-8B	660	738	507	1100	560	2"	1778	808
10	250	8	TS-10B	660	738	507	1100	560	2"	1890	860
12	300	8	TS-12B	900	738	578	1200	790	2"	2875	1305



### Quick Release Cover 3" - 12"

Size		Basket Size in	Model No.	A mm	B mm	C2 mm	D2 mm	E mm	F BSPT	Weight	
in	mm									lb	kg
3	75	4	TL-3Q	560	410	331	520	302	1"	480	220
4	100	4	TN-4Q	560	410	331	520	302	1"	480	220
6	150	6	TS-6Q	580	540	473	745	456	2"	1000	455
6	150	8	TL-6Q	660	738	507	918	560	2"	1716	780
8	200	8	TN-8Q	660	738	507	918	560	2"	1778	808
10	250	8	TS-10Q	660	738	507	918	560	2"	1890	860
12	300	8	TS-12Q	900	738	692	1200	790	2"	2875	1305



## SPX Flow Technology

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For more information about our worldwide locations, approvals, certifications, and local representatives, please visit [www.plentyfiltration.net](http://www.plentyfiltration.net).  
 SPX Corporation reserves the right to incorporate our latest design and material changes without notice or obligation.  
 Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing.

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