

# 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



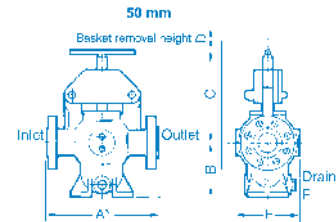
## DESIGN DATA

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

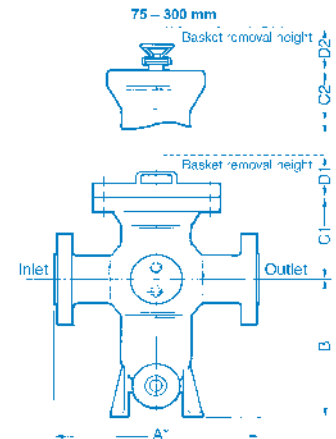
### Quick Release Cover 2"

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



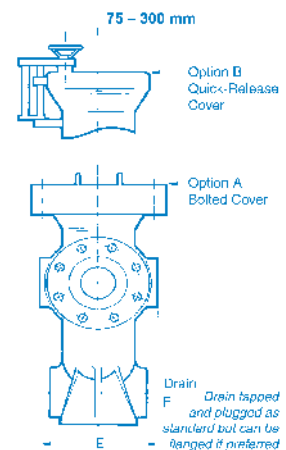
### Bolted Cover 3" – 12"

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

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