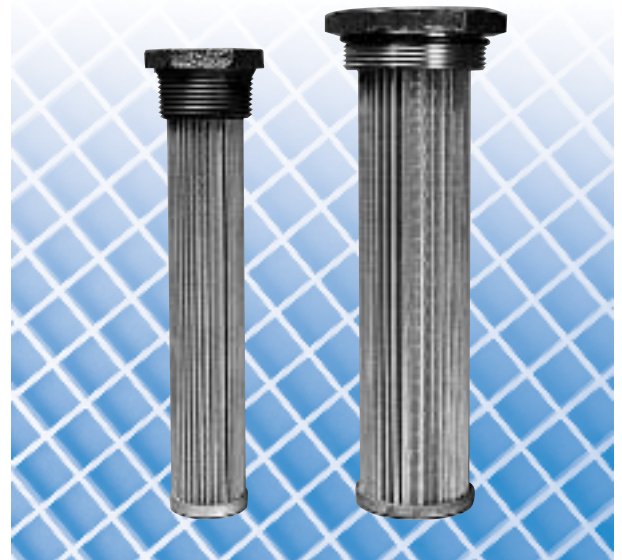


Tank Mounted Strainers

Flow Range: 0-100 gpm / 0-380 lpm

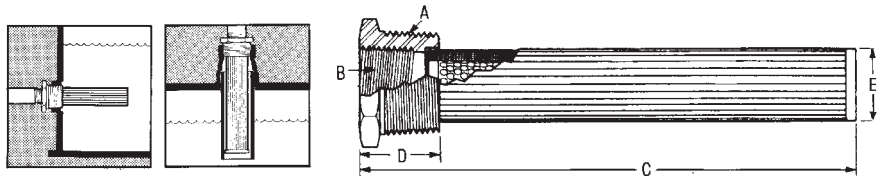
Outlet Port Size: 3/8" NPT to 1 1/4" NPT
or SAE-8 to SAE-20

140 Micron Stainless Steel Mesh
Steel SAE bushing
Cast iron NPT bushing
Operating temperatures to 250°F / 121°C
Relief valve available



Features

Tank mounted strainers offer easy installation. Access to reservoir interior is not needed. You can mount these units through a sidewall or through the tank top and into a standpipe.



Donaldson Part No.	Description	Relief Valve Setting	Wire Mesh Size	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Screen Area (sq.in.)	Max. Flow (gpm)
P562270	TM-3-100	n/a	100	3/4" NPT	3/8" NPT	4	0.97	0.87	29	3
P562274	TM-5-100	n/a	100	1" NPT	1/2" NPT	5.34	1.06	1.17	35	5
P562275	TM-5-100-RV5	5 psid	100	1" NPT	1/2" NPT	5.34	1.06	1.17	35	5
P562256	TM-10-100	n/a	100	1-1/4" NPT	3/4" NPT	8.17	1.2	1.36	64	10
P562257	TM-10-100-RV5	5 psid	100	1-1/4" NPT	3/4" NPT	8.17	1.2	1.36	64	10
P562258	TM-10-60	n/a	60	1-1/4" NPT	3/4" NPT	8.17	1.2	1.36	64	10
P562259	TM-10-60-RV5	5 psid	60	1-1/4" NPT	3/4" NPT	8.17	1.2	1.36	64	10
P562260	TM-15-100	n/a	100	1-1/2" NPT	1" NPT	8.2	1.22	1.66	86	15
P562264	TM-15-100-RV5	5 psid	100	1-1/2" NPT	1" NPT	8.2	1.22	1.66	86	15
P562265	TM-15-200-RV5	5 psid	200	1-1/2" NPT	1" NPT	8.2	1.22	1.66	86	15
P562266	TM-25-100	n/a	100	2" NPT	1-1/4" NPT	9.04	1.35	2.12	125	25
P562267	TM-25-100-RV5	5 psid	100	2" NPT	1-1/4" NPT	9.04	1.35	2.12	125	25
P562268	TM-25-200-C=6.29"	n/a	200	2" NPT	1-1/4" NPT	6.29	1.35	2.12	80	15
P562269	TM-25-200-RV5	5 psid	200	2" NPT	1-1/4" NPT	9.04	1.35	2.12	125	25
P562271	TM-50-100	n/a	100	3" NPT	2" NPT	9.7	1.7	3	260	50
P562272	TM-50-100-RV3	3 psid	100	3" NPT	2" NPT	9.7	1.7	3	260	50
P562273	TM-50-100-RV5	5 psid	100	3" NPT	2" NPT	9.7	1.7	3	260	50
P563306	TM-100-100	n/a	100	4" NPT	3" NPT	11.3	1.8	4	315	100
P562255	TM-100-100-RV5	5 psid	100	4" NPT	3" NPT	11.3	1.8	4	315	100
P562253	STM-5-100	n/a	100	1-5/16" - 12 UN	3/4" - 16 UN	5.34	1.06	1.17	35	5
P562254	STM-5-100-RV5	5 psid	100	1-5/8" - 12 UN	3/4" - 16 UN	5.34	1.06	1.17	35	5
P562247	STM-10-100	n/a	100	1-5/8" - 12 UN	1-1/16" - 12 UN	8.17	1.2	1.36	64	10
P562248	STM-10-100-RV5	5 psid	100	1-5/8" - 12 UN	1-1/16" - 12 UN	8.17	1.2	1.36	64	10
P562249	STM-15-100	n/a	100	1-7/8" - 12 UN	1-5/16" - 12 UN	8.2	1.22	1.66	86	15
P562250	STM-15-100-RV5	5 psid	100	1-7/8" - 12 UN	1-5/16" - 12 UN	8.2	1.22	1.66	86	15
P562251	STM-25-100	n/a	100	2-1/2" - 12 UN	1-5/8" - 12 UN	9.04	1.35	2.12	125	25
P562252	STM-25-100-RV5	5 psid	100	2-1/2" - 12 UN	1-5/8" - 12 UN	9.04	1.35	2.12	125	25



Diffusers

Description:

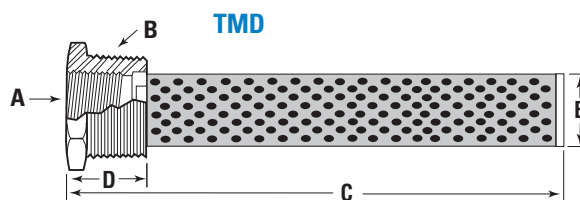
Perforated Steel
 Cast iron bushings (TMD-tank mount)
 Zinc-plated steel (DFD-return line)
 Operating temperatures to 250°F / 121°C

Flow Range: 0-450 gpm / 0-1,710 lpm



Features

Diffusers are highly effective in reducing aeration, foaming, turbulence and noise caused by return lines. Reservoir baffles can usually be eliminated, provided that the holes in the tube are positioned facing away from the pump suction inlet and below the reservoir oil level. Can be vertically or horizontally mounted with discharge side directed away from suction and preferably toward a tank wall or bottom.



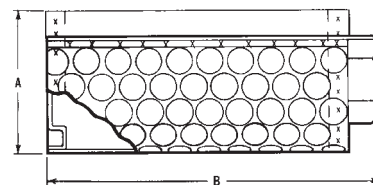
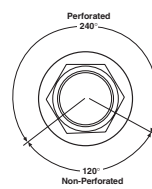
TMD - Tank Mount Diffusers

Donaldson Part No.	Desc.	Rated Flow gpm/l/min	Dim. A Pipe Size	Dim. B Pipe Size	C (in./mm)	D (in./mm)	E (in./mm)
P562281	TMD-5	5/19	1/2" NPT	1" NPT	5.34/135	1.06/28	1.17/29
P562282	TMD-10	10/38	3/4" NPT	1-1/4" NPT	8.17/207	1.2/30	1.36/34
P562283	TMD-15	15/59	1" NPT	1-1/2" NPT	8.2/208	1.22/31	1.66/42
P562284	TMD-25	25/95	1-1/4" NPT	2" NPT	9.04/229	1.35/34	2.12/53
P562285	TMD-50	50/189	2" NPT	3" NPT	9.7/246	1.7/43	3.0/76

DFD - Line Mount Diffusers

Donaldson Part No.	Desc.	Rated Flow gpm/l/min	Pipe Size	A (in./mm)	B (in./mm)
P562287	DFD-30	33/125	3/4" NPT	3.4/86.3	3.0/76
P562288	DFD-60	53/201	1" NPT	3.4/86.3	4.2/107
P562289	DFD-90	93/342	1-1/4" NPT	3.4/86.3	6.5/165
P562290	DFD-120	126/479	1-1/2" NPT	4.5/114.3	6.6/168
P562291	DFD-200	209/794	2" NPT	4.5/114.3	10.3/262
P562292	DFD-250	300/1140	2-1/2" NPT	5.25/133.4	13.0/330
P562293	DFD-300	450/1748	3" NPT	5.25/133.4	12.3/394

DFD



Accessories