

400 Series – Multi-Size Flow Diverters



4"-8" Multi-Size Flow Diverter w/ 2" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	4.0"-8.0"	100 mm-200 mm
Diameter	3.8"	97 mm
Length	22.0"	559 mm
Weight	7.0 lbs	3.2 kg
Bypass Size	2.0"	51 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
<u>Pipe Size</u>	<u>Air</u>	<u>Water</u>
4.0"	15 psi	45 ft
100 mm	1.0 bar	13.7 m
6.0"	15 psi	40 ft
150 mm	1.0 bar	12.2 m
8.0"	15 psi	35 ft
200 mm	1.0 bar	10.7 m

Item Number: 400-48-2



6"-10" Multi-Size Flow Diverter w/ 3" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	5.5"-10.5"	150 mm-275 mm
Diameter	5.5"	140 mm
Length	22.0"	559 mm
Weight	13.0 lbs	5.9 kg
Bypass Size	3.0"	76 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
Pipe Size	Air	Water
6.0"	15 psi	45 ft
150 mm	1.0 bar	13.7 m
8.0"	15 psi	40 ft
200 mm	1.0 bar	12.2 m
10.0"	15 psi	35 ft
250 mm	1.0 bar	10.7 m

Item Number: 400-610-3



8"-12" Multi-Size Flow Diverter w/ 3" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	7.0"-12.5"	175 mm-325 mm
Diameter	6.5"	165 mm
Length	22.0"	559 mm
Weight	18.0 lbs	8.2 kg
Bypass Size	3.0"	76 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
<u>Pipe Size</u>	<u>Air</u>	<u>Water</u>
8.0"	15 psi	45 ft
200 mm	1.0 bar	13.7 m
10.0"	15 psi	40 ft
250 mm	1.0 bar	12.2 m
12.0"	10 psi	35 ft
300 mm	0.7 bar	10.7 m

Item Number: 400-812-3



8"-12" Multi-Size Flow Diverter w/ 4" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	7.0"-12.5"	175 mm-325 mm
Diameter	6.5"	165 mm
Length	22.0"	559 mm
Weight	18.0 lbs	8.2 kg
Bypass Size	4.0"	102 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
Pipe Size	Air	Water
8.0"	15 psi	45 ft
200 mm	1.0 bar	13.7 m
10.0"	15 psi	40 ft
250 mm	1.0 bar	12.2 m
12.0"	10 psi	35 ft
300 mm	0.7 bar	10.7 m

Item Number: 400-812-4



10"-16" Multi-Size Flow Diverter w/ 3" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	9.0"-16.0"	225 mm-400 mm
Diameter	8.5"	216 mm
Length	22.0"	559 mm
Weight	26.0 lbs	11.8 kg
Bypass Size	3.0"	76 mm
Required Inflation Pressure	40 psi	2.8 bar

Max Allowable Back Pressure		
Pipe Size	Air	Water
10.0"	15 psi	45 ft
250 mm	1.0 bar	13.7 m
12.0"	15 psi	45 ft
300 mm	1.0 bar	13.7 m
16.0"	10 psi	35 ft
400 mm	0.7 bar	10.7 m

Item Number: 400-1016-3



10"-16" Multi-Size Flow Diverter w/ 4" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	9.0"-16.0"	225 mm-400 mm
Diameter	8.5"	216 mm
Length	22.0"	559 mm
Weight	26.0 lbs	11.8 kg
Bypass Size	4.0"	102 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
<u>Pipe Size</u>	<u>Air</u>	<u>Water</u>
10.0"	15 psi	45 ft
250 mm	1.0 bar	13.7 m
12.0"	15 psi	45 ft
300 mm	1.0 bar	13.7 m
16.0"	10 psi	35 ft
400 mm	0.7 bar	10.7 m

Item Number: 400-1016-4



10"-16" Multi-Size Flow Diverter w/ 6" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	9.0"-16.0"	225 mm-400 mm
Diameter	8.5"	216 mm
Length	22.0"	559 mm
Weight	26.0 lbs	11.8 kg
Bypass Size	6.0"	152 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
<u>Pipe Size</u>	<u>Air</u>	<u>Water</u>
10.0"	15 psi	45 ft
250 mm	1.0 bar	13.7 m
12.0"	15 psi	45 ft
300 mm	1.0 bar	13.7 m
16.0"	10 psi	35 ft
400 mm	0.7 bar	10.7 m

Item Number: 400-1016-6



12"-18" Multi-Size Flow Diverter w/ 4" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	10.5"-18.0"	275 mm-450 mm
Diameter	10.0"	254 mm
Length	22.0"	559 mm
Weight	34.0 lbs	15.4 kg
Bypass Size	4.0"	102 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
Pipe Size	Air	Water
12.0"	15 psi	40 ft
300 mm	1.0 bar	12.2 m
15.0"	15 psi	35 ft
375 mm	1.0 bar	10.7 m
18.0"	10 psi	30 ft
450 mm	0.7 bar	9.1 m

Item Number: 400-1218-4



12"-18" Multi-Size Flow Diverter w/ 6" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	10.5"-18.0"	275 mm-450 mm
Diameter	10.0"	254 mm
Length	22.0"	559 mm
Weight	34.0 lbs	15.4 kg
Bypass Size	6.0"	152 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
<u>Pipe Size</u>	<u>Air</u>	<u>Water</u>
12.0"	15 psi	40 ft
300 mm	1.0 bar	12.2 m
15.0"	15 psi	35 ft
375 mm	1.0 bar	10.7 m
18.0"	10 psi	30 ft
450 mm	0.7 bar	9.1 m

Item Number: 400-1218-6



12"-18" Multi-Size Flow Diverter w/ 8" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	10.5"-18.0"	275 mm-450 mm
Diameter	10.0"	254 mm
Length	22.0"	559 mm
Weight	34.0 lbs	15.4 kg
Bypass Size	8.0"	203 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
<u>Pipe Size</u>	<u>Air</u>	<u>Water</u>
12.0"	15 psi	40 ft
300 mm	1.0 bar	12.2 m
15.0"	15 psi	35 ft
375 mm	1.0 bar	10.7 m
18.0"	10 psi	30 ft
450 mm	0.7 bar	9.1 m

Item Number: 400-1218-8



15"-21" Multi-Size Flow Diverter w/ 4" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	14.0"-21.0"	350 mm-550 mm
Diameter	13.5"	343 mm
Length	24.0"	610 mm
Weight	46.0 lbs	20.9 kg
Bypass Size	4.0"	102 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
Pipe Size	Air	Water
15.0"	15 psi	40 ft
375 mm	1.0 bar	12.2 m
18.0"	15 psi	35 ft
450 mm	1.0 bar	10.7 m
21.0"	10 psi	30 ft
525 mm	0.7 bar	9.1 m

Item Number: 400-1521-4



15"-21" Multi-Size Flow Diverter w/ 6" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	14.0"-21.0"	350 mm-550 mm
Diameter	13.5"	343 mm
Length	24.0"	610 mm
Weight	46.0 lbs	20.9 kg
Bypass Size	6.0"	152 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
Pipe Size	Air	Water
15.0"	15 psi	40 ft
375 mm	1.0 bar	12.2 m
18.0"	15 psi	35 ft
450 mm	1.0 bar	10.7 m
21.0"	10 psi	30 ft
525 mm	0.7 bar	9.1 m

Item Number: 400-1521-6



15"-21" Multi-Size Flow Diverter w/ 8" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	14.0"-21.0"	350 mm-550 mm
Diameter	13.5"	343 mm
Length	24.0"	610 mm
Weight	46.0 lbs	20.9 kg
Bypass Size	8.0"	203 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
Pipe Size	Air	Water
15.0"	15 psi	40 ft
375 mm	1.0 bar	12.2 m
18.0"	15 psi	35 ft
450 mm	1.0 bar	10.7 m
21.0"	10 psi	30 ft
525 mm	0.7 bar	9.1 m

Item Number: 400-1521-8



15"-21" Multi-Size Flow Diverter w/ 10" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	14.0"-21.0"	350 mm-550 mm
Diameter	13.5"	343 mm
Length	24.0"	610 mm
Weight	46.0 lbs	20.9 kg
Bypass Size	10.0"	254 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
Pipe Size	Air	Water
15.0"	15 psi	40 ft
375 mm	1.0 bar	12.2 m
18.0"	15 psi	35 ft
450 mm	1.0 bar	10.7 m
21.0"	10 psi	30 ft
525 mm	0.7 bar	9.1 m

Item Number: 400-1521-10



18"-24" Multi-Size Flow Diverter w/ 4" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	16.5"-24.0"	425 mm-625 mm
Diameter	16.0"	406 mm
Length	24.5"	622 mm
Weight	60.0 lbs	27.2 kg
Bypass Size	4.0"	102 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
Pipe Size	Air	Water
18.0"	15 psi	40 ft
450 mm	1.0 bar	12.2 m
21.0"	15 psi	35 ft
525 mm	1.0 bar	10.7 m
24.0"	10 psi	30 ft
600 mm	0.7 bar	9.1 m

Item Number: 400-1824-4



18"-24" Multi-Size Flow Diverter w/ 6" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	16.5"-24.0"	425 mm-625 mm
Diameter	16.0"	406 mm
Length	24.5"	622 mm
Weight	60.0 lbs	27.2 kg
Bypass Size	6.0"	152 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
Pipe Size	Air	Water
18.0"	15 psi	40 ft
450 mm	1.0 bar	12.2 m
21.0"	15 psi	35 ft
525 mm	1.0 bar	10.7 m
24.0"	10 psi	30 ft
600 mm	0.7 bar	9.1 m

Item Number: 400-1824-6



18"-24" Multi-Size Flow Diverter w/ 8" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	16.5"-24.0"	425 mm-625 mm
Diameter	16.0"	406 mm
Length	24.5"	622 mm
Weight	60.0 lbs	27.2 kg
Bypass Size	8.0"	203 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
Pipe Size	Air	Water
18.0"	15 psi	40 ft
450 mm	1.0 bar	12.2 m
21.0"	15 psi	35 ft
525 mm	1.0 bar	10.7 m
24.0"	10 psi	30 ft
600 mm	0.7 bar	9.1 m

Item Number: 400-1824-8

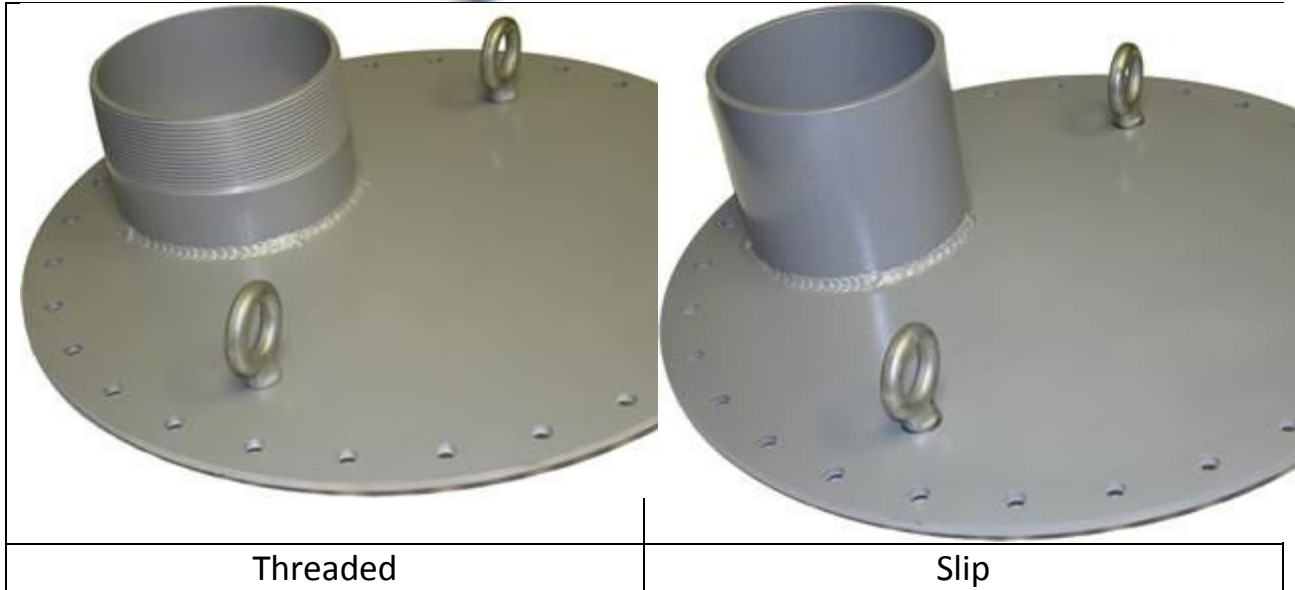
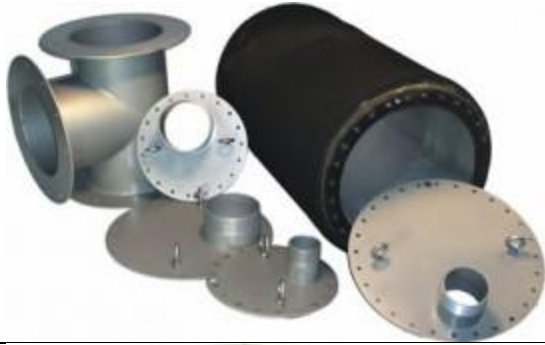


18"-24" Multi-Size Flow Diverter w/ 10" Threaded Bypass

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	16.5"-24.0"	425 mm-625 mm
Diameter	16.0"	406 mm
Length	24.5"	622 mm
Weight	60.0 lbs	27.2 kg
Bypass Size	10.0"	254 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
<u>Pipe Size</u>	<u>Air</u>	<u>Water</u>
18.0"	15 psi	40 ft
450 mm	1.0 bar	12.2 m
21.0"	15 psi	35 ft
525 mm	1.0 bar	10.7 m
24.0"	10 psi	30 ft
600 mm	0.7 bar	9.1 m

Item Number: 400-1824-10

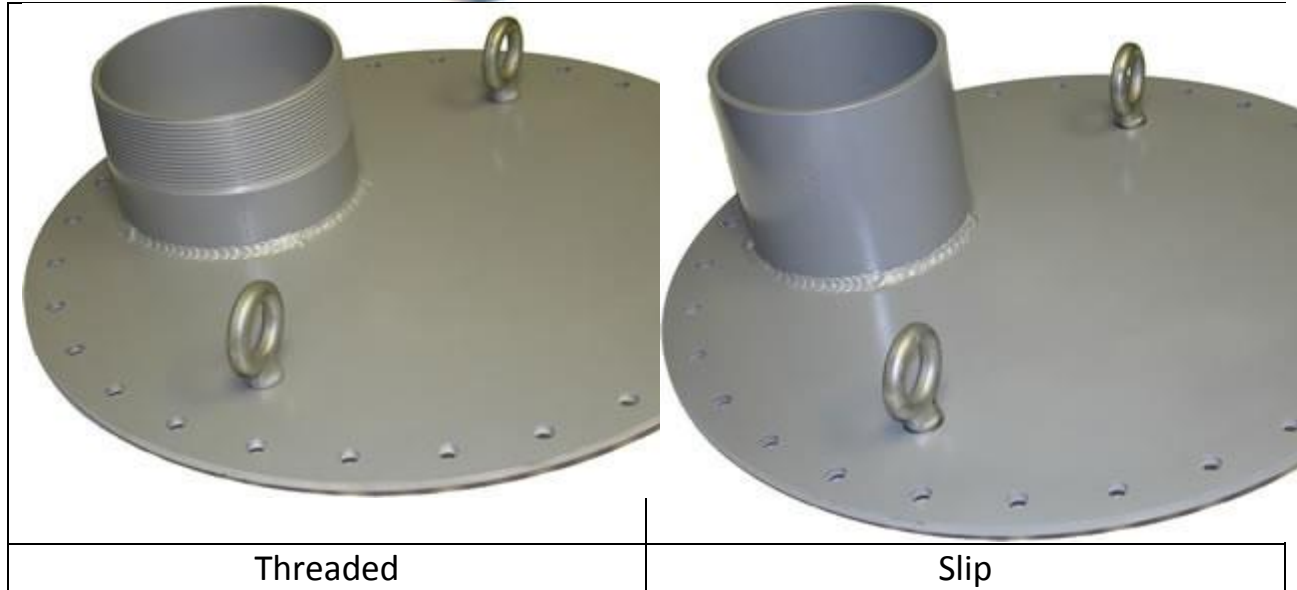
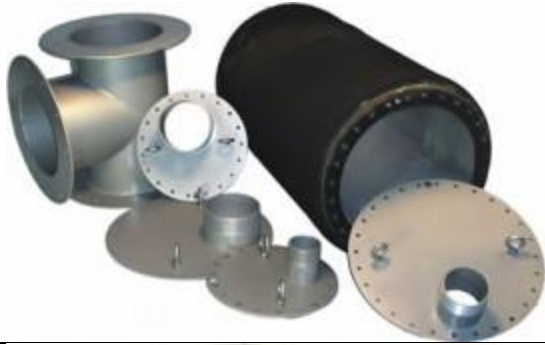


18"-24" Multi-Size Flow Diverter w/ Flanged End to accept Removable End Plates ([Threaded](#) or [Slip](#))

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	16.5"-24.0"	425 mm-625 mm
Diameter	16.0"	406 mm
Length	24.5"	622 mm
Weight	60.0 lbs	27.2 kg
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
Pipe Size	Air	Water
18.0"	15 psi	40 ft
450 mm	1.0 bar	12.2 m
21.0"	15 psi	35 ft
525 mm	1.0 bar	10.7 m
24.0"	10 psi	30 ft
600 mm	0.7 bar	9.1 m

Item Number: 400-1824-F

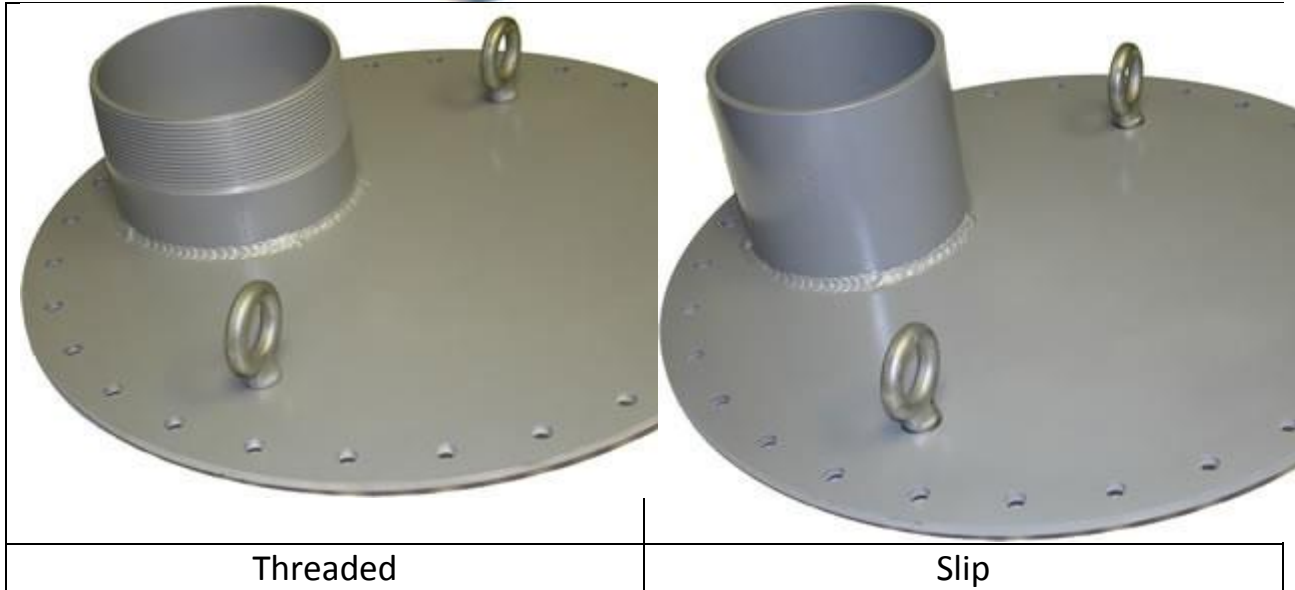
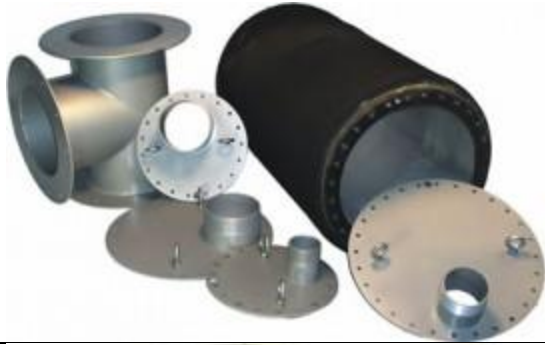


18"-30" Multi-Size Flow Diverter w/ Flanged End to accept Removable End Plates ([Threaded](#) or [Slip](#))

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	16.5"-30.0"	425 mm-775 mm
Diameter	16.0"	406 mm
Length	41.0"	1041 mm
Weight	95.0 lbs	43.1 kg
Bypass Size	Up to 10.0"	Up to 254 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
<u>Pipe Size</u>	<u>Air</u>	<u>Water</u>
18.0"	15 psi	40 ft
450 mm	1.0 bar	12.2 m
24.0"	15 psi	35 ft
600 mm	1.0 bar	10.7 m
30.0"	10 psi	30 ft
750 mm	0.7 bar	9.1 m

Item Number: 400-1830-F

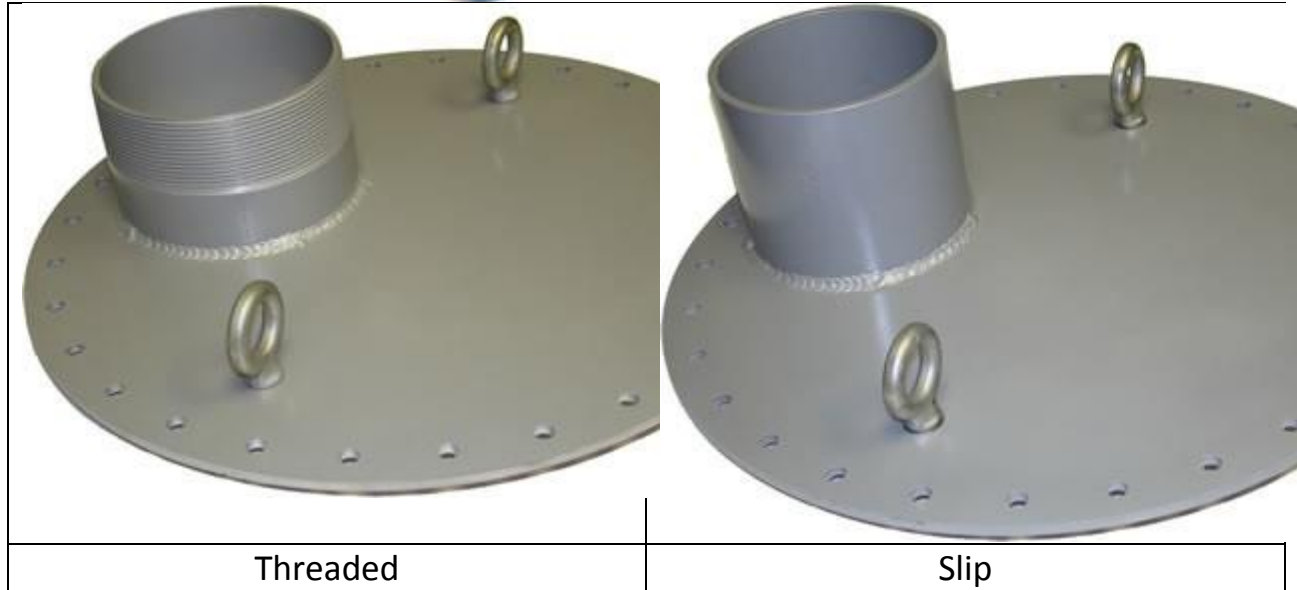
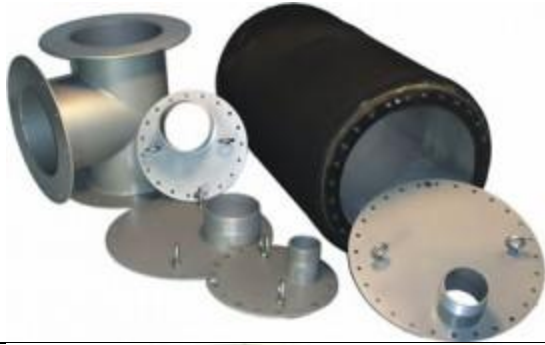


24"-36" Multi-Size Flow Diverter w/ Flanged End to accept Removable End Plates ([Threaded](#) or [Slip](#))

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	22.0"-36.0"	550 mm-950 mm
Diameter	21.5"	546 mm
Length	41.0"	1041 mm
Weight	130.0 lbs	58.9 kg
Bypass Size	Up to 16.0"	Up to 406 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
<u>Pipe Size</u>	<u>Air</u>	<u>Water</u>
24.0"	15 psi	40 ft
600 mm	1.0 bar	12.2 m
30.0"	15 psi	35 ft
750 mm	1.0 bar	10.7 m
36.0"	10 psi	30 ft
900 mm	0.7 bar	9.1 m

Item Number: 400-2436-F

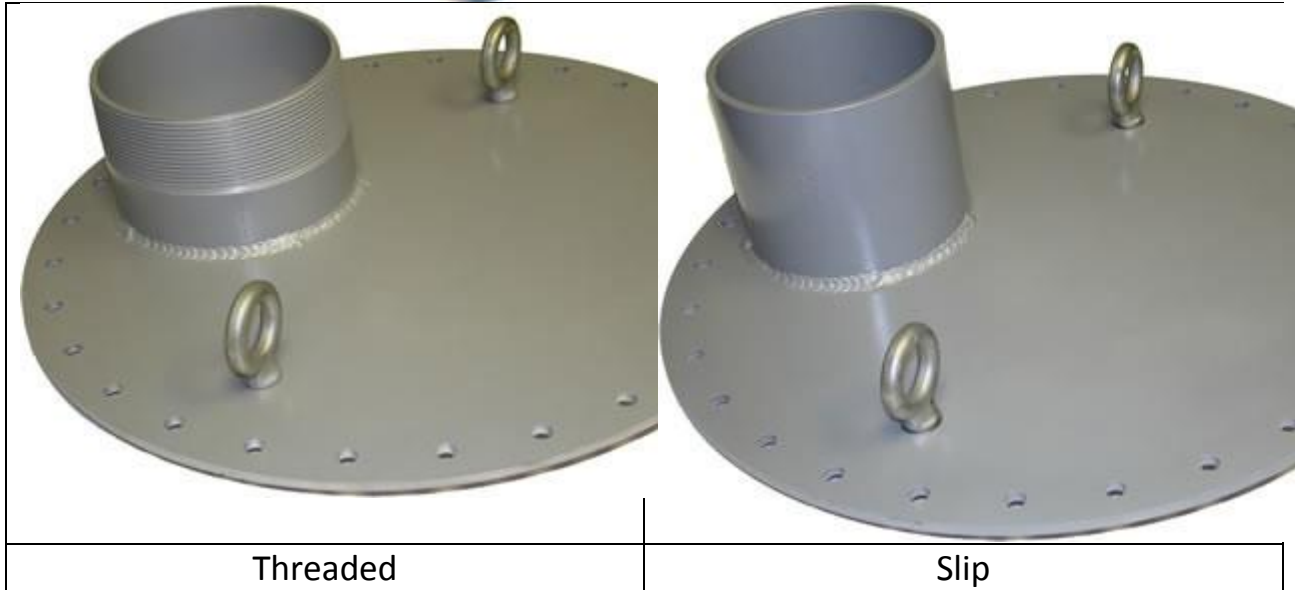
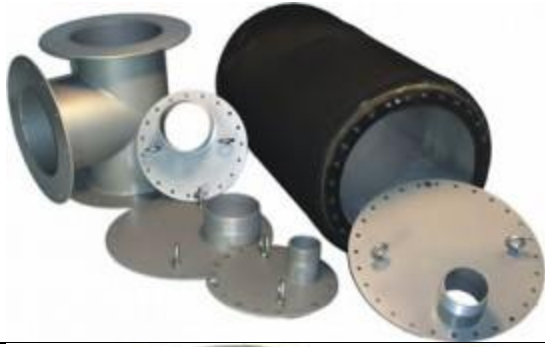


36"-48" Multi-Size Flow Diverter w/ Flanged End to accept Removable End Plates ([Threaded](#) or [Slip](#))

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	34.0"-48.0"	850 mm-1250 mm
Diameter	33.0"	838 mm
Length	41.0"	1041 mm
Weight	215.0 lbs	97.5 kg
Bypass Size	Up to 24.0"	Up to 610 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
<u>Pipe Size</u>	<u>Air</u>	<u>Water</u>
36.0"	10 psi	25 ft
900 mm	0.7 bar	7.6 m
42.0"	8 psi	25 ft
1050 mm	0.6 bar	7.6 m
48.0"	5 psi	20 ft
1200 mm	0.3 bar	6.1 m

Item Number: 400-3648-F

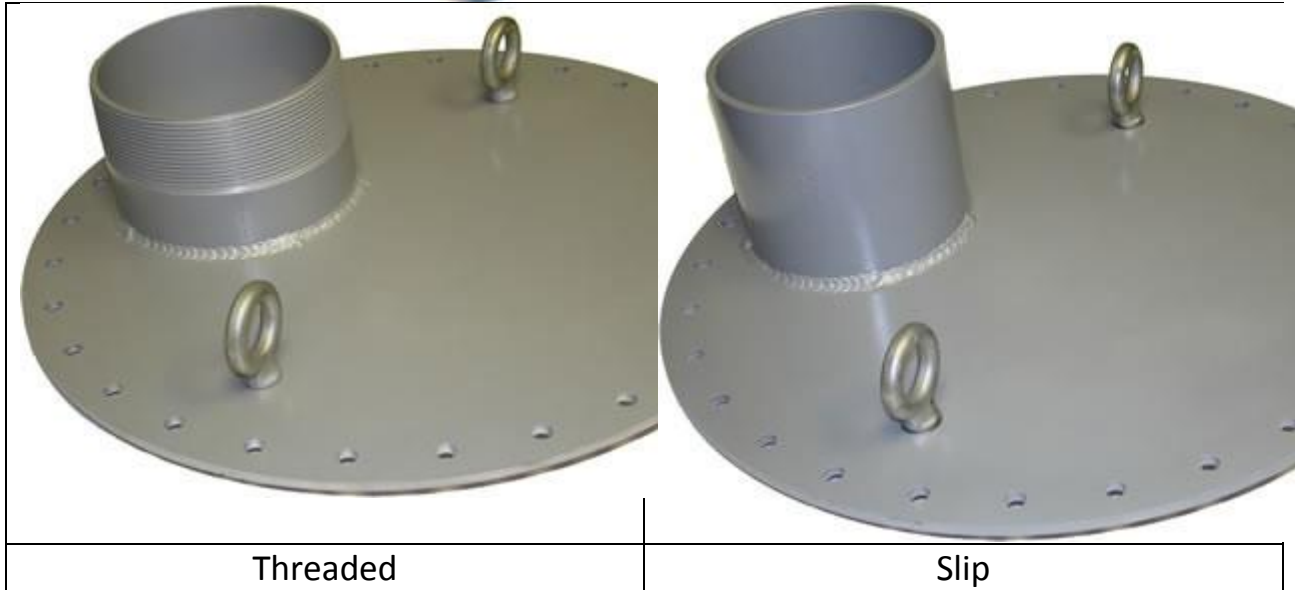
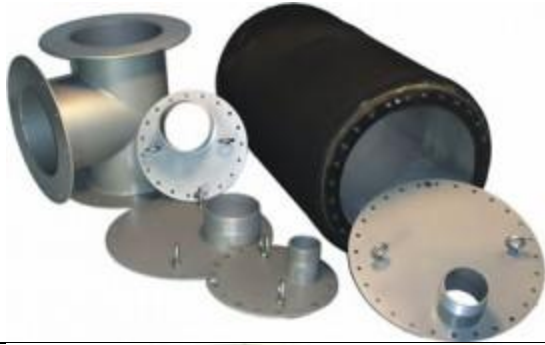


48"-60" Multi-Size Flow Diverter w/ Flanged End to accept Removable End Plates ([Threaded](#) or [Slip](#))

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	46.0"-60.0"	1150 mm-1550 mm
Diameter	45.0"	1143 mm
Length	41.0"	1041 mm
Weight	325.0 lbs	147.3 kg
Bypass Size	Up to 36.0"	Up to 914 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
<u>Pipe Size</u>	<u>Air</u>	<u>Water</u>
48.0"	8 psi	20 ft
1200 mm	0.6 bar	6.1 m
54.0"	8 psi	20 ft
1350 mm	0.6 bar	6.1 m
60.0"	5 psi	15 ft
1500 mm	0.3 bar	4.6 m

Item Number: 400-4860-F



60"-72" Multi-Size Flow Diverter w/ Flanged End to accept Removable End Plates ([Threaded](#) or [Slip](#))

	<u>U.S. Standard</u>	<u>Metric</u>
Size Range	58.0"-72.0"	1475 mm-1850 mm
Diameter	57.0"	1448 mm
Length	41.0"	1041 mm
Weight	450.0 lbs	204.1 kg
Bypass Size	Up to 48.0"	Up to 1219 mm
Required Inflation Pressure	40 psi	2.8 bar

<u>Max Allowable Back Pressure</u>		
<u>Pipe Size</u>	<u>Air</u>	<u>Water</u>
60.0"	5 psi	20 ft
1500 mm	0.3 bar	6.1 m
66.0"	5 psi	20 ft
1650 mm	0.3 bar	6.1 m
72.0"	5 psi	15 ft
1800 mm	0.3 bar	4.6 m

Item Number: 400-6072-F