

400 Series: Multi-Size Flow Diverters



- Durable, Rugged, Aluminum Construction
- Pump/Rental Industry Approved
- All Aluminum Body
- Inflation Port not in Rubber
- 2 Ply Polyester Reinforced
- Male NPT Threads
- PVC Cap Provided Through 6" Bypass
- Heavy Duty Bladder
- 40 PSI Inflation Pressure
- 1 Piece Forged Steel Eyelets
- Factory Repairable/Replaceable Bladder
- Offset Bypass



125 Series
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Example: 400-812-4

Example: 400-1218-4

400 Series: Multi-Size Flow Diverters									
PART #	SIZE RANGE	DIAMETER	LENGTH	BYPASS SIZE	WEIGHT	REQUIRED INFLATION PRESSURE	PIPE SIZE	MAX ALLOWABLE BACK PRESSURE	
								AIR	WATER
400-48-2	4.0"-8.0" 102 mm-203mm	3.8" 97 mm	22.0" 559 mm	2.0" 51 mm	7.0 lbs 3.2 kg	40 psi 2.8 bar	4.0"	15 psi	45 ft
							102 mm	1.0 bar	13.7 m
							6.0"	15 psi	40 ft
							152 mm	1.0 bar	12.2 m
400-610-3	5.5"-10.5" 140 mm-267 mm	5.3" 135 mm	22.0" 559 mm	3.0" 76 mm	13.0 lbs 5.9 kg	40 psi 2.8 bar	8.0"	15 psi	45 ft
							152 mm	1.0 bar	13.7 m
							8.0"	15 psi	40 ft
							203 mm	1.0 bar	12.2 m
400-812-3	7.0"-12.5" 178 mm-318 mm	6.5" 165 mm	22.0" 559 mm	3.0" 76 mm	18.0 lbs 8.2 kg	40 psi 2.8 bar	8.0"	15 psi	45 ft
							203 mm	1.0 bar	13.7 m
							10.0"	15 psi	35 ft
							254 mm	1.0 bar	10.7 m
400-812-4				4.0" 102 mm			10.0"	15 psi	40 ft
							254 mm	1.0 bar	12.2 m
							12.0"	10 psi	35 ft
							305 mm	0.7 bar	10.7 m
400-1016-3	9.0"-16.0" 229 mm-406 mm	8.5" 216 mm	22.0" 559 mm	3.0" 76 mm	26.0 lbs 11.8 kg	40 psi 2.8 bar	10.0"	15 psi	45 ft
							254 mm	1.0 bar	13.7 m
400-1016-4				4.0" 102 mm			12.0"	15 psi	45 ft
							305 mm	1.0 bar	13.7 m
400-1016-6				6.0" 152 mm			16.0"	10 psi	35 ft
							406 mm	0.7 bar	10.7 m
400-1218-4	10.5"-18.0" 267 mm-457 mm	10.0" 254 mm	22.0" 559 mm	4.0" 102 mm	34.0 lbs 15.4 kg	40 psi 2.8 bar	12.0"	15 psi	40 ft
							305 mm	1.0 bar	12.2 m
400-1218-6				6.0" 152 mm			15.0"	15 psi	35 ft
							381 mm	1.0 bar	10.7 m
400-1218-8				8.0" 203 mm			18.0"	10 psi	30 ft
							457 mm	0.7 bar	9.1 m
400-1521-4	14.0"-21.0" 356 mm-533 mm	13.5" 343 mm	24.0" 610 mm	4.0" 102 mm	46.0 lbs 20.9 kg	40 psi 2.8 bar	15.0"	15 psi	40 ft
							381 mm	1.0 bar	12.2 m
400-1521-6				6.0" 152 mm			18.0"	15 psi	35 ft
							457 mm	1.0 bar	10.7 m
400-1521-8				8.0" 203 mm			21.0"	10 psi	30 ft
							533 mm	0.7 bar	9.1 m
400-1521-10				10.0" 254 mm					
400-1824-4	16.5"-24.0" 419 mm-610 mm	16.0" 406 mm	24.5" 622 mm	4.0" 102 mm	60.0 lbs 27.2 kg	40 psi 2.8 bar	18.0"	15 psi	40 ft
							457 mm	1.0 bar	12.2 m
400-1824-6				6.0" 152 mm			21.0"	15 psi	35 ft
							533 mm	1.0 bar	10.7 m
400-1824-8				8.0" 203 mm			24.0"	10 psi	30 ft
							610 mm	0.7 bar	9.1 m
400-1824-10				10.0" 254 mm					



DRAINCHEM
SEWER MAINTENANCE PRODUCTS



400 Series: Multi-Size Flow Diverters



Example: 400-2436-F

- Durable, Rugged Construction
- Pump/Rental Industry Approved
- All Aluminum Body
- 2 Ply Polyester Reinforced
- Heavy Duty Bladder
- 40 PSI Inflation Pressure
- Factory Repairable/Replaceable Bladder
- Flanged End Allows Easy Changing of Plates for Different Bypass Sizes or Setups
- Buy 1 Plug - Use Several Different Ways

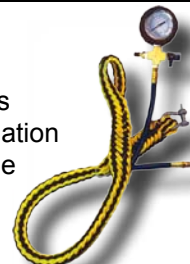
Available for Rent or Sale!

Flow Diversion

400 Series: Multi-Size Flow Diverters								
PART #	SIZE RANGE	DIAMETER	LENGTH	WEIGHT	REQUIRED INFLATION PRESSURE	PIPE SIZE	MAX ALLOWABLE BACK PRESSURE	
							AIR	WATER
400-1824-F	16.5"-24.0" 419 mm-610mm	16.0" 406 mm	24.5" 622 mm	60.0 lbs 27.2 kg	40 psi 2.8 bar	18.0"	15 psi	40 ft
						457 mm	1.0 bar	12.2 m
						21.0"	15 psi	35 ft
						533 mm	1.0 bar	10.7 m
400-1830-F	16.5"-30.0" 419 mm-762 mm	16.0" 406 mm	41.0" 1041 mm	95.0 lbs 43.1 kg	40 psi 2.8 bar	24.0"	10 psi	30 ft
						610 mm	0.7 bar	9.1 m
						30.0"	10 psi	30 ft
						762 mm	0.7 bar	9.1 m
400-2436-F	22.0"-36.0" 559 mm-914 mm	21.5" 546 mm	41.0" 1041 mm	130.0 lbs 58.9 kg	40 psi 2.8 bar	36.0"	10 psi	25 ft
						914 mm	0.7 bar	7.6 m
						30.0"	15 psi	35 ft
						762 mm	1.0 bar	10.7 m
400-3648-F	34.0"-48.0" 864 mm-1219 mm	33.0" 838 mm	41.0" 1041 mm	215.0 lbs 97.5 kg	40 psi 2.8 bar	48.0"	5 psi	20 ft
						1219 mm	0.3 bar	6.1 m
						42.0"	8 psi	25 ft
						1067 mm	0.6 bar	7.6 m
400-4860-F	46.0"-60.0" 1168 mm-1524 mm	45.0" 1143 mm	41.0" 1041 mm	325.0 lbs 147.3 kg	40 psi 2.8 bar	60.0"	5 psi	15 ft
						1524 mm	0.3 bar	4.6 m
						54.0"	8 psi	20 ft
						1372 mm	0.6 bar	6.1 m

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400 Series: Multi-Size Flow Diverters

400 Series: Interchangeable Bolt-On Bypass Adapters/Plates

FOR USE WITH:	BYPASS SIZE	THREADED PART #	SLIP PART #	FLANGED PART #
400-1824-F or 400-1830-F	4.0"	400-1830-4-1	400-1830-4-1S	400-1830-4-1F
	102 mm			
	6.0"	400-1830-6-1	400-1830-6-1S	400-1830-6-1F
	152 mm			
	8.0"	400-1830-8-1	400-1830-8-1S	400-1830-8-1F
400-2436-F	203 mm			
	10.0"	400-1830-10-1	400-1830-10-1S	400-1830-10-1F
	254 mm			
	4.0"	400-2436-4-1	400-2436-4-1S	400-2436-4-1F
	102 mm			
	6.0"	400-2436-6-1	400-2436-6-1S	400-2436-6-1F
	152 mm			
	8.0"	400-2436-8-1	400-2436-8-1S	400-2436-8-1F
	203 mm			
	10.0"	400-2436-10-1	400-2436-10-1S	400-2436-10-1F
400-3648-F	254 mm			
	12.0"		400-2436-12-1S	400-2436-12-1F
	305 mm			
	14.0"		400-2436-14-1S	400-2436-14-1F
	356 mm			
	16.0"		400-2436-16-1S	400-2436-16-1F
	406 mm			
	4.0"	400-3648-4-1	400-3648-4-1S	400-3648-4-1F
	102 mm			
	6.0"	400-3648-6-1	400-3648-6-1S	400-3648-6-1F
	152 mm			
	8.0"	400-3648-8-1	400-3648-8-1S	400-3648-8-1F
	203 mm			
10.0"	400-3648-10-1	400-3648-10-1S	400-3648-10-1F	
400-4860-F	254 mm			
	12.0"		400-3648-12-1S	400-3648-12-1F
	305 mm			
	14.0"		400-3648-14-1S	400-3648-14-1F
	356 mm			
	16.0"		400-3648-16-1S	400-3648-16-1F
	406 mm			
	18.0"		400-3648-18-1S	400-3648-18-1F
	457 mm			
	20.0"		400-3648-20-1S	400-3648-20-1F
508 mm				
24.0"		400-3648-24-1S	400-3648-24-1F	
610 mm				
4.0"	400-4860-4-1	400-4860-4-1S	400-4860-4-1F	
102 mm				
6.0"	400-4860-6-1	400-4860-6-1S	400-4860-6-1F	
152 mm				
8.0"	400-4860-8-1	400-4860-8-1S	400-4860-8-1F	
203 mm				
10.0"	400-4860-10-1	400-4860-10-1S	400-4860-10-1F	
254 mm				
12.0"		400-4860-12-1S	400-4860-12-1F	
305 mm				
14.0"		400-4860-14-1S	400-4860-14-1F	
356 mm				
16.0"		400-4860-16-1S	400-4860-16-1F	
406 mm				
18.0"		400-4860-18-1S	400-4860-18-1F	
457 mm				
20.0"		400-4860-20-1S	400-4860-20-1F	
508 mm				
24.0"		400-4860-24-1S	400-4860-24-1F	
610 mm				
30.0"		400-4860-30-1S	400-4860-30-1F	
762 mm				
36.0"		400-4860-36-1S	400-4860-36-1F	
914 mm				

- Durable, Rugged, Aluminum Construction
- Threaded Available up to 10"
- Male NPT Threads
- Male BSP Threads Available Upon Request
- PVC Cap Provided Thru 6"
- Offset Bypass



Example: 400-2436-6-1



Example: 400-2436-6-1S



Example: 400-1830-10-1F



Example: Custom Plate with No-Flow Bladder

Flow Diversion

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**Available for
Rent or Sale!**



250 Series: Single-Size High-Flow Diverters



Example: 250-8

250 Series: Single-Size High-Flow Diverters

- Use for Tie-In's to Structures
- Largest Bypass Available
- Eliminate Pumping Around When Working in Manholes or Structures
- All Aluminum Construction
- User Friendly - Easy to Work With
- For Manhole Rehab or Modifications
- Makes Ventilation Easier for Confined Space Entry
- Sold Individually



2 - 250-8's with 6" Flexible Bypass Hose

250 Series: Single-Size High-Flow Diverters							255 Series: Flexible Bypass Hose		
PART #	SIZE RANGE	DIAMETER	LENGTH	REQUIRED INFLATION PRESSURE	BYPASS SIZE	USES HOSE SIZE	PART #	DIAMETER	LENGTH
250-4	4.0"	3.0"	12.0"	25 psi	2.0"	▶	255-2	2.0"	5'-25'
	102 mm	76 mm	305 mm	1.7 bar	51 mm			51 mm	1.5 m-7.6 m
250-6	6.0"	5.0"	12.0"	25 psi	4.0"	▶	255-4	4.0"	5'-25'
	152 mm	127 mm	305 mm	1.7 bar	102 mm			102 mm	1.5 m-7.6 m
250-8	8.0"	7.0"	12.0"	25 psi	6.0"	▶	255-6	6.0"	5'-25'
	203 mm	178 mm	305 mm	1.7 bar	152 mm			152 mm	1.5 m-7.6 m
250-10	10.0"	9.0"	15.0"	25 psi	8.0"	▶	255-8	8.0"	5'-25'
	254 mm	229 mm	381 mm	1.7 bar	203 mm			203 mm	1.5 m-7.6 m
250-12	12.0"	10.0"	17.0"	25 psi	10.0"	▶	255-10	10.0"	5'-25'
	305 mm	254 mm	432 mm	1.7 bar	254 mm			254 mm	1.5 m-7.6 m
250-15	15.0"	13.5"	18.0"	25 psi	12.0"	▶	255-12	12.0"	5'-25'
	381 mm	343 mm	457 mm	1.7 bar	305 mm			305 mm	1.5 m-7.6 m
250-18	18.0"	16.0"	18.0"	25 psi	14.0"	▶	255-14	14.0"	5'-25'
	457 mm	406 mm	457 mm	1.7 bar	356 mm			356 mm	1.5 m-7.6 m
250-21	21.0"	19.5"	18.0"	25 psi	18.0"	▶	255-18	18.0"	5'-25'
	533 mm	495 mm	457 mm	1.7 bar	457 mm			457 mm	1.5 m-7.6 m
250-24	24.0"	22.5"	18.0"	25 psi	20.0"	▶	255-20	20.0"	5'-25'
	610 mm	572 mm	457 mm	1.7 bar	508 mm			508 mm	1.5 m-7.6 m
250-27	27.0"	25.5"	18.0"	25 psi	24.0"	▶	255-24	24.0"	5'-25'
	686 mm	648 mm	457 mm	1.7 bar	610 mm			610 mm	1.5 m-7.6 m
250-30	30.0"	28.5"	18.0"	25 psi	24.0"	▶	255-24	24.0"	5'-25'
	762 mm	724 mm	457 mm	1.7 bar	610 mm			610 mm	1.5 m-7.6 m

Larger Sizes Available!



255 Series: Flexible Bypass Hose

- Sold in 5 ft. Increments
- Lightweight Rubber
- Wire Reinforced
- 2" - 24" I.D.
- Larger Sizes Available Upon Request

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Pole & Attachment for
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250 Series: Single-Size High-Flow Diverters



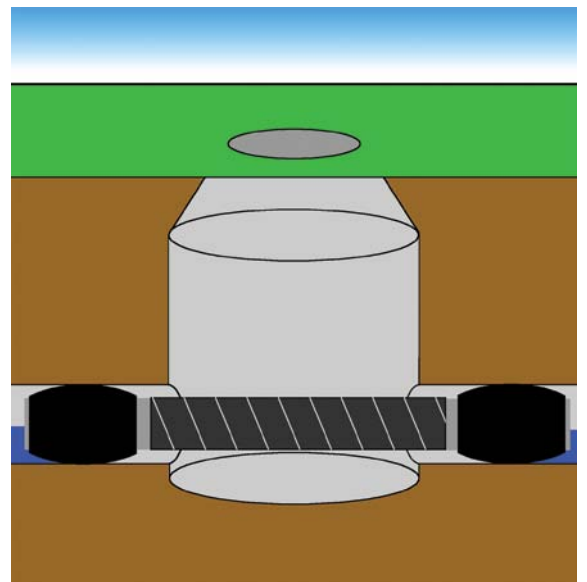
Custom 250 Series High-Flow setup with 8", 12", 18", & 24" bypass. Used in Santa Barbara, California to contain flow while 12 manholes were built. No pumping around was required!



2 - 250-48 with 42" bypass picking up an 8" drop inlet with a 250-8 and a custom 90° elbow



250-48 with a 42" bypass at a 22° angle

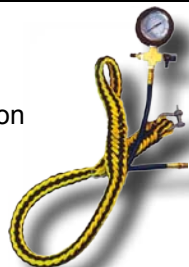


Example of 2 High-Flows & Duct installed, resulting in a dry manhole. Flexible duct can be lifted up to work in channel

Flow Diversion

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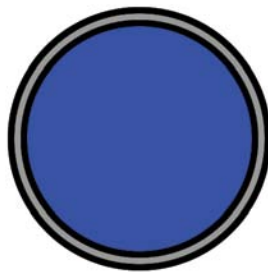
Pole & Attachment for
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Example: 280-8

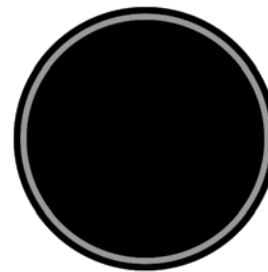
- No Confined Space Entry Necessary to Control Flow or Place Plug
- Great for T.V. Van Applications
- Open or Close Interior Bladder Remotely
- Use in Rehab, Re-Lining, & New Construction
- Pole Attachment Available
- Seals 98% of Flow
- NOT FOR AIR TESTING



Inside Bladder
Uninflated



Inside Bladder
Partially Inflated



Inside Bladder
Inflated & Closed

280 Series: Single-Size High-Flow / No-Flow Diverters								
PART #	SIZE RANGE	DIAMETER	LENGTH	MAX INSIDE DIAMETER	REQUIRED INFLATION PRESSURE		MAX ALLOWABLE BACK PRESSURE	
					OUTSIDE BLADDER	INSIDE BLADDER	AIR	WATER
280-6	6.0"	5.0"	12.0"	3.0"	25 psi	10 psi	-	15 ft
	152 mm	127 mm	305 mm	76 mm	1.7 bar	0.69 bar	-	4.6 m
280-8	8.0"	7.0"	12.0"	5.0"	25 psi	10 psi	-	15 ft
	203 mm	178 mm	305 mm	127 mm	1.7 bar	0.69 bar	-	4.6 m
280-10	10.0"	9.0"	15.0"	7.0"	25 psi	10 psi	-	15 ft
	254 mm	229 mm	381 mm	178 mm	1.7 bar	0.69 bar	-	4.6 m
280-12	12.0"	10.0"	18.0"	9.0"	25 psi	10 psi	-	15 ft
	305 mm	254 mm	457 mm	229 mm	1.7 bar	0.69 bar	-	4.6 m
280-15	15.0"	13.5"	18.0"	11.0"	25 psi	10 psi	-	15 ft
	381 mm	343 mm	457 mm	279 mm	1.7 bar	0.69 bar	-	4.6 m

Larger Sizes Available!

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MUST USE FOR WARRANTY

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Pole & Attachment for
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