

Features

- Specially designed for reverse jet-type dust collector systems.
- High flow Cv's to 140 for effective bag cleaning.
- High cycle life.
- Fast opening/closing.

Construction

Valve Parts in Contact with Fluids	
Body	Aluminum
Seals	NBR
Diaphragm	NBR, HYT, or CR, as noted
Discs	NBR or PA, as noted

Electrical

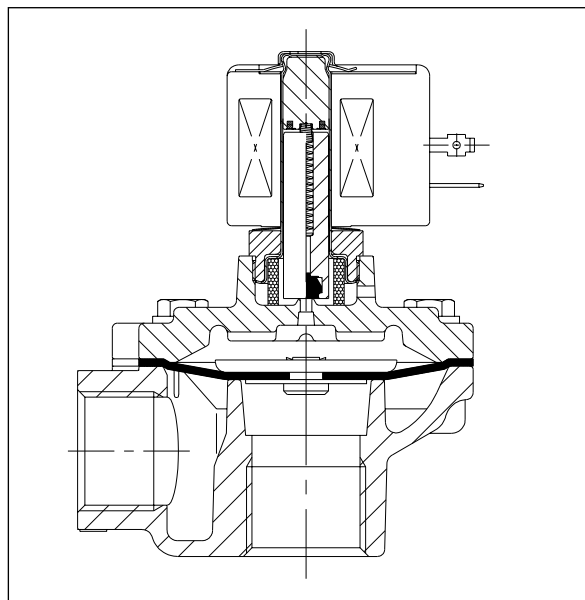
Standard Coil and Class of Insulation	Watt Rating and Power Consumption			Spare Coil Part No.	
	AC			General Purpose	Explosionproof
	Watts	VA Holding	VA Inrush	AC	AC
F	6.1	16	30	238210	238214
F	10.1	25	50	238610	238614
F	17.1	40	70	238610	238614

Standard Voltages: 24, 120, 240, 480 volts AC, 60 Hz (or 110, 220 volts AC, 50 Hz). Consult factory for DC voltage. Other voltages are available when required.

Solenoid Enclosures

Standard: Watertight, Types 1, 2, 3, 3S, 4, and 4X.

Optional: Explosionproof and Watertight, Types 3, 3S, 4, 4X, 6, 6P, 7, and 9.
(To order, add prefix "EF" to catalog number.)
See *Optional Features Section* for other available options.
Consult your local ASCO office for details on accessories.



Nominal Temperature Ranges:

Ambient: AC constructions: 0°F to 185°F (-18°C to 85°C).
150°F (66°C) maximum for valves with HYT diaphragm.

Consult local sales office for DC constructions.

Fluids: 0°F to 185°F (-18°C to 85°C), except as noted.
For temperatures to 300°F (149°C), specify FPM, suffix "V" (except where noted).
Refer to *Engineering Section* for details.

SERIES
8353
Dust Collector



Specifications (English units)

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Min. Operating Pressure Differential (psi) ⑩	Max. Operating Pressure Differential (psi) ⑩	Integral Pilot	Remote Pilot Construction (Minimum Pilot Valve Orifice Size = 1/8")	Constr. Ref. No.	Watt Rating/Class of Coil Insulation	Rebuild Kit AC Valves	Diaphragm Only 10 Pack "Zip" Kit
					Catalog Number	Catalog Number		AC	Kit No.	Kit No.
3/4	3/4	10.5	5	125	--	8353C33 ③	1	-	K96875	K238864
3/4 ①	3/4	10.5	5	125	--	8353C30 ③	1	-	K96875	K238864
3/4 ②	3/4	10.5	5	125	--	8353C4 ③	1	-	K96875	K238864
1	1 1/8	20	5	125	--	8353C35 ④	1	-	K200262	K238866
1	1 1/8	20	5	125	8353G41 ④	--	4	6.1/F	K314450	K238866
1	1 5/8	18	15	125	8353G6 ⑤ ⑧	--	3	17.1/F	K300144	--
1 1/4	1 5/8	20	15	125	8353G5 ⑤ ⑧	--	3	17.1/F	K300144	--
1 1/2	1 1/2	35	15	125	8353G1 ⑤ ⑧	--	3	17.1/F	K300144	--
1 1/2	2	53	10	125	--	8353H38 ④	2	-	K276886	K238870
1 1/2	2	53	5	125	8353J39 ④	--	5	10.1/F	K322108	K238870
1 1/2	2	48	5	125	8353G61 ⑨	--	5	10.1/F	K316297	--
1 1/2	2	48	10	125	--	8353A62 ⑨	2	-	K276884	--
2	2	60	15	125	8353G2 ⑤ ⑧	--	3	17.1/F	K300145	--
2	2	76	5	125	--	835348 ⑥ ⑦	2	-	K256802	K256797
2	2	76	5	125	8353G50 ⑥	--	5	10.1/F	K316029	K256797
2 1/2	2 1/2	82	5	125	--	835349 ⑥ ⑦	2	-	K256802	K256797
2 1/2	2 1/2	82	5	125	8353G51 ⑥	--	5	10.1/F	K316029	K256797
2 1/2	3	82	15	125	8353G7 ⑤	--	6	10.1/F	K176878	--
3	3	140	15	125	8353G8 ⑤	--	6	10.1/F	K176878	--

Notes: ① Supplied with internal slip fit connection on outlet.
 ② Extended ends for Dresser connections.
 ③ NBR diaphragm.
 ④ HYT diaphragm max. fluid temp. 150°F. For higher temperature, consult factory.
 ⑤ CR diaphragm/PA disc.
 ⑥ CR diaphragm.
 ⑦ Minimum pilot orifice size 7/32".
 ⑧ Consult factory for remote piloted construction.
 ⑨ NBR diaphragm, PA disc, long-life construction. Maximum fluid temp. 185°F.
 ⑩ Contact local sales office for DC pressure requirements.

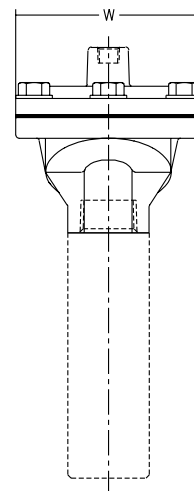
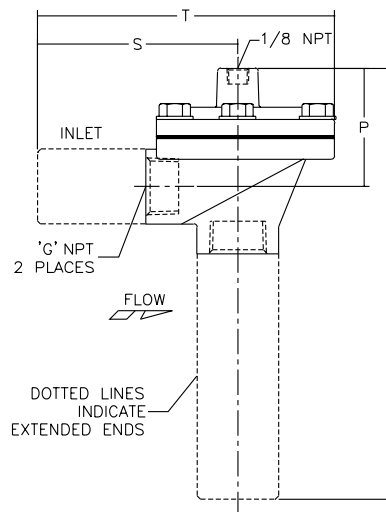
Specifications (Metric units)

Pipe Size (ins.)	Orifice Size (mm)	Kv Flow Factor (m3/h)	Min. Operating Pressure Differential (bar) ⑩	Max. Operating Pressure Differential (bar) ⑩	Integral Pilot	Remote Pilot Construction (Minimum Pilot Valve Orifice Size = 1/8")	Constr. Ref. No.	Watt Rating/Class of Coil Insulation	Rebuild Kit AC Valves	Diaphragm Only 10 Pack "Zip" Kit
					Catalog Number	Catalog Number		AC	Kit No.	Kit No.
3/4	19	9.0	0.3	8.6	--	8353C33 ③	1	-	K96875	K238864
3/4 ①	19	9.0	0.3	8.6	--	8353C30 ③	1	-	K96875	K238864
3/4 ②	19	9.0	0.3	8.6	--	8353C4 ③	1	-	K96875	K238864
1	29	17.1	0.3	8.6	--	8353C35 ④	1	-	K200262	K238866
1	29	17.1	0.3	8.6	8353G41 ④	--	4	6.1/F	K314450	K238866
1	41	15.4	1.0	8.6	8353G6 ⑤ ⑧	--	3	17.1/F	K300144	--
1 1/4	41	17.1	1.0	8.6	8353G5 ⑤ ⑧	--	3	17.1/F	K300144	--
1 1/2	38	30.0	1.0	8.6	8353G1 ⑤ ⑧	--	3	17.1/F	K300144	--
1 1/2	51	45.4	0.7	8.6	--	8353H38 ④	2	-	K276886	K238870
1 1/2	51	45.4	0.3	8.6	8353J39 ④	--	5	10.1/F	K322108	K238870
1 1/2	51	41.1	0.3	8.6	8353G61 ⑨	--	5	10.1/F	K316297	--
1 1/2	51	41.1	0.7	8.6	--	8353A62 ⑨	2	-	K276884	--
2	51	51.4	1.0	8.6	8353G2 ⑤ ⑧	--	3	17.1/F	K300145	--
2	51	65.1	0.3	8.6	--	835348 ⑥ ⑦	2	-	K256802	K256797
2	51	65.1	0.3	8.6	8353G50 ⑥	--	5	10.1/F	K316029	K256797
2 1/2	64	70.3	0.3	8.6	--	835349 ⑥ ⑦	2	-	K256802	K256797
2 1/2	64	70.3	0.3	8.6	8353G51 ⑥	--	5	10.1/F	K316029	K256797
2 1/2	76	70.3	1.0	8.6	8353G7 ⑤	--	6	10.1/F	K176878	--
3	76	120.0	1.0	8.6	8353G8 ⑤	--	6	10.1/F	K176878	--

Dimensions: inches (mm)

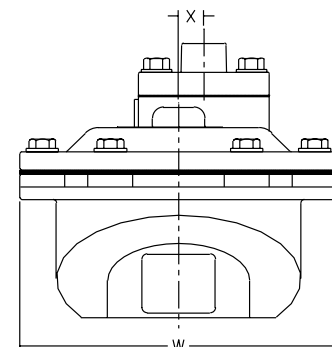
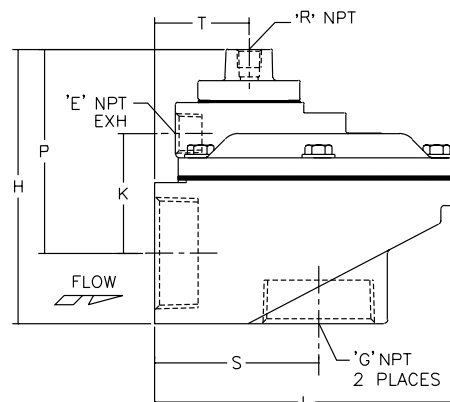
Cat. No.	"G"		H	L	P	Bonnet Bolts	T	W
8353C4	Extended End	ins.	7.94	3.69	2.16	5.00	5.16	3.44
		mm	201.6	93.7	54.8	127.0	131.0	87.3
8353C30	3/4 NPT (Inlet)	ins.	3.44	1.69	2.19	5.00	3.47	3.44
		mm	87.3	42.9	55.6	127.0	88.1	87.3
	3/4 Socket (Outlet)	ins.	3.44	1.69	2.19	5.00	3.47	3.44
		mm	87.3	42.9	55.6	127.0	88.1	87.3
8353C33	3/4 NPT	ins.	3.44	1.69	2.19	5.00	3.47	3.44
		mm	87.3	42.9	55.6	127.0	88.1	87.3
8353C35	1 NPT	ins.	2.53	2.03	1.69	4.00	3.50	2.94
		mm	64.3	51.6	42.9	101.6	88.9	74.6

Constr. Ref. 1



Cat. No.	"E" NPT	"G" NPT		H	L	P	"R" NPT	S	T	W	X
8353H38	3/8	1 1/2	ins.	4.63	5.16	3.44	1/8	2.78	1.61	5.38	0.44
			mm	117.5	131.0	87.3		70.6	40.9	136.5	11.1
8353A62	3/8	1 1/2	ins.	5.16	5.16	3.44	1/8	2.78	1.61	5.38	0.44
			mm	131.0	131.0	87.3		70.6	40.9	136.5	11.1
835348	3/4	2	ins.	6.47	6.63	4.69	1/4	3.75	2.56	6.50	--
			mm	164.3	168.3	119.1		95.3	65.1	165.1	--
835349	3/4	2 1/2	ins.	6.47	6.63	4.69	1/4	3.75	2.56	6.50	--
			mm	164.3	168.3	119.1		95.3	65.1	165.1	--

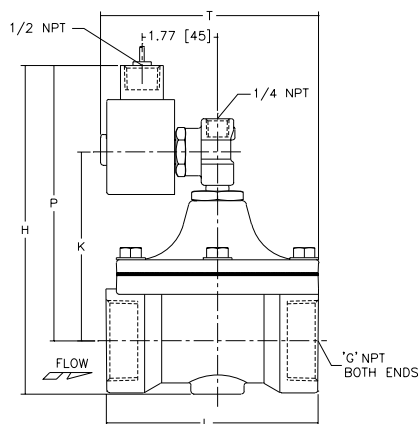
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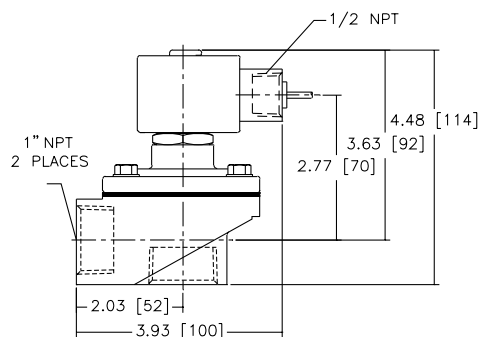
Dimensions: inches (mm)

Constr. Ref. 3

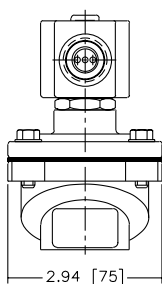
Cat. No.	"G" NPT		H	L	P	S	T	W
8353G1	1 1/2	ins.	7.72	5.00	6.47	1.78	5.13	5.38
		mm	196.1	127.0	164.3	45.2	130.2	136.5
8353G2	2	ins.	8.34	6.09	6.84	1.78	5.56	6.34
		mm	211.9	154.8	173.8	45.2	141.3	161.1
8353G5	1 1/4	ins.	7.72	5.00	6.47	1.78	5.13	5.38
		mm	196.1	127.0	164.3	45.2	130.2	136.5
8353G6	1	ins.	7.72	5.00	6.41	1.78	5.13	5.38
		mm	196.1	127.0	162.7	45.2	130.2	136.5



Constr. Ref. 4

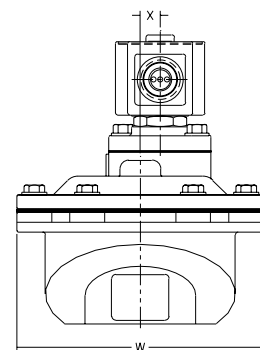
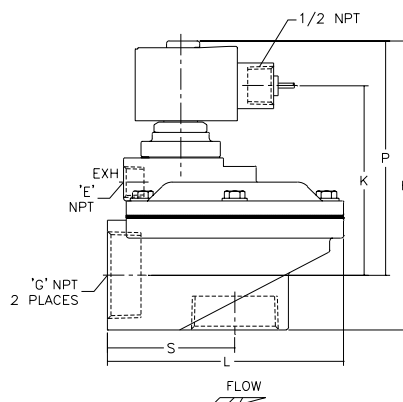


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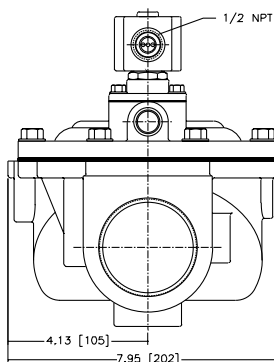
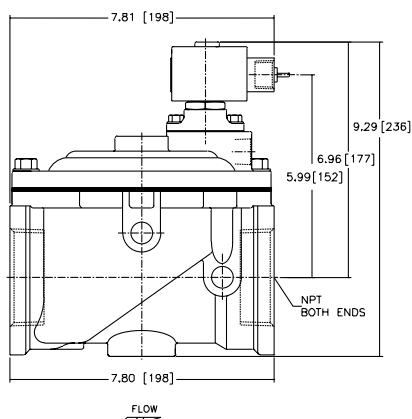


Constr. Ref. 5

Cat. No.	"E" NPT	"G" NPT		H	L	P	S	T	W	X
8353J39	3/8	1 1/2	ins.	6.28	5.16	5.08	2.78	1.61	5.38	0.44
			mm	159.5	131.0	129.0	70.6	40.9	136.5	11.1
8353G61	3/8	1 1/2	ins.	6.28	5.16	5.08	2.78	1.61	5.38	0.44
			mm	159.5	131.0	129.0	70.6	40.9	136.5	11.1
8353G50	3/4	2	ins.	8.25	6.63	6.47	3.75	2.56	6.50	--
			mm	209.6	168.3	164.3	95.3	65.1	165.1	--
8353G51	3/4	2 1/2	ins.	8.25	6.63	6.47	3.75	2.56	6.50	--
			mm	209.6	168.3	164.3	95.3	65.1	165.1	--



Constr. Ref. 6



Features

- Die-cast aluminum bodies and diaphragm operation.
- Integral compression fittings for fast, easy, secure installation.

Construction

Valve Parts in Contact with Fluid	
Body	Aluminum
Seals & Gasket	NBR
Diaphragms	NBR or HYT, as noted
Discs	PA
Retainer	Carbon Steel

Electrical

Standard Coil and Class of Insulation	Watt Rating and Power Consumption			Spare Coil Part No.	
	AC			General Purpose	Explosionproof
	Watts	VA Holding	VA Inrush	AC	AC
F	6.1	16	30	238210	238214
F	10.1	25	50	238610	238614

Standard Voltages: 24, 120, 240, 480 volts AC, 60 Hz (or 110, 220 volts AC, 50 Hz). Consult factory for DC voltage. Other voltages are available when required.

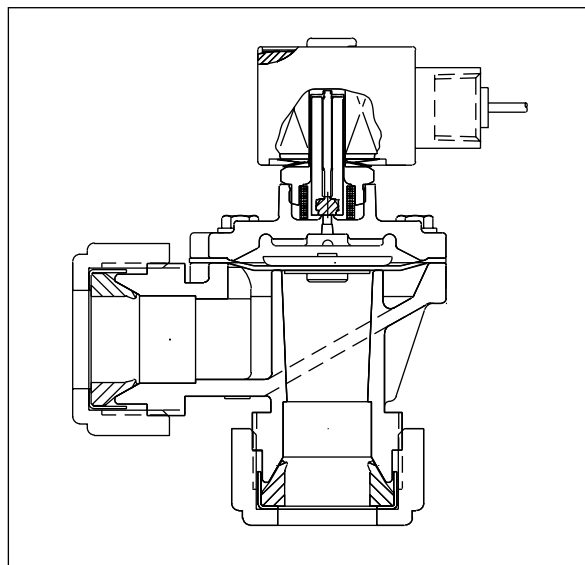
Solenoid Enclosures

Standard: Watertight, Types 1, 2, 3, 3S, 4, and 4X.

Optional: Explosionproof and Watertight, Types 3, 3S, 4, 4X, 6, 6P, 7, and 9.
 (To order, add prefix EF to catalog number.)

Also available Open Frame Solenoids, Junction Box, DIN connections.

See *Optional Features Section* for details on these and other available options.



Nominal Temperature Ranges:

Ambient: AC constructions: 0°F to 185°F (-18°C to 85°C);
 150°F (66°C) for valves with HYT diaphragms.

Fluids: 0°F to 185°F (-18°C to 85°C), except as noted. For temperatures to 300°F (149°C), specify FPM, suffix "V" (except where noted).

Pressure Ranges:

AC minimum 5 psi (0.3 bar).

AC maximum 125 psi (8.6 bar).

Consult ASCO for DC pressure ratings.

Specifications (English, Metric units)

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Kv Flow Factor (m3/h)	Min. & Max. Operating Pressure Differential (psi)	Min. & Max. Operating Pressure Differential (bar)	Integral Pilot Catalog Number	Remote Pilot Construction (Minimum Pilot Valve Orifice Size = 1/8")	Watt Rating/ Class of Coil Insulation	Rebuild Kit AC Valves	Diaphragm Only 10 Pack "Zip" Kit
							Catalog Number	AC	Kit No.	Kit No.
3/4	3/4	15	12.9	5 & 125	0.3 & 8.6	8353G52 ①	--	6.1/F	K316563	K238866
3/4	3/4	15	12.9	5 & 125	0.3 & 8.6	--	835355 ①	-	K200262	K238866
1	1 1/8	20	17.1	5 & 125	0.3 & 8.6	8353G53 ①	--	6.1/F	K316563	K238866
1	1 1/8	20	17.1	5 & 125	0.3 & 8.6	--	835356 ①	-	K200262	K238866
1 1/2	2	48	41.1	5 & 125	0.3 & 8.6	8353G59 ②	--	10.1/F	K316297	--
1 1/2	2	48	41.1	10 & 125	0.7 & 8.6	--	8353A64 ②	-	K276884	--
1 1/2	2	50	42.9	5 & 125	0.3 & 8.6	8353H54 ①	--	10.1/F	K322108	K238870
1 1/2	2	50	42.9	10 & 125	0.7 & 8.6	--	8353A57 ①	-	K276886	K238870

Notes: ① HYT diaphragm. Maximum fluid temperature 150°F (66°C). For higher temperature, consult factory.

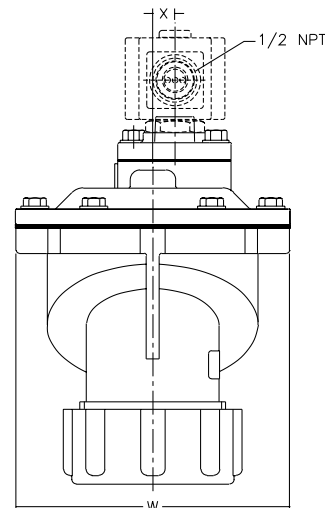
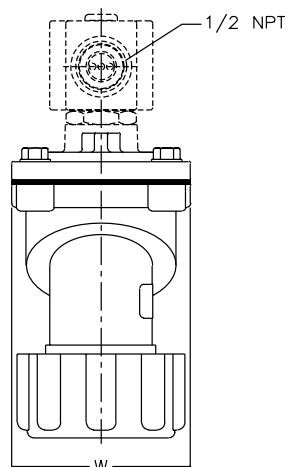
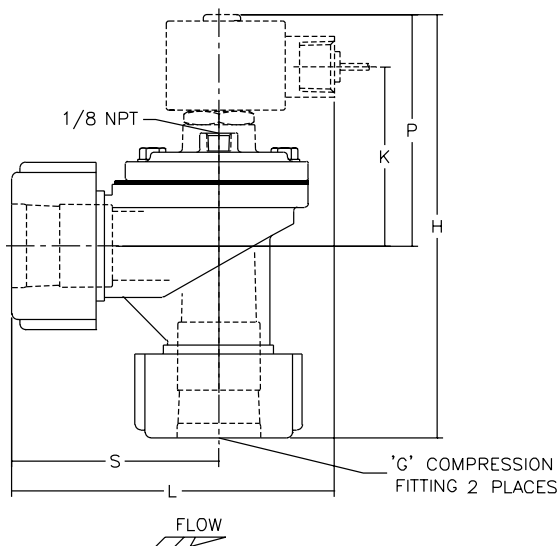
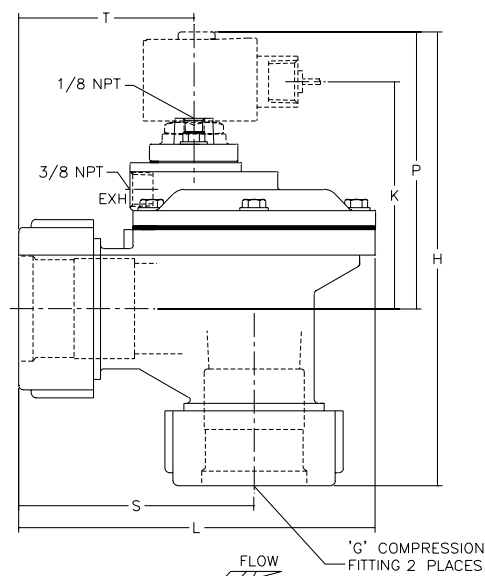
② NBR diaphragm, PA disc, Long-life construction. Maximum fluid temperature 185°F (85°C).

The rubber seal, retainer, and nut provide pressure sealing around the pipes. Inlet and blow pipes must be secured to prevent movement.

Dimensions: inches (mm)

Catalog No.	"G" Compression Fitting		H	I	P	S	T	W	X
8353G52	3/4	ins.	6.03	5.06	3.75	3.16	--	2.94	--
		mm	153.19	128.59	95.25	80.17	--	74.61	--
835355	3/4	ins.	4.09	4.63	1.78	3.16	--	2.94	--
		mm	103.98	117.48	45.24	80.17	--	74.61	--
8353G53	1	ins.	7.03	5.34	3.81	3.47	--	2.94	--
		mm	178.59	135.73	96.84	88.11	--	74.61	--
835356	1	ins.	5.06	4.94	1.88	3.47	--	2.94	--
		mm	128.59	125.41	47.63	88.11	--	74.61	--
8353H54	1 1/2	ins.	8.84	6.97	5.38	4.63	3.44	5.38	0.44
		mm	224.63	177.01	136.53	117.48	87.31	136.53	11.11
8353A57	1 1/2	ins.	7.19	6.97	3.75	4.63	3.44	5.38	0.44
		mm	182.56	177.01	95.25	117.48	87.31	136.53	11.11
8353G59	1 1/2	ins.	8.84	6.97	5.38	4.63	3.44	5.38	0.44
		mm	224.63	177.01	136.53	117.48	87.31	136.53	11.11
8353A64	1 1/2	ins.	7.19	6.97	3.75	4.63	3.44	5.38	0.44
		mm	182.56	177.01	95.25	117.48	87.31	136.53	11.11

Note: Integral Pilot shown dotted in.



Features

- Unique flow pattern and special springless piston/diaphragms provide superior dust collector performance.
- Long life and broad temperature range.
- Quick mount connection eliminates thread cutting and sealing.
- Stainless steel clip-ring mounting eliminates bolts that can corrode and seize.
- Integral operators have molded epoxy coils, with available options.
- Valves may be mounted in any position.



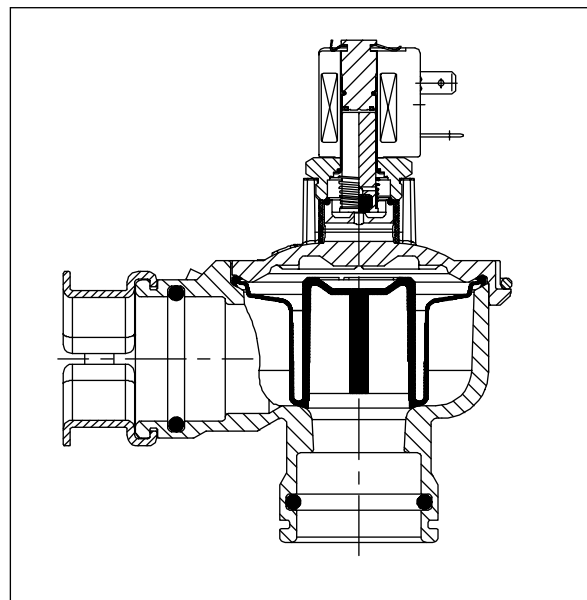
Construction

Body	Aluminum
Clip Ring/Clamps/Bolts	Stainless Steel
Diaphragm	HYT
Integral Solenoid	
Core Tube/Core & Plugnut/Core Spring	Stainless Steel
Seals and Disc	NBR
Shading Coil	Copper

Electrical

Standard Coil and Class of Insulation	Watt Rating and Power Consumption			Spare Coil Part No.	
	AC			General Purpose	Explosionproof
	Watts	VA Holding	VA Inrush	AC	AC
F	6.1	16	30	238210	238214

Standard Voltages: 24, 120, 240, 480 volts AC, 60 Hz (or 110, 220 volts AC, 50 Hz). Consult factory for DC voltage. Other voltages are available when required.



Solenoid Enclosures

Standard: Red-Hat II Types 1, 2, 3, 4, and 4X combination. General Purpose and Watertight.

Optional: Red-Hat II Types 3, 3S, 4, 4X, 6, 6P, 7, and 9. Explosionproof and Watertight.
(To order, add prefix "EF" to catalog number.) Other electrical and construction options are also available.
Consult your local ASCO office for details on accessories.

Nominal Ambient Temperature Ranges:

Remote: -40°F to 185°F (-40°C to 85°C)

Integral: -4°F to 125°F (-20°C to 50°C)

Refer to Engineering Section for details.

SERIES
8353
Dust Collector



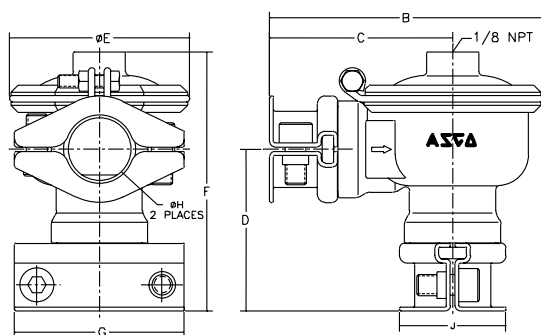
Specifications (English, Metric units)

Pipe Size (ins.)	Orifice Size ins. (mm)	Remote Pilot Connection ins. (mm)	Cv Flow Factor	Kv Flow Factor (m3/h)	Operating Pressure Differential psi (bar)		Quick Mount Catalog Number	Constr. Ref. No.	NPT Connections Catalog Number	Constr. Ref. No.	Watt Rating/ Class of Coil Insulation
					Air						
					Minimum	Maximum					
REMOTE PILOT CONSTRUCTIONS											
3/4	3/4 (19.1)	1/8 (3.2)	16	13.71	5 (0.3)	125 (8.6)	8353A120	1	8353A220	2	-
1	1 (25.4)	1/8 (3.2)	27	23.14	5 (0.3)	125 (8.6)	8353A121	1	8353A221	2	-
INTEGRAL PILOT CONSTRUCTIONS											
3/4	3/4 (19.1)	-	16	13.71	5 (0.3)	125 (8.6)	8353G126	3	8353G226	4	6.1/F
1	1 (25.4)	-	27	23.14	5 (0.3)	125 (8.6)	8353G127	3	8353G227	4	6.1/F

Dimensions: inches (mm)

Remote Pilot Constructions

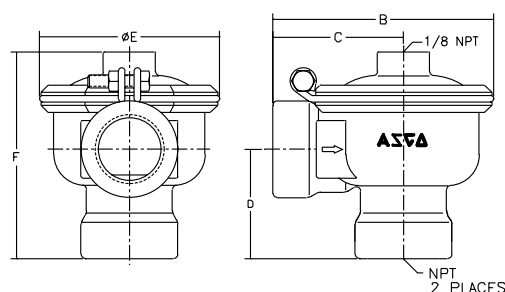
Constr. Ref. 1



Quick Mount

Pipe Connections	A	B	C	D	E	F	G	H	J
3/4" Quick Mount	-	4.12 (105)	2.76 (70)	2.44 (62)	2.72 (69)	3.91 (99)	2.56 (65)	1.09 (27.6)	1.65 (42)
1" Quick Mount	-	4.92 (125)	3.23 (82)	2.80 (71)	3.35 (85)	4.36 (110.7)	2.84 (72)	1.35 (34.4)	1.89 (48)
3/4" NPT	3/4"	3.33 (85)	1.97 (85)	1.65 (42)	2.72 (69)	3.12 (79)	-	-	-
1" NPT	1"	4.13 (105)	2.44 (62)	2.01 (51)	3.35 (85)	3.57 (90.7)	-	-	-

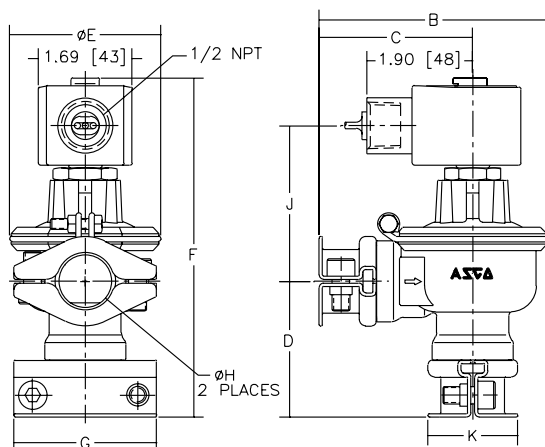
Constr. Ref. 2



NPT

Integral Pilot Constructions

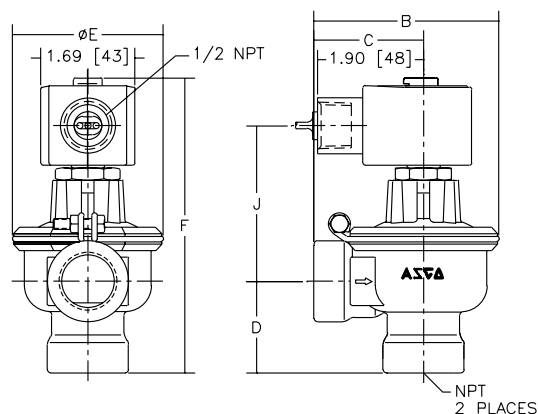
Constr. Ref. 3



Quick Mount

Pipe Connections	A	B	C	D	E	F	G	H	J	K
3/4" Quick Mount	-	4.12 (105)	2.76 (70)	2.44 (62)	2.72 (69)	6.10 (155)	2.56 (65)	1.09 (27.6)	2.80 (71)	1.65 (42)
1" Quick Mount	-	4.92 (125)	3.23 (82)	2.80 (71)	3.35 (85)	6.63 (168)	2.84 (72)	1.35 (34.4)	2.97 (75)	1.89 (48)
3/4" NPT	3/4"	3.33 (85)	1.97 (85)	1.65 (42)	2.72 (69)	5.31 (135)	-	-	2.80 (71)	-
1" NPT	1"	4.13 (105)	2.44 (62)	2.01 (51)	3.35 (85)	5.84 (148)	-	-	2.97 (75)	-

Constr. Ref. 4



NPT

Features

- Designed to pilot large dust collector pulse valves.
- For individual installation or mounting in panel enclosure.
- Brass bodied valve has threaded exhaust port for optional muffler installation, and screw or leaded terminals.
- Plastic body valve designed for plastic or metallic tubing, has spade terminals.
- All with bubble-tight seals.
- Zero minimum pressure.

Construction

Valve Parts in Contact with Fluids	
Body	Brass or PA, as listed
Seals and Discs	NBR
Core Tube	305 Stainless Steel
Core and Plugnut	430F Stainless Steel
Shading Coil	Copper
Springs	302 Stainless Steel

Electrical

Standard Coil & Class of Insulation	Watt Rating and Power Consumption AC			Spare Coil Part No. AC	
	Watts	VA Holding	VA Inrush	General Purpose	Explosionproof
F	6	15.6	27.5	99216 (spade)	-
F	6	15.6	27.5	125472 (screw)	-
F	6.1	16	30	238210	238214
B	24.9	34.8	43.2	174879 ①	-

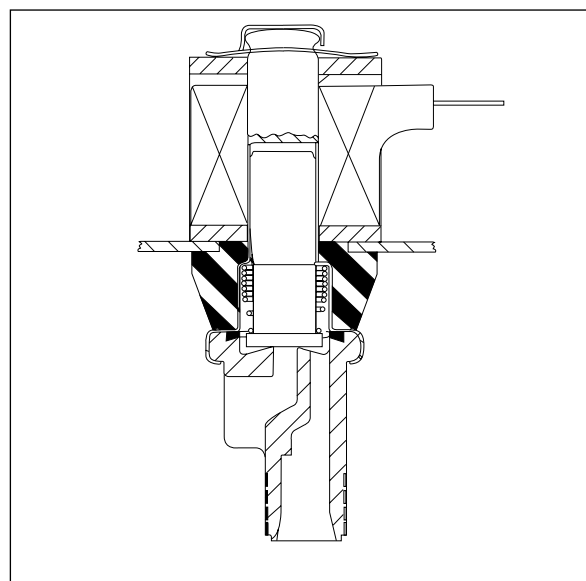
Standard Voltages: 24, 120, 240, 480 volts AC, 60 Hz (or 110, 220 volts AC, 50 Hz). Consult factory for DC voltage. Other voltages are available when required.

Note: ① Maximum voltage 120/60. Higher voltages use Class F Coil, 186548.

Solenoid Enclosures

Standard: Red-Hat II - Watertight, Types 1, 2, 3, 3S, 4, and 4X;
 Red-Hat - Open Frame.

Optional: Red-Hat II - Explosionproof and Watertight, Types 3, 4, 4X, 6, 6P, 7, and 9. (To order, add prefix "EF" to catalog number.)
 Red-Hat - Open Frame and Panel Mount.
See Optional Features Section for other available options.



Nominal Ambient Temperature Ranges:

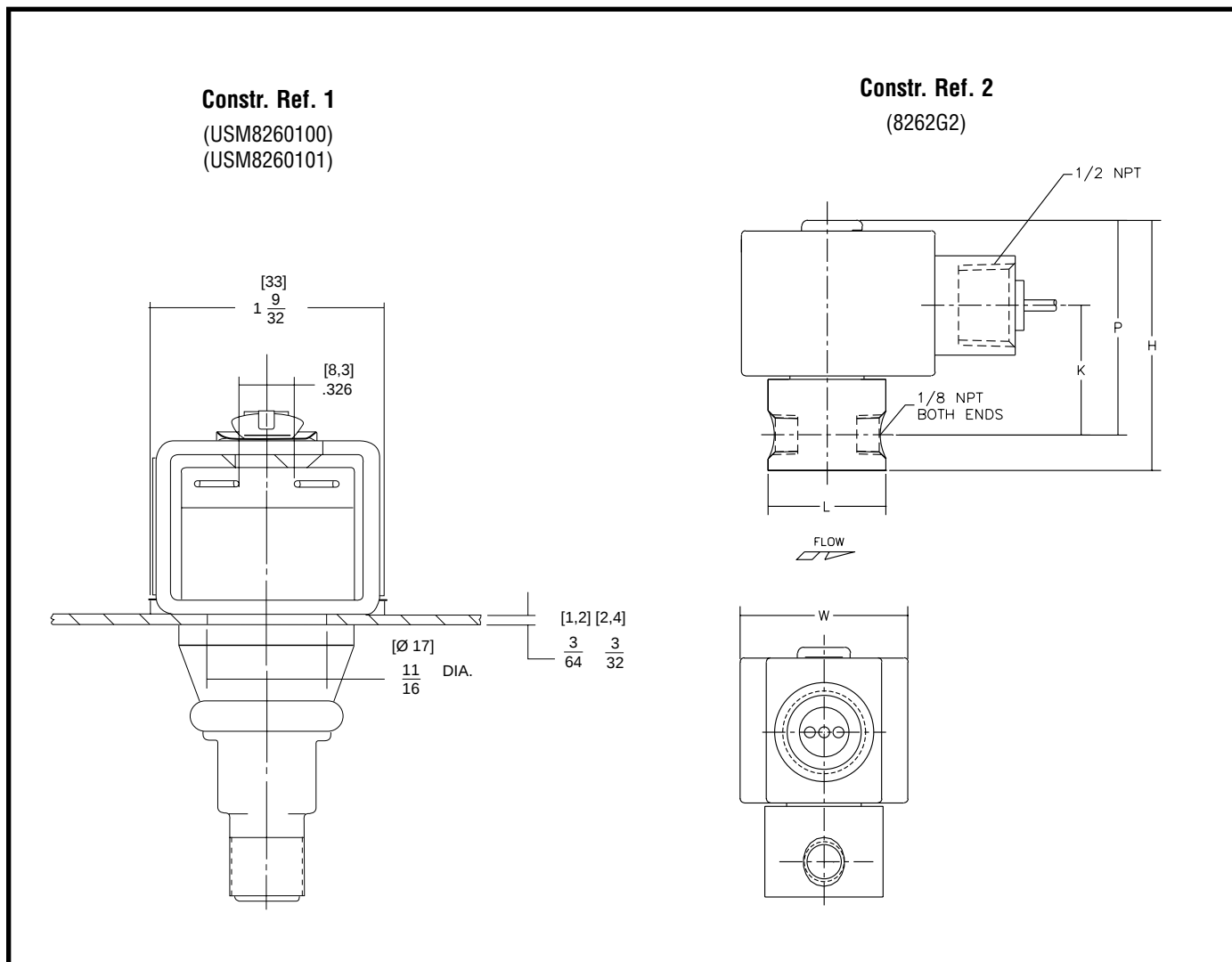
Ambient: AC constructions: 32°F to 125°F (0°C to 52°C)

Fluids: 32°F to 180°F (0°C to 82°C)

Specifications (English, Metric units)

Pipe Size (ins.)	Orifice Size (ins.)	Cv Flow Factor	Kv Flow Factor (m3/h)	Max. Operating Pressure Differential (psi)	Max. Operating Pressure Differential (bar)	Red-Hat II Catalog Number	Red-Hat Panel Mount Solenoids with Spade Terminal Coils Standard	Red-Hat Panel Mount Solenoids with Screw Terminal Coils Standard	Watt Rating Class of Coil Insulation
							Catalog Number	Catalog Number	AC
NORMALLY CLOSED (Closed when de-energized), Brass Body - AC Only									
1/8	1/8	.34	.29	125	8.6	8262G2	--	--	6.1/F
1/8	1/8	.34	.29	125	8.6	--	PSF8262C2 ④	--	6/F
1/8	1/8	.34	.29	125	8.6	--	--	PSFX8262C2-17523 ③ ④	6/F
NORMALLY CLOSED (Closed when de-energized), PA Body - AC Only									
1/4 O.D. ② Comp.	1/8	.30	.26	125	8.6	--	USM8260100 ①	--	24.9/B
1/8 External NPT	1/8	.30	.26	125	8.6	--	USM8260101 ①	--	24.9/B
Notes: ① Spade terminal coils are standard; leaded coils are optional. Solenoid will withstand a total energized time of 12 seconds within any 60 second period. ② Fittings not supplied with valve. To order, refer to List Price Schedule. ③ Gasketed panel mount pilot valve used in pilot valve enclosure HV125468, -69, and -70. ④ For dimensional drawing contact local sales office.									

Dimensions: inches (mm)



Features

- Eliminates welding in through-the-wall installations.
- Normally used with ASCO pulse valves having integral Dresser fittings.
- Top loading-type dust collectors require installation and removal of collector bags or cartridges from the top of the housing, above the blow tubes.
- Bottom loading types require installation and removal of bags or cartridges for the bottom from the housing, below the blow tubes.

Installation

Fittings are installed through the dust collector wall, gasketed in place, and secured with a retaining ring. Compression nut, retainer, and pipe seal are then installed on the pipe, making certain the beveled edge of the seal faces the connector body. The pipe assembly then slides into the connector body and the nut is firmly hand tightened.



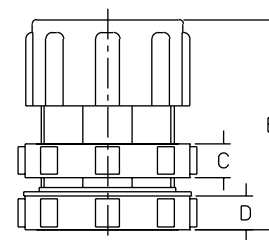
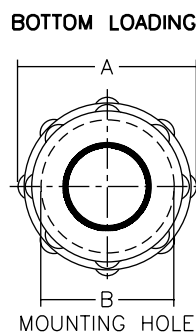
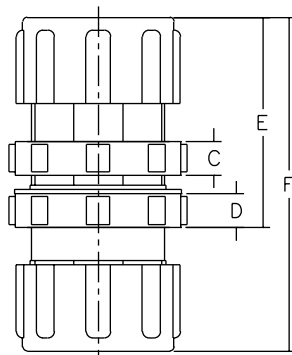
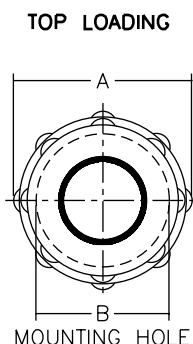
Nominal Ambient Temperature Ranges:

0°F to 185°F (-18°C to 85°C)

For higher temperatures, specify suffix "V".

Note: The rubber seal, retainer, and nut provide pressure sealing around the pipes. Inlet, and blow pipes, must be secured to prevent movement.

Dimensions: inches (mm)



Connector Size		3/4"	1"	1-1/2"
A	ins.	2.52	3.04	3.92
	mm	64.01	77.22	99.57
B	ins.	1.92	2.20	2.92
	mm	48.77	55.88	74.17
C	ins.	0.48	0.48	0.60
	mm	12.19	12.19	15.24
D	ins.	0.48	0.48	0.60
	mm	12.19	12.19	15.24
E	ins.	2.92	2.88	3.68
	mm	74.17	73.15	93.47
F	ins.	4.64	4.72	5.76
	mm	117.86	119.89	146.30
Top Loading Kit Number	Pipe Size (ins.)	Bottom Loading Kit Number		
266015	3/4	266014		
266017	1	266016		
266019	1-1/2	266018		

Features

- Protection for pre-wired ASCO remote pilot valves.
- Corrosion resistant, cast aluminum enclosures available with Type 4 Watertight or Types 7 and 9 Explosionproof protection.
- Installer-friendly valve layout.
- For Explosionproof enclosure, manual operation possible through exhaust port in base.
- Enclosures may be mounted in any position.



Pilot Valve Enclosures

Standard: Watertight enclosure: Types 1, 2, 3, 3S, and 4.
Explosionproof enclosure: Types 4, 4X, 6, 7 and 9.
Class I, Div 1, Groups C and D.
Class II, Div 1, Groups E, F, and G.

Optional: For corrosion resistance, Type 4X on Watertight enclosures, add suffix "A" to catalog number. Type 4X is standard on Explosionproof enclosure.
See Optional Features Section for other available options.

Optional Heater Kit

Not available on explosionproof enclosure.
3-5 valve configuration, Kit #125675-001.
6-8 valve configuration, Kit #125675-002.
Not available for 9-12 valve configuration.

Approvals for Pilot Valve Enclosures:

CSA certified.

Ordering instructions for Pilot Valve Enclosures - 3 to 12 Pilot Valves

No. of Valves	Catalog Number			Catalog Number		
	Watertight/Dusttight	Suffix		Explosionproof	Suffix	
		120/60 V	240/60 V		120/60 V	240/60 V
3	125468-003-	-01	-02	125847-003-	-01	-02
4	125468-004-	-01	-02	125847-004-	-01	-02
5	125468-005-	-01	-02	125847-005-	-01	-02
6	125469-006-	-01	-02	125847-006-	-01	-02
7	125469-007-	-01	-02			
8	125469-008-	-01	-02			
9	125470-009-	-01	-02			
10	125470-010-	-01	-02			
11	125470-011-	-01	-02			
12	125470-012-	-01	-02			

To order for different voltages, add suffix to catalog numbers, as shown above: -01" for 120 volt, 60 Hz valves; -02" for 240 volt, 60 Hz valves.
Example: Specify Catalog Number 125470-009-02 for a Type 4 box, which includes nine 240 volt, 60 Hz PSFX8262C2-17523 pilot valve with screw terminal coils.

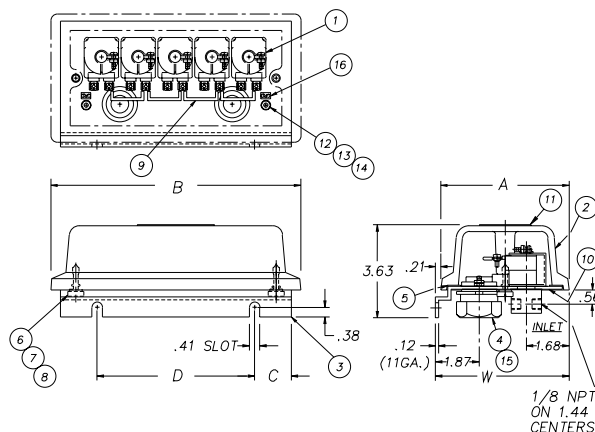
Pilot Valve Specifications (English, Metric units)

Pipe Size (ins.)	Orifice Size ins. (mm)	Cv Flow Factor (KV flow factor m ³ /h)	Max. Pressure psi (bar)	Catalog Number	Watt Rating/ Class of Coil Insulation	Spare Coil
Watertight Enclosure includes these built-in pilot valves:						
1/8	1/8 (3.2)	0.34 (0.29)	150 (10)	PSFX8262C2-17523	6/F	125472
Explosionproof Enclosure includes these built-in pilot valves:						
1/8	1/8 (3.2)	0.34 (0.29)	150 (10)	X82001-17579	6/F	125472

Dimensions: inches (mm)

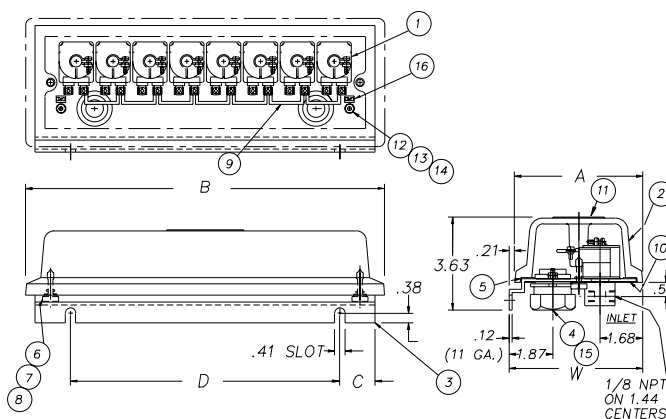
Type 4 Watertight Enclosures

5 Valve Maximum



Catalog No.		A	B	C	D	W
125-468	ins.	5.00	9.75	1.43	6.14	5.21
	mm	127	248	36	156	132

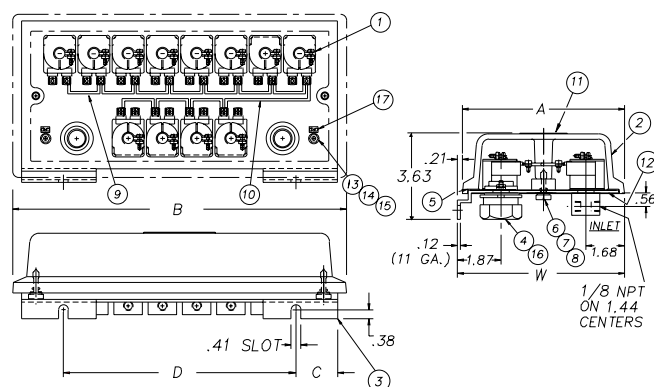
8 Valve Maximum



Catalog No.		A	B	C	D	W
125-469	ins.	5.00	14.00	1.38	10.50	5.21
	mm	127	356	35	267	132

Type 4 Watertight Enclosure

12 Valve Maximum



Catalog No.		A	B	C	D	W
125-470	ins.	6.81	14.00	1.75	9.75	7.02
	mm	173	356	44	248	178

Types 7 and 9 Explosionproof Enclosure

Explosionproof Assembly - 6 Valve Maximum

