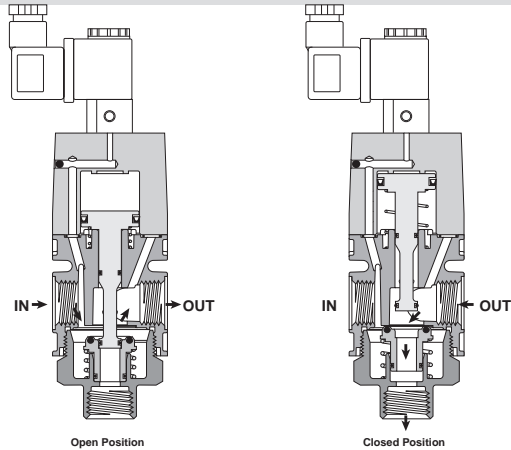
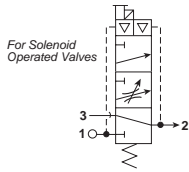


A

S75 & S105 Solenoid Quick Dump Valves



Features

- Connects to Other QUBE Units Using Just Screws & O-Rings (Included)
- Integral Mounting Slots Eliminate Need for Mounting Brackets
- Shuts Off Incoming Pressure While Rapidly Exhausting Downstream Pressure
- Unit is Installed Downstream of Lubricator (If Used)
- Large Exhaust Flow Capacities Up to 5.7 Cv
- Solenoid Operation
- Non-locking Manual Override
- Inline or Modular Mounting

Operation

The solenoid quick dump valves are high flow, normally closed, 3-Port, 2-Position directional control valves. Upon energizing the solenoid, inlet air is applied to the top of the piston. The piston pushes against the spring and opens the main valve providing full flow air to the downstream. When the solenoid is de-energized, the main valve closes allowing downstream air to exhaust rapidly through the bottom plug. The bottom plug is tapped so that exhaust may be piped away or fitted with a muffler.

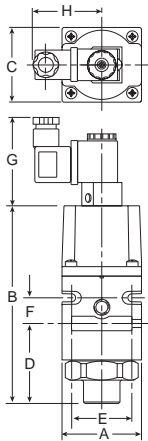
CAUTION
 Do not use synthetic, reconstituted, or oils with an alcohol content or detergent additive.

CAUTION
 Do not restrict the inlet of valves having an internal pilot supply. Pressure supply piping must be the same size as the inlet port or larger to insure that the pilot valve receives sufficient pressure supply during high flow conditions.

Ordering Information / Dimensions

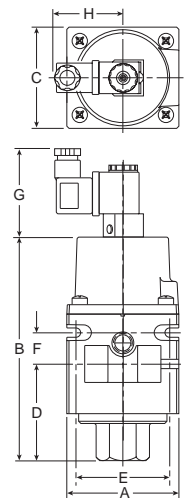
75 Series		
Model Number	Port (NPT)	Flow* Cv
24VDC / 48VAC		
S75-03M	3/8"	4.1
S75-04M	1/2"	4.2
12VDC / 24VAC		
S75-03Z	3/8"	4.1
S75-04Z	1/2"	4.2
120VAC		
S75-03K	3/8"	4.1
S75-04K	1/2"	4.2

*Exhaust Flow



105 Series		
Model Number	Port (NPT)	Flow* Cv
24VDC / 48VAC		
S105-04M	1/2"	5.3
S105-06M	3/4"	5.7
12VDC / 24VAC		
S105-04Z	1/2"	5.3
S105-06Z	3/4"	5.7
120VAC		
S105-04K	1/2"	5.3
S105-06K	3/4"	5.7

*Exhaust Flow



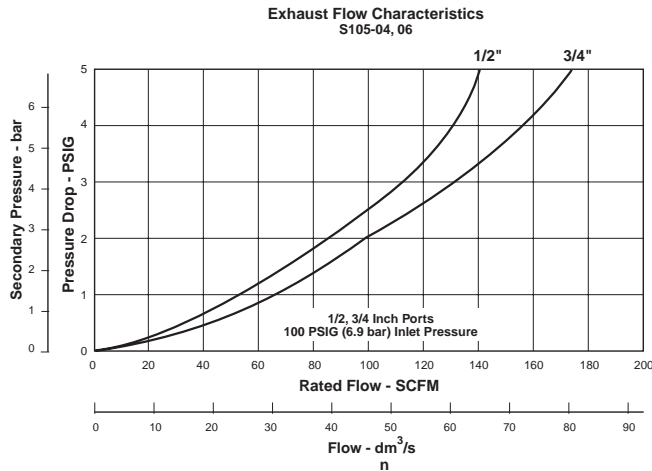
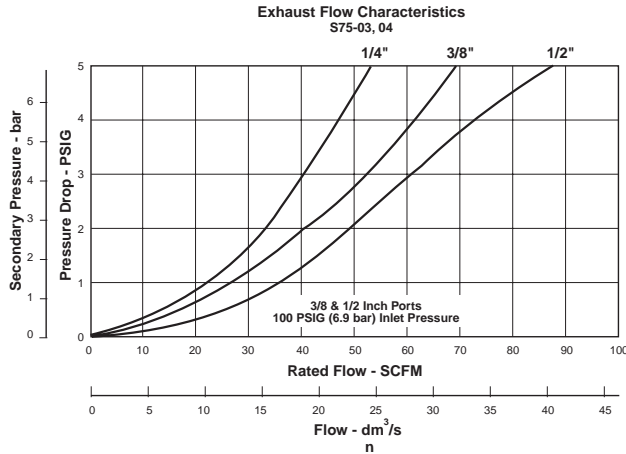
Model	A	B	C	D	E	F	G	H
SC75	2.19 (56)	5.43 (138)	2.06 (52)	1.50 (38)	1.66 (42)	.72 (18)	2.56 (65)	1.91 (48)

Inches (mm)

Model	A	B	C	D	E	F	G	H
SC105	3.03 (77)	6.03 (153)	2.75 (70)	1.84 (47)	2.53 (64)	.84 (21)	2.56 (65)	1.90 (48)

Inches (mm)

Technical Information



**QUBE S75 & S105 Series Kits
 & Accessories**

Coil Kits –

- 24VDC / 48VAC Coil.....2EV103
- 12VDC / 24VAC Coil.....2EV102
- 120 VAC Coil2EV105

Seal Repair Kits –

- S75 SeriesRKS75
- S105 SeriesRKS105

Exhaust Mufflers

- S75 (1/2" Exhaust)M60-04
- S105 (3/4" Exhaust)M60-06

Specifications

Exhaust Ports

- S751/2 Inch
- S1053/4 Inch

Gauge Ports (Downstream pressure)

- S75 (2).....1/8 Inch
- S105 (2).....1/4 Inch

- Maximum Pressure** 145 PSIG (9.9 bar)
- Minimum Operating Pressure** 30 PSIG (2.1 bar)
- Temperature Ratings**40°F to 120°F (4°C to 49°C)
- Weight –**
- S753.25 lb. (1.47 kg)
- S1055.50 lb. (2.49 kg)

Materials of Construction

- Body**.....Zinc
- Bottom Plug** Brass
- Internal Components** Brass
- Seals** Nitrile
- Springs** Stainless Steel
- Top Cover** Aluminum

