

Installation Guide for the SCDK Self-Cleaning Valve and Drain Hose Kit

Model No.	Inlet	Outlet
SCDK-5025	1/2"	1/4"
SCDK-5038	1/2"	3/8"
SCDK-5050	1/2"	1/2"

Utilizing the SCDK self-cleaning valve, It is no longer necessary to isolate the drain from the compressed air source to clean the BPS inlet screen. The SCDK self-cleaning valve includes an additional lever/isolation valve which is typically In the closed position. Periodically the lever should be opened for a few seconds to allow compressed air from the receiver to blow by the BPS screen pushing the debris out from the screen.

Installation for SCDK Self Cleaning Valve with Drain Hose Kit



Caution:

- When Installing the self-cleaning valve and hose, make sure power is turned off and air system is drained to zero pressure
- Secure tubing to prevent "whipping" when valve is actuated

Installation:

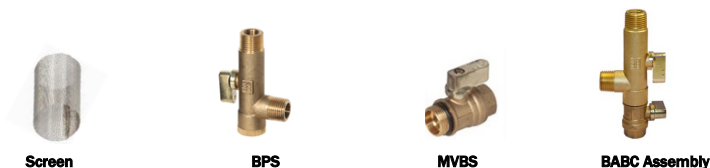
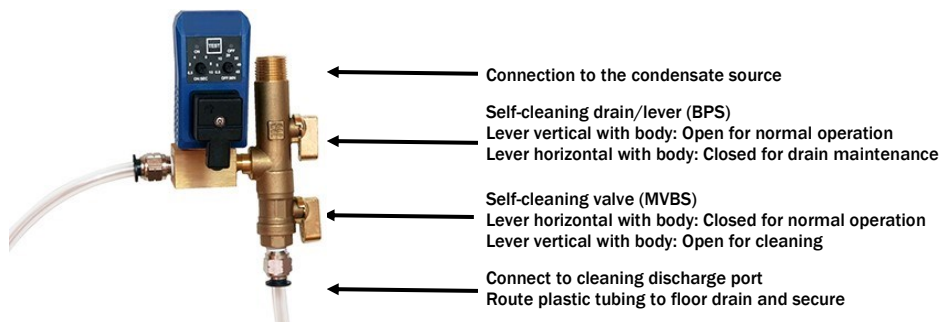
- Verify direction of flow (stamped on valve body)
- Valve can be mounted in any position

Assembly Instructions for the SCDK Self Cleaning Valve with Drain Hose Kit

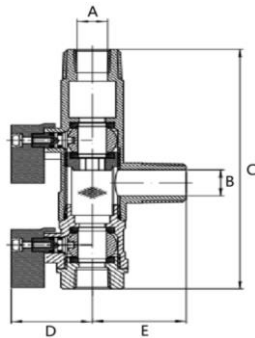
- Disassemble the BPS combination ball valve strainer from the MVBS self-cleaning valve
- Connect the BPS strainer to the inlet side of the drain (see the directional arrow on the brass body)
- Insert the strainer screen
- Connect the MVBS self-cleaning valve to the BPS combination ball valve strainer
- Included are two sets of plastic tubing with push-on fittings. Install one to the bottom of the BABC self-cleaning drain valve and the other to the drain discharge port. Secure plastic tubing to prevent "whipping" when valve is actuated.
- The use of Teflon® tape or equivalent is required on all threads and included in the kit.

Operation for Cleaning:

- Under normal operation, the lever for BPS portion must be in the open position and lever on MVBS portion must be in the closed position
- To run a cleaning cycle, open the lever on the MVBS. Before returning to normal operation, move the levers to their original positions. Do not leave the drain unattended while cleaning.



SCDK Strainer with Self-Cleaning Valve and Drain Hose Kit



Self Cleaning Drain/Lever
Lever Horizontal Position: Closed
Lever Vertical Position: Open

600 PSI CWP Service
Temperature Range: -4 F to 200 F
Forged Brass Construction
Blow Out Proof Stem
PTFE Ball Seats and Rubber Seals
Hose Connection (Strainer Discharge): 1/4"FPT
Connection to Condensate Drain : 1/4", 3/8" or 1/2" MPT
Receiver Connection (Strainer Inlet): 1/4 " FPT and 1/2" MPT
Includes 3 Ft. Drain Hose Kit with Push On Fittings

With the self clean feature It is no longer necessary to isolate the drain from the compressed air source to clean the BPS inlet screen. The self cleaning features includes an additional lever/ isolation valve which is typically in the closed position. Periodically the lever should be opened for a few seconds to allow compressed air from the receiver to blow by the BPS screen pushing the debris out from the screen.

Part No.	Size	A (in)	B (in)	C (in)	D (in)	E (in)	Wt. (lbs.)	Carton Qty
SCDK-5025	1/2" x 1/4"	0.37	0.31	4.87	1.15	1.34	1.09	36
SCDK-5038	1/2" x 3/8"	0.37	0.39	4.87	1.15	1.34	1.09	36
SCDK-5050	1/2" x 1/2"	0.37	0.53	4.87	1.15	1.34	1.10	36

Part No.	Qty	Description	Material
1	1	Clean Valve Cap	Brass
2	1	Clean Valve Body	Brass
3	4	Ball Seats	PTFE
4	2	Balls	Brass Chrome-Plated
5	1	Screen	Stainless Steel
6	1	Retainer Nut	Brass
7	1	Strainer Body	Brass
8	4	Stem seals	Rubber
9	2	Stems	Brass
10	2	Handle Screw	Steel
11	2	Handles	Zinc Cast
12	1	Connection Seal	Rubber



WARNING: This product can expose you to chemicals, including lead, which is known to the State of California to cause cancer and reproductive harm. For more information go to www.P65Warnings.CA.gov

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Rev. Level-Date: R1 8/2020