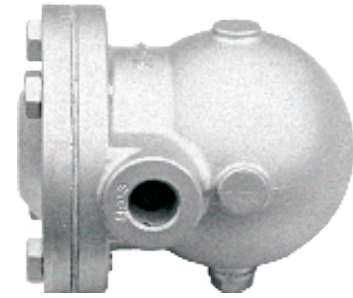


PD61SS

LIQUID DRAIN TRAPS 1/2", 3/4"



DESCRIPTION:

PD61SS float traps are designed to drain moisture/ liquids from compressed air/gas systems.

FEATURES:

Modulating discharge.

USE:

Compressed air and non-corrosive gas compatible with the construction.

SIZES: NPS 1/2, 3/4

CONNECTIONS: Screwed (NPT/BSPT/BSP)
Socket Weld/Flanged

*End connection flanges of Stainless steel are welded on.

LIMITING CONDITIONS:

PMA: Max. allowable pressure	230 psig
TMA: Max. allowable temperature	425 °F
PMO: Max. operating pressure	200 psig
TMO: Max. operating temperature	425 °F
Cold hydro test pressure	375 psig

INSTALLATION:

Standard horizontal installation with flow from right to left PD61SS.

UPON REQUEST:

- Horizontal installation with flow from left to right PD61SS (L-R).
- Vertical installation with flow from top to bottom PD61SS (V).

Max. differential pressure range:

PD61SS-65 : 65 psi

PD61SS-145 : 145 psi

PD61SS-200 : 200 psi

The trap should be installed below the drain point of the equipment in a position so that the float arm is in a horizontal plane and the float rises and falls vertically, with the flow direction as indicated on the body.

The arrow on the nameplate should be pointing vertically upwards.

It is recommended that an equaliser line be fitted as shown in the installation manual for this product

DISCHARGE CAPACITY IN lbs/hr (COLD WATER)

MODEL	SIZE	DIFFERENTIAL PRESSURE																
		7	15	21.5	28.5	42.5	57	65	70	85	100	115	128	145	157	170	185	200
PD61SS-65	1/2", 3/4"	570	800	915	1000	1145	1300	1420	-	-	-	-	-	-	-	-	-	-
PD61SS-145	1/2", 3/4"	385	430	506	540	660	770	805	825	860	1000	1110	1145	1200	-	-	-	-
PD61SS-200	1/2", 3/4"	363	395	430	475	550	627	660	705	770	850	935	1000	1078	1155	1230	1300	1375

MATERIAL:

NO.	PART	MATERIAL	QTY. (Nos.)
1.	BODY	ASTM A351 Gr. CF8	01
2.	COVER PLATE	ASTM A351 Gr. CF8	01
3.	TOP COVER	AISI 304	01
4.	BALL FLOAT & LEVER ASSY.	AISI 304	01
5.	BRACKET ASSY.	AISI 304	01
6.	VALVE SEAT	AISI 410/420	01
7.	PLUG	STAINLESS STEEL	01
8.	COVER GASKET	NON CAF	01
9.	BOLT	STAINLESS STEEL	04
10.	DRAIN PLUG	STAINLESS STEEL	01
11.	GASKET	COPPER	01
12.	FLANGE	ASTM A182 Gr. F304	02

DIMENSIONS: Nominal in inches (mm)

SIZE	A	B	C	D	E	
					#150	#300
1/2", 3/4"	5.0	4.72	2.36	5.71	7.87	8.27

WEIGHTS: (approx.)

SIZE	SCR / SW	FLANGED	
		#150	#300
1/2"	7.25 lbs	10 lbs	10.75 lbs
3/4"	7.25 lbs	11 lbs	12.75 lbs

AVAILABLE SPARES:

Valve Seat, Ball Float & Lever Assy., Gaskets.

ORDERING INFORMATION:

Refer to 'How to Order' page.

CAUTION:

DO NOT USE FOR HAZARDOUS/POISONOUS MEDIA

