

DESCRIPTION:

PD61 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 : DN15, 20, 25

CONNECTIONS: Screwed (NPT / BSPT / BSP)

LIMITING CONDITIONS:

PMA: Max. allowable pressure	16 bar
TMA: Max. allowable temperature	220 °C
PMO: Max. operating pressure	14 bar
TMO: Max. operating temperature	220 °C
Cold hydro test pressure	32 bar (g)

Max. differential pressure range:

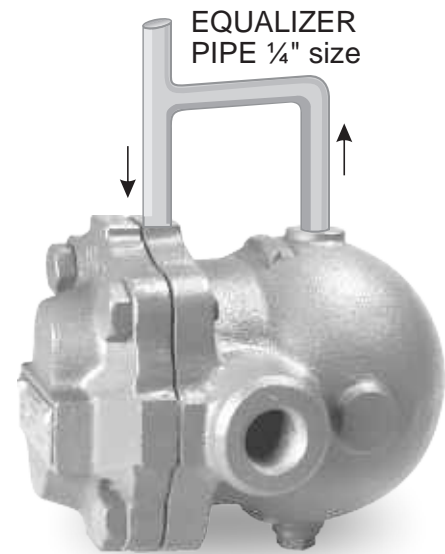
PD61 - 4.5 : 4.5 bar

PD61 - 10 : 10 bar

PD61 - 14 : 14 bar

CAUTION:

DO NOT USE FOR HAZARDOUS / POISONOUS MEDIA



INSTALLATION:

Standard horizontal installation with flow from right to left PD61.

UPON REQUEST:

- Horizontal installation with flow from left to right PD61 (L-R)
- Vertical installation with flow from top to bottom PD61 (V).

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.

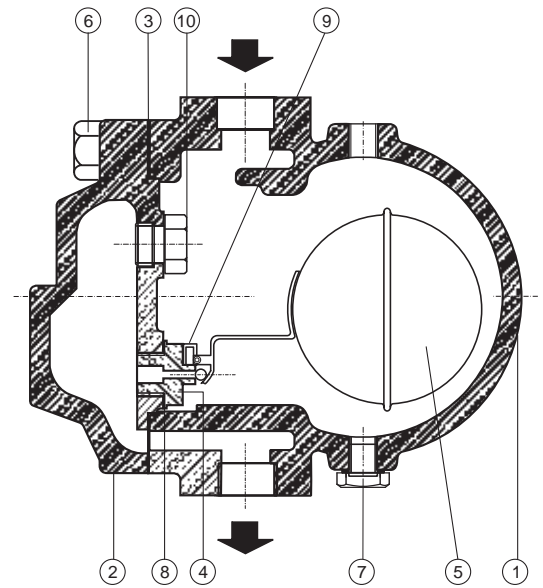
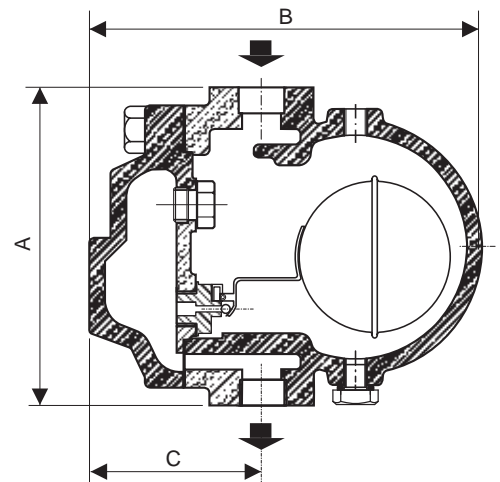
It is recommended that an equalizer line be fitted as shown in the installation manual for this product.

DISCHARGE CAPACITY IN kg/hr (Cold water)

Model	Size	DIFFERENTIAL PRESSURE (bar)																
		0.5	1.0	1.5	2.0	3.0	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0
PD61-4.5	DN15,20	259	364	416	454	520	591	645	----	----	----	----	----	----	----	----	----	----
PD61-4.5	DN25	688	899	968	1135	1299	1419	1583	----	----	----	----	----	----	----	----	----	----
PD61-10	DN15,20	175	196	230	246	300	350	366	375	391	454	504	520	545	----	----	----	----
PD61-10	DN25	280	400	475	534	650	734	770	820	874	920	979	1020	1065	----	----	----	----
PD61-14	DN15,20	165	180	196	216	250	285	300	331	350	386	425	454	490	525	449	591	625
PD61-14	DN25	155	205	230	284	359	391	409	430	470	495	520	559	584	600	616	634	659

MATERIAL:

No.	PART	MATERIAL	QTY. (Nos.)
1.	BODY	CAST IRON	01
2.	COVER	CAST IRON	01
3.	GASKET (Cover)	CAF / Non CAF	01
4.	VALVE SEAT	13% CR STEEL / AISI 410/420	01
5.	BALL FLOAT & LEVER ASSY.	AISI 304	01
6.	BOLT	HIGH TENSILE	04
7.	DRAIN PLUG	CARBON STEEL	01
8.	GASKET (Seat)	COPPER	01
9.	BRACKET ASSY.	AISI 304	01
10.	PLUG	AISI 304	01
11.	SPRING	STAINLESS STEEL*	01


PD61(V)

DIMENSIONS - Nominal in mm

SIZE	A	B	C	D	Wt.
DN15, 20	130	146	62	110	3.3 kg
DN25	145	162	59	110	4.3 kg

AVAILABLE SPARES:

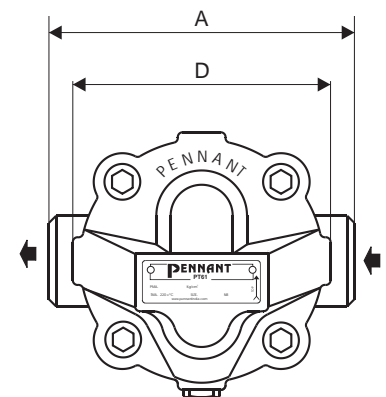
Valve Seat, Ball Float & Lever Assy., Gaskets.

HOW TO ORDER:

PD61-4.5 DN15 BSP

ORDERING INFORMATION:

- 1) Inlet Pressure in bar (g)
- 2) Back Pressure in bar (g)
- 3) Operating Temperature in °C
- 4) Moisture Load in kg/hr
- 5) Size & Model
- 6) End Connections.

PD61


Local regulations may restrict the use of this product below the conditions quoted. Limiting conditions refer to standard connections only. In the interest of development and improvement of the product, we reserve the right to change the specifications without prior notice.