

# PD65

## LIQUID DRAIN TRAPS (CAST IRON)



### DESCRIPTION:

PD65 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:** DN40, 50

**CONNECTIONS:** Screwed (NPT/BSPT/BSP)

### LIMITING CONDITIONS:

PMA: Max. allowable pressure	16 bar(g)
TMA: Max. allowable temperature	220 °C
PMO: Max. operating pressure	14 bar(g)
TMO: Max. operating temperature	220 °C
Cold hydro test pressure	24 bar(g)

### INSTALLATION:

"Horizontal Installation with flow from left to right. The trap should be installed horizontally below the drain point of the equipment in a position such that the float arm is in horizontal plane and the float rises and falls vertically, with flow direction as indicated on the cover.

The arrow on the nameplate should be pointing vertically upwards. It is recommended that an equalizer line to be fitted as shown in the installation manual for the product. Max. differential pressure range:-

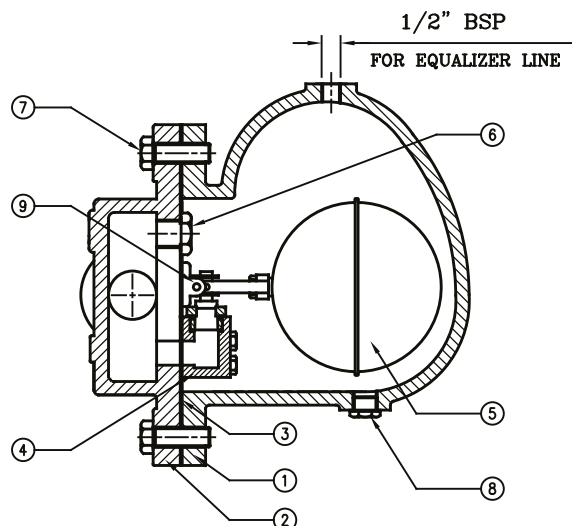
PD65 - 4.5 : 4.5 bar  
PD65 - 10 : 10 bar  
PD65 - 14 : 14 bar

### TRAP DISCHARGE CAPACITY IN Kg/Hr (COLD WATER)

MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)																
		0.5	1	1.5	2	3	4	4.5	5	6	7	8	9	10	11	12	13	14
PD65-4.5	DN40,50	3929	4254	4577	4923	5584	6234	6573	-	-	-	-	-	-	-	-	-	-
PD65-10	DN40,50	2904	3489	3701	3796	4026	4338	4442	4584	4810	5239	5725	6227	6655	-	-	-	-
PD65-14	DN40,50	2527	2948	3299	3610	3864	4026	4129	4226	4377	4706	5053	5363	5676	5962	6234	6492	6747

## MATERIAL:

NO.	PART	MATERIAL	QTY. (Nos.)
1.	BODY	CAST IRON	01
2.	COVER	CAST IRON	01
3.	COVER GASKET	Non CAF	01
4.	VALVE SEAT	AISI 420 /ASTM A743 Gr. CA40	01
5.	FLOAT ASSLY	AISI 304	01
6.	PLUG	AISI 304	01
7.	BOLT	HIGH TENSILE	06
8.	DRAIN PLUG	CARBON STEEL	01
9.	BRACKET ASSLY	AISI 304	01



**WEIGHTS:** 29 kg

## AVAILABLE SPARES:

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

## HOW TO ORDER:

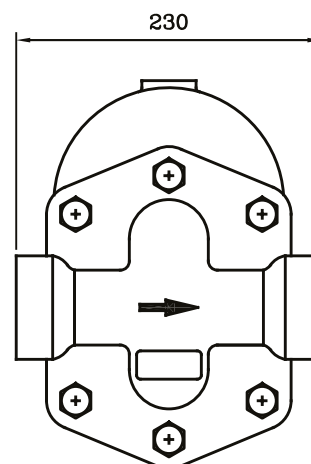
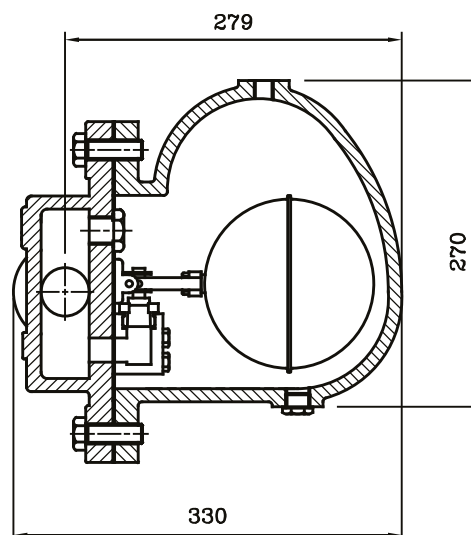
PD65-4.5 DN40 BSP

## 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

### CAUTION:

DO NOT USE FOR HAZARDOUS/POISONOUS MEDIA



DIMENSIONS— Nominal in mm.