

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: DN25

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 below the drain point of the equipment with the flow direction as indicated by the arrow on the trap. It is recommended that an equalizer line be fitted as shown in the installation manual for this product. The word 'TOP' on the nameplate indicates the top side of the trap.

Max. differential pressure range:

PD65-4.5 : 4.5 bar

PD65-10 : 10 bar

PD65-14 : 14 bar

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
PD65-4.5	DN25	1090	1226	1362	1499	1769	2039	2180	---	---	---	---	---	---	---	---	---	---
PD65-10	DN25	785	849	924	990	1129	1269	1334	1403	1540	1673	1813	1948	2083	---	---	---	---
PD65-14	DN25	554	591	625	666	735	804	840	879	949	1020	1090	1165	1234	1303	1385	1453	1529

MATERIAL:

NO.	PART	MATERIAL	QTY. (Nos.)
1.	BODY	CAST IRON	01
2.	COVER	CAST IRON	01
3.	GASKET	Non CAF	01
4.	VALVE SEAT	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	COPPER	01
9.	BRACKET ASSY.	AISI 304	01

DIMENSIONS: Nominal in mm

SIZE	A	B	C	D	E	Wt.
DN25	120	188	170	105	215	7 kg

AVAILABLE SPARES:

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

HOW TO ORDER:

PD65-4.5 DN25 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

