

Hamworthy Horton Chemical Dosing Pot



Features

- > Carbon steel pipe body and tundish with brass valves:
 - 1" Flow and return ball valves
 - 1" Fill and drain ball valves
 - 1" Non-return valve
 - 1/8" Air bleed valve
- > Simple and safe to operate without needing to drain down system
- > Easy to isolate and flush clean



Ratings

- > Max working pressure 10 bar
- > Test pressure 15 bar
- > Max working temperature 110°C

Application

- > Facilitates safe insertion of liquid chemicals (corrosion inhibitors, antifreeze, etc.) into closed heating systems
- > Available in four capacities:
 - 3.5 litres
 - 5 litres
 - 10 litres
 - 15 litres

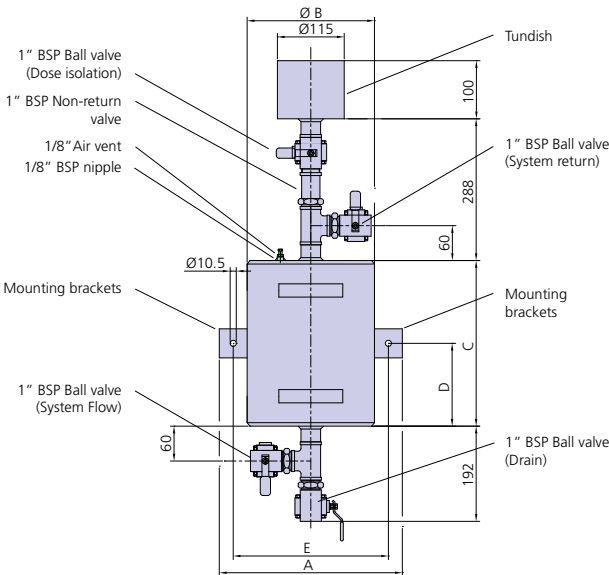
Hamworthy Horton Chemical Dosing Pot

Specifications

Vertical welded carbon steel pipe body and tundish with non-return valve to prevent backflow through tundish. Air bleed valve assists chemical filling by releasing air as dosing pot is filled, and allows dosing pot to be completely filled to its stated capacity before releasing chemical dose into the system.

- > 1" brass ball valves for fill, drain and system isolation
- > Maximum temperature +110°C
- > Maximum working pressure:
 - All models: 10 bar, tested to 16 bar
- > Black painted finish
- > Supplied fully assembled and tested

Dimensions



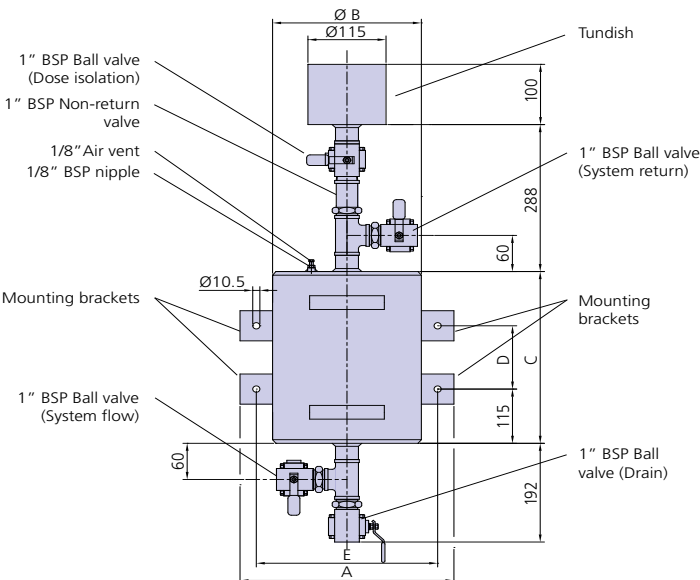
Model HN-3.5

Horton Chemical Dosing Pot Selection Chart

Horton Product Code	Installed Boiler Output (kW)	Maximum System Volume (litres)
HN-3.5	0 - 250	0 - 2499
HN-5	250 - 500	2500 - 4999
HN-10	500 - 1000	5000 - 9999
HN-15	1000 and above	10000 and above

Installation

Install between flow and return lines near a main pipe run or system header to allow rapid chemical feed.



Models HN-5, HN-10 and HN-15

Horton Product Code	Capacity (litres)	Pipe Connection (Inches)	Dimensions (mm)					Dry Weight (kg)	Maximum Pressure (bar)	
			A	ØB	C	D	E		Working	Test
HN-3.5	3.5	1" BSP	315	165	183	115	268	13	10	15
HN-5	5	1" BSP	315	165	258	78	268	16	10	15
HN-10	10	1" BSP	315	219	293	106	268	22	10	15
HN-15	15	1" BSP	315	219	443	255	268	26	10	15



SUPPORT BRITISH MANUFACTURING

Hamworthy Heating Limited

Wessex House,
New Fields Business Park,
Stinsford Road,
Poole, Dorset BH17 0NF

Tel: **01202 662500**

Email: **sales@hamworthy-heating.com**
hamworthy-heating.com

Hamworthy Heating Accreditations

ISO 9001 Quality Management System
ISO 14001 Environmental Management System
ISO 45001 Health & Safety Management System

Every effort has been taken to ensure the details in this guide are accurate. Hamworthy Heating does not, however, guarantee the accuracy or completeness of any information nor does it accept liability for any errors or omissions in the information.

Hamworthy Heating reserves the right to make changes and improvements which may necessitate alteration to product specification without prior notice.