



# 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



Heating *at work.*

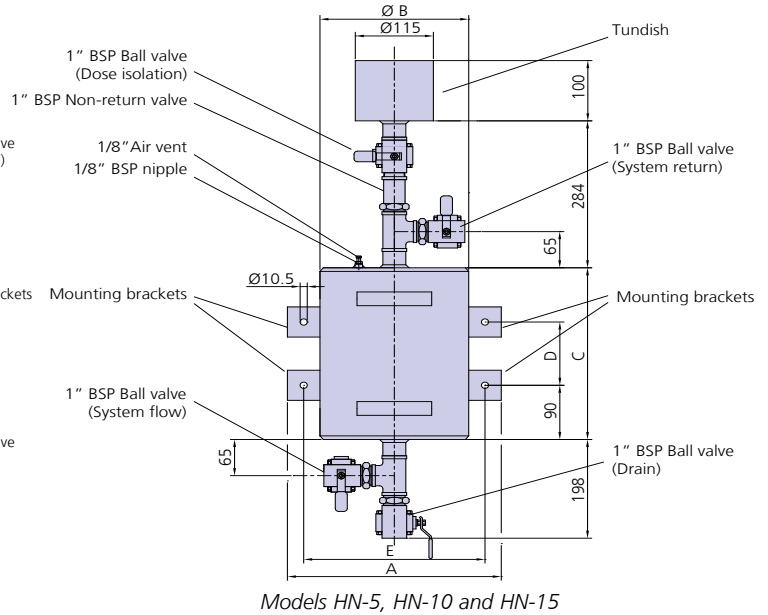
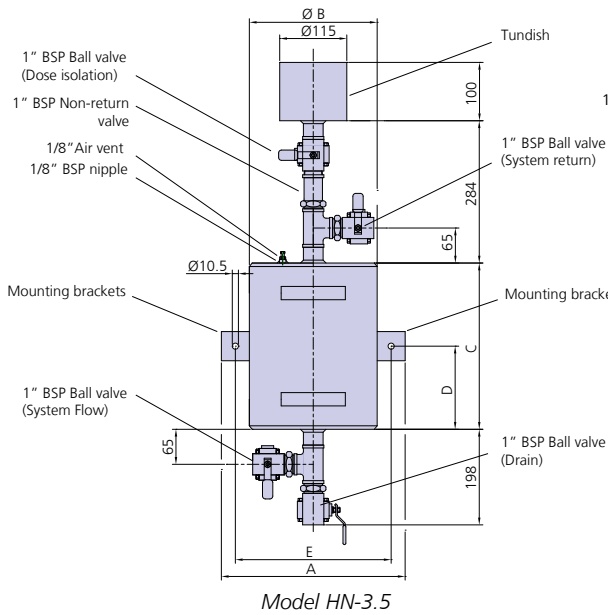
# Hamworthy Horton Chemical Dosing Pot

## 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:
  - Models HN-3.5/HN-5: 14 bar, tested to 21 bar
  - Models HN-10/HN-15: 10 bar, tested to 16 bar
- Black painted finish
- Supplied fully assembled and tested

## Dimensions



## 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.

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	265	166	186	90	217	13	14	21
HN-5	5	1" BSP	265	168	258	78	216	14	14	21
HN-10	10	1" BSP	315	219	293	103	268	20	10	15
HN-15	15	1" BSP	315	219	445	255	268	25	10	15



## Customer Service Centre

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

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