

GMS 

Thermal Products Ltd

www.gmsthermal.co.uk



**GMS BOILER EQUIPMENT
CHEMICAL DOSING POTS**

GMS BOILER EQUIPMENT

Correct water treatment is essential for the corrosion protection of heating systems. GMS Thermal Products chemical dosing pots offer a safe and convenient way to introduce water treatment chemicals to the system.

Two standard sizes:-

CDP6 (6 litres)

CDP16 (16 litres)

Other sizes are available on request.

Standard Specification: Each dosing pot is supplied as standard complete with:-

- √ System isolation valves
- √ Dosing valve
- √ Drain valve
- √ Air vent
- √ Funnel
- √ Blue gloss paint finish

General

Guidelines for installation and use are given below. However, the equipment and water treatment in use in any individual system may dictate variations so please consult your water treatment supplier to ensure best results.

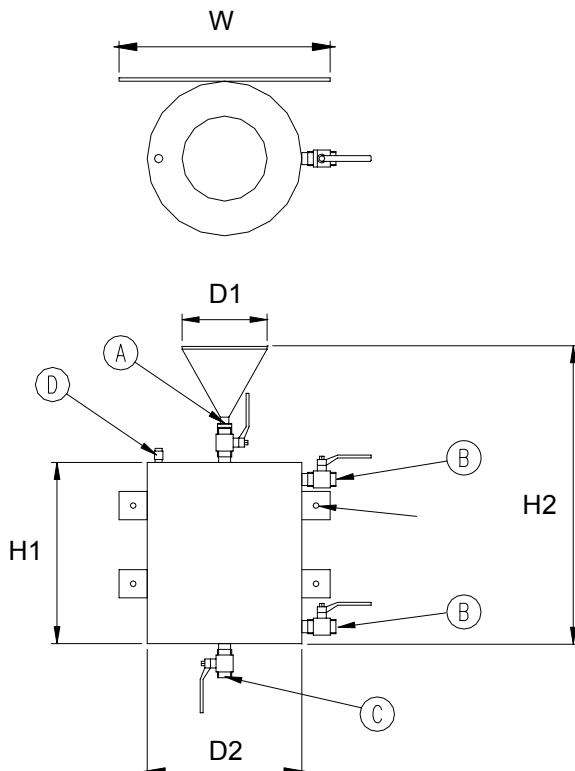
Installation

Choose a location near a main pipe run or system header. Fasten the chemical dosing pot securely in place using the brackets provided. Pipe the drain away to a safe disposal point. Connect the system connections to the pipe or system header. To ensure that there will be a flow through the chemical dosing pot leave sufficient gap between the connection points to give a difference in dynamic pressure between them (1 metre apart should be enough). This will admit the water treatment gradually to the system water. Alternatively, connect between flow and return headers, which will admit the water treatment more quickly.

Use

Caution: The dosing pot contents may be hot. Take care - avoid scalding. On higher temperature systems the contents may be above atmospheric boiling point. Opening valves may cause a release of flash steam.

- 1 Isolate the chemical dosing pot from the system by closing the two 1/2" system ball valves.
- 2 Slowly open the drain valve - **caution** - some water and flash steam may be emitted to the disposal point.
- 3 Open the dosing valve, and the vent screw. The contents will now drain out.
- 4 Close the drain valve.
- 5 Fill the chemical dosing pot to the vent with the required amount of chemicals, diluted as necessary.
- 6 Close the dosing valve and the vent screw.
- 7 Open the system valves to allow system water through the unit.



Ref	Unit Type	
	CDP6	CDP16
A	1/2" BSP	1/2" BSP
B	1/2" BSP	1/2" BSP
C	1/2" BSP	1/2" BSP
D	1/2" BSP	1/2" BSP
D1	150	150
D2	166	273
H1	320	320
H2	527	527
W	267	373
kg	12	23

All dimensions in mm unless stated otherwise

Specification

Max. Working Pressure: 10 BarG
 Test Pressure: 15 BarG
 Max. Working Temperature: 150°C

Material Options

Shell

Carbon Steel (Gloss Finish)
 Stainless Steel

Valves

DZR Brass
 Stainless Steel

Tundish

Copper
 Stainless Steel