

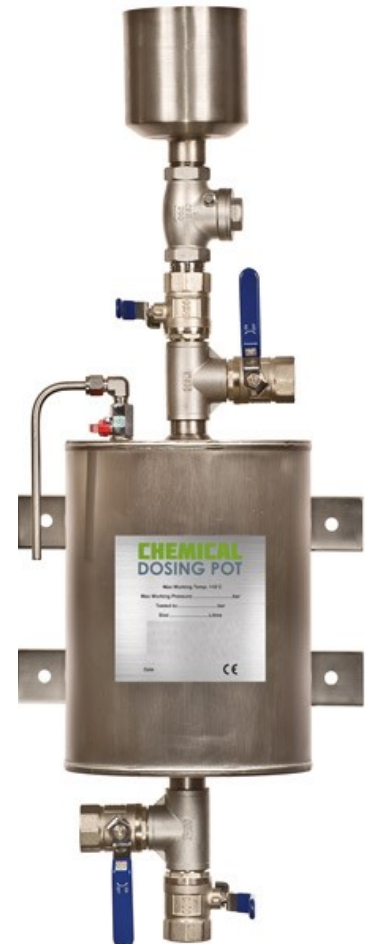
Dosing Pots

Dosing pots are required in order to feed liquid chemicals such as corrosion inhibitors into closed systems.

The dosing pots consist of a stainless steel vessel with inlet (return) and outlet (flow) valves, a drain valve and a filling valve.

A stainless steel tundish, air release valve, wall mounting brackets and a non-return valve.

Size in Litres	Product Code					Max working pressure	Tested to
		A	B	C	D		
3.5	DP 3.5	265	275	730	165	14 bar	21 bar
5	DP 5	265	355	810	165	14 bar	21 bar
6	DP 6	265	395	860	165	14 bar	21 bar
10	DP 10	320	395	865	220	10 bar	21 bar
11	DP 11	320	395	865	220	10 bar	21 bar
13.5	DP 13.5	320	490	920	220	10 bar	21 bar
15	DP 15	320	570	1022	220	10 bar	21 bar
16	DP 16	320	570	1022	220	10 bar	21 bar
18	DP 18	320	685	1142	220	10 bar	21 bar
20	DP 20	320	685	1142	220	10 bar	21 bar
25	DP 25	377	585	1040	275	8 bar	21 bar



Operation

- Isolate pot: close all valves
- Drain pot: open valves A and D
- Charge pot: close valve D and introduce solution via valve A (tundish)
- Expel air: open air vent until solution appears
- Inject treatment: close valve A fully and open valves B and C.
- The dosing pot may reach temperatures up to 120 degrees centigrade.
- Warnings should be applied to ensure that personnel do not come into contact with the pot as to avoid burns.
- A check valve is installed to prevent accidental scolding and chemical saturation (blow back) of personnel operating the dosing pot.

Installation

It is important that the dosing pots are fitted correctly in to the system to allow rapid chemical feed. This is best achieved by connecting across the main flow and return pipe work. Ideally the flow connection should be made on to the bottom of the dosing pot (valve C), and the return the top (valve B). The dosing pot is designed for the conditions stated on the name plate, the system into which the dosing pot is installed should have adequate protection to ensure the dosing pot is operated within these limits at all times.



Maintenance

After long-term use the valves may require replacement. No corrosion is allowed for due to the stainless steel construction.

CDM (ACOP L54) Q.P NO. 41/1-02

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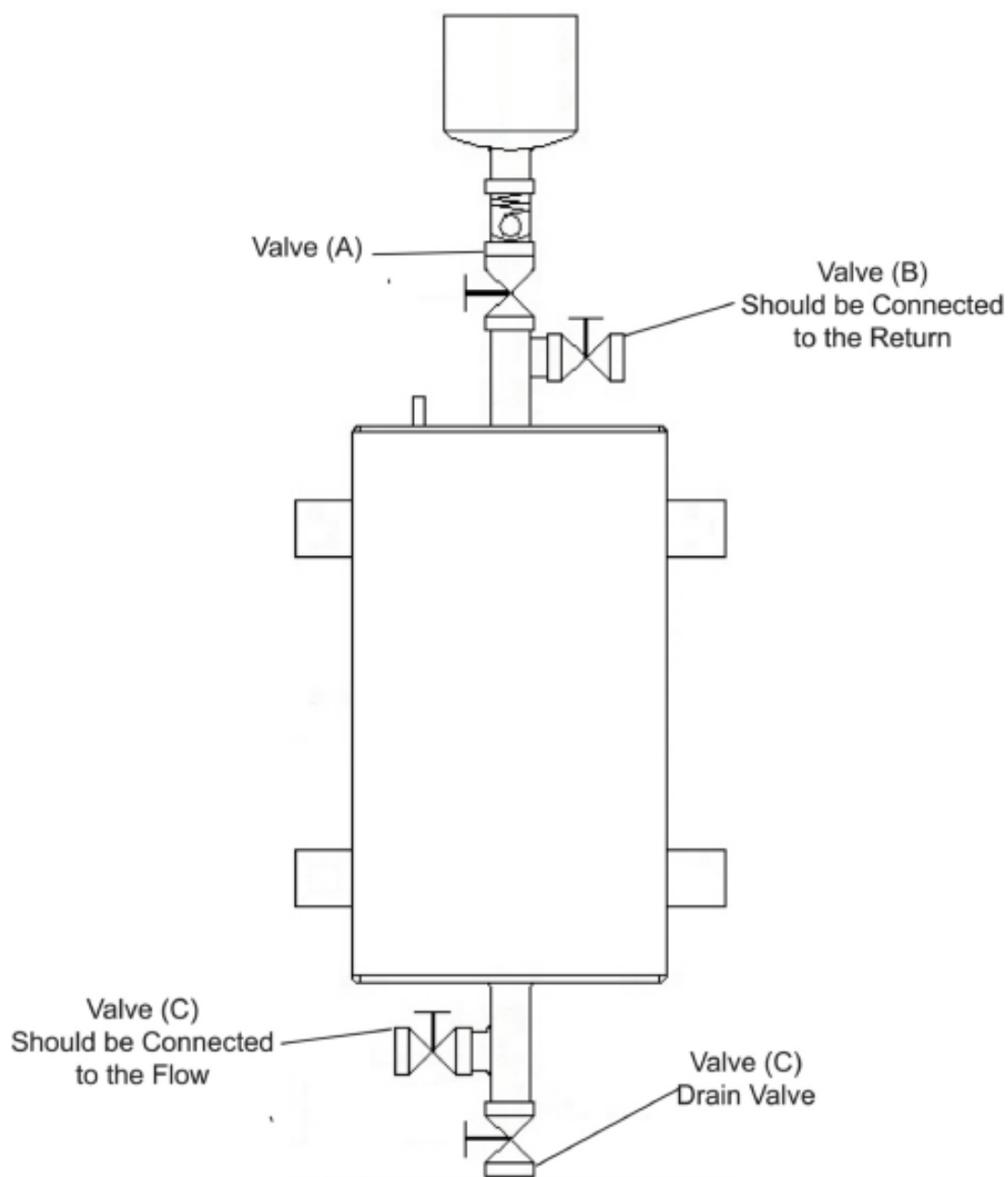
Specification

- Stainless Steel Shell
- Valve size 25mm BSP female for all dosing pots
- Welded to BS EN 287
- Dosing pots that are not designed to the above are available which have maximum working pressure of 14 bar throughout the range (3.5 litre to 2.5 litre) .
- Matt Stainless Steel finish

All dosing pots that are designed to PD 5 500: 2009 category 3 (CE marked) have the following Maximum Working pressures:

- 14 bar-3.5 litres to 6 litres inclusive
- 10 bar- 10 litre to 20 litres inclusive
- 8 bar- 2.5 litres

Connecting the Dosing Pot to the System



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The Water Treatment Products Company