

CRITICAL DIMENSIONS

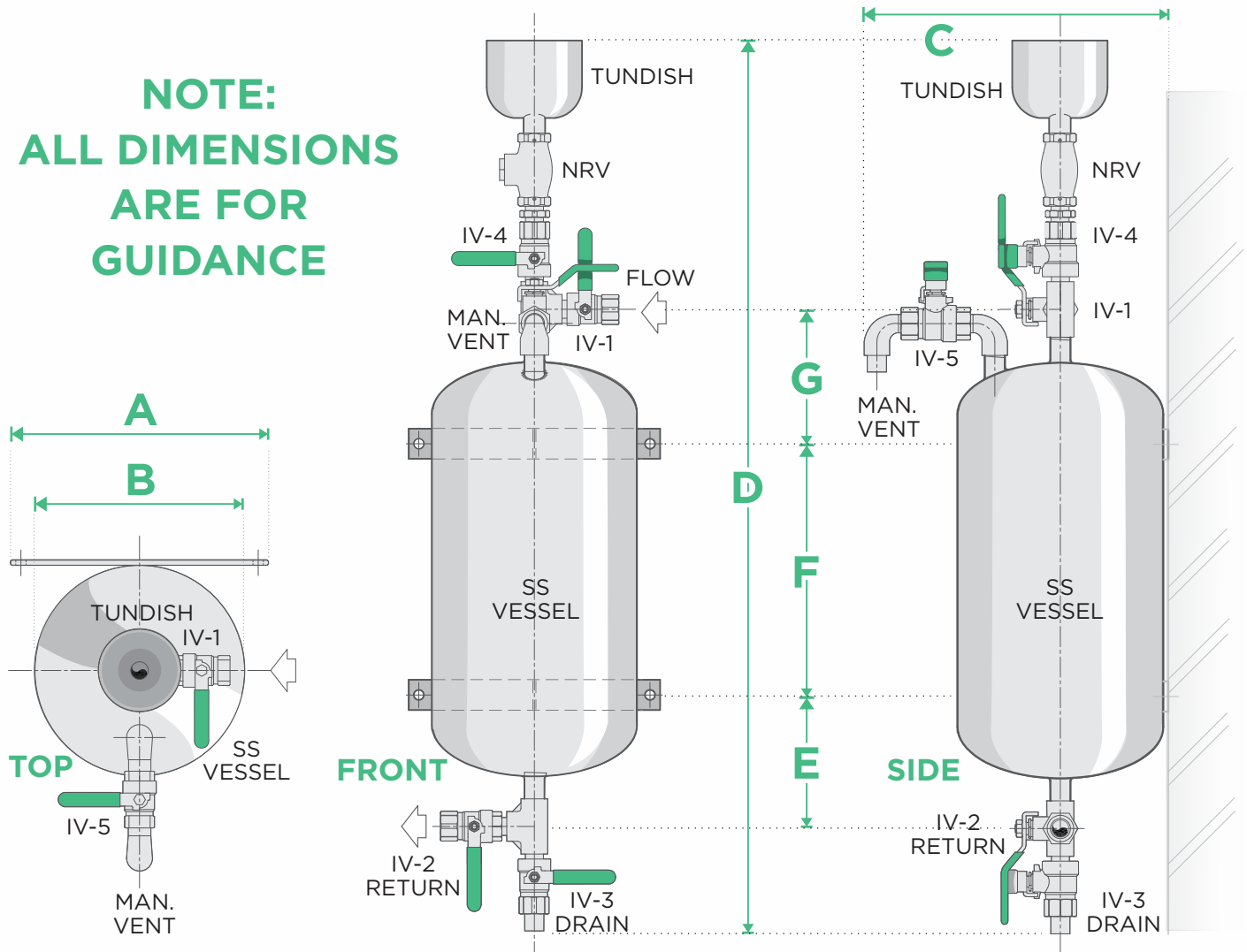
BEFORE INSTALLATION, USE THE SIZE AND WEIGHT CHART BELOW TO ENSURE:



1. ...THERE IS AMPLE SPACE AVAILABLE ABOVE THE TUNDISH TO DOSE ADDITIVES.
2. ...THERE IS AMPLE SPACE BELOW THE DRAIN FOR A COLLECTION VESSEL.
3. THE WALL PLUGS / BOLTS USED CAN CARRY THE WEIGHT OF A FILLED VESSEL.



NOTE:
ALL DIMENSIONS
ARE FOR
GUIDANCE

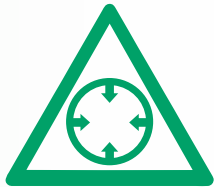


Find your model by volume	PRODUCT CODE	DIMENSIONS (mm)							CONNECTION SIZE (BSP)	WEIGHT WHEN FULL	MAXIMUM WORKING PRESSURE
		REFER TO CORRESPONDING LETTER IN DRAWING ABOVE									
		A	B	C	D	E	F	G			
3.5 Litre	VDP-3.5	210	159	255	694	135	80	135	½"	8.5kg	10 Bar
6 Litre	VDP-6	250	204	292	717	135	100	135	½"	13kg	10 Bar
11 Litre	VDP-11	250	204	292	877	141	250	141	½"	20kg	10 Bar
15 Litre	VDP-15	300	254	337	842	154	190	154	½"	24.5kg	10 Bar
20 Litre	VDP-20	300	254	337	942	154	290	154	½"	31kg	7 Bar
25 Litre	VDP-25	300	254	337	1092	154	440	154	½"	39kg	7 Bar

SYSTEM
FUNCTION

WE ADVISE TREATMENT WITH THE
FOLLOWING QUALITY TESTED ADDITIVES:

PROTECTION & PREVENTION



ALL-ROUND
PROTECTION

X-PO10®
INHIBITOR

Superior all-round system
protection up to 90°C



PRODUCT CODES

X-PO10 0.25L 20 Pack
VX-PO10(20)0.25LTR

X-PO10 5L VX-XPO10-5LTR

X-PO10 10L VX-XPO10-10LTR

X-PO10 20L VX-XPO10-20LTR

X-PO10 1000L VX-XPO10IBC



NEW SYSTEM
PASSIVATION

X-PO45®
NEW SYSTEM

Cleans and
passivates
new system
installations

10L
DOSES
2,800L

Product code:
10L Drum - VX-XPO45-10LTR

SYSTEM PROBLEMS



ANTI-MICROBAL

X-PO80®
BIOCIDE

Kills all common
system bacteria
NOT FOR DOMESTIC WATER
APPLICATIONS

5L
DOSES
50,000L

Product code:
5L Drum - VX-XPO80-5LTR



DE-SCALER

X-PO20®
DE-SCALER

Removes
& dissolves
lime-scale deposits

10L
DOSES
2,800L

Product code:
10L Drum - VX-XPO20-10LTR



DESLUDGER

X-PO40®
DE-SLUDGER

Heavy duty
de-sludging
agent for aged
systems

10L
DOSES
2,800L

Product code:
10L Drum - VX-XPO40-10LTR

ANTI-FREEZE



LOW-HAZARD
FREEZE PROTECTION

X-PO50®
ANTI-FREEZE RM

Non-hazardous glycol
anti-freeze & protector
ready-mixed to -12°C

Product code: 20L Drum - VX-XPO50-20LTR

GLYCOL READY-MIXES

X-PO55®
ANTI-FREEZE C

Non-hazardous
glycol anti-freeze
and protector
concentrate

Product code: 20L Drum - VX-XPO55-20LTR

GLYCOL CONCENTRATES

PLEASE NOTE: VEXO™ 'NO-FLUSH' ADDITIVES EXCLUDED FROM THIS LIST.
INSTALLATION OF A VEXO™ X-POT IS NECESSARY TO BENEFIT FROM THESE.

INSTALLATION OPTIONS

WARNING! UNIT UNDER PRESSURE (ALL SYSTEMS) AND RISK OF POTENTIAL SCALDING (HEATING SYSTEMS ONLY)

To ensure a fast, but safe dispersal of the chemical dose, it is important the unit is installed correctly, with 1/2" pipework, and proper thread compound and sealant to withstand the system pressure.

Install the unit at the point with the highest possible differential pressure, below are a couple of examples. Ensure the unit is securely fixed to a wall using the integral wall mounting brackets and holes.

Make sure the drainage point is either piped to waste or that there is suitable space beneath the unit for collection of discharged fluid. Check the VEXO[™] D-POT[®] weights, volumes and measurements supplied with this VEXO[™] D-POT[®]

ACROSS THE PUMP INSTALLATION (OPTION A)

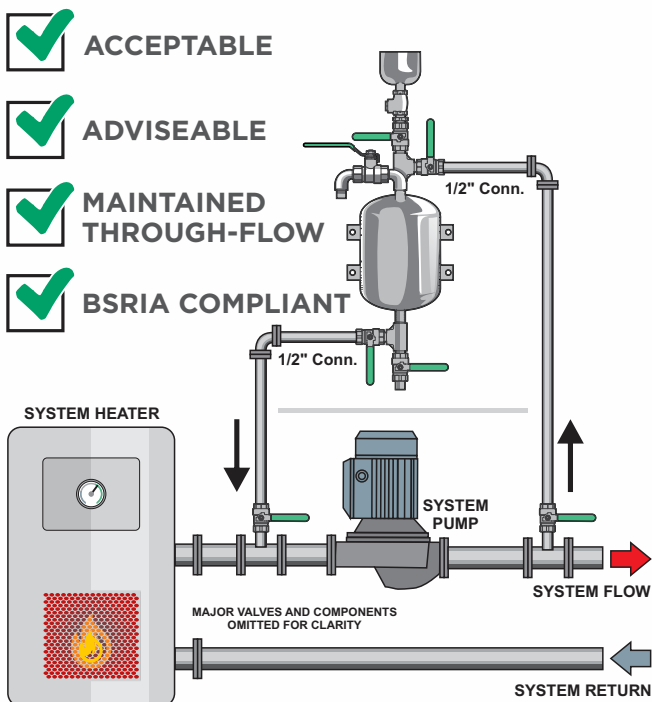
BSRIA BG50/2013 states: "It is important that the dosing pot should remain open to the system with continuous through-flow so that it does not become a dead leg and encourage the growth of bacteria."

It is strongly recommended the VEXO[™] D-POT[®] is connected across the main pump differential pressure of the system to be dosed, which allows it to stay open with a continuous through-flow at all times, however small.

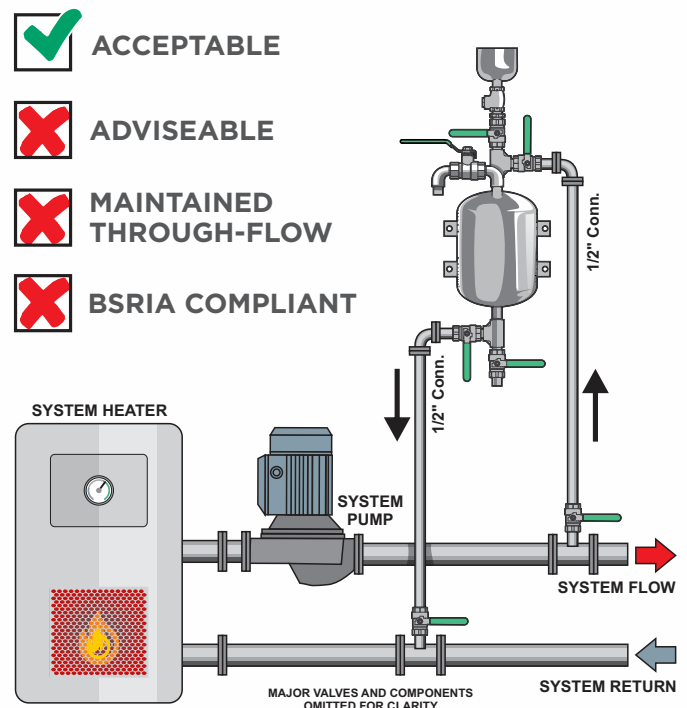
ALTERNATIVE INSTALLATION (OPTION B)

If across-the-pump installation is not possible, the VEXO[™] D-POT[®] may be installed anywhere in the system where a large enough flow and return pressure differential exists to ensure dosing additives are flushed and distributed quickly and sufficiently throughout the system. However, it is both the manufacturer's recommendation and in line with BSRIA BG50/2013 to do an across-the-pump installation wherever possible to avoid creating a dead leg.

CONNECTION OPTION A



ALTERNATIVE OPTION B



WARNING! WEAR APPROPRIATE PPE WHEN INSTALLING THE VEXO[™] D-POT[®]



INSTALLATION OPTIONS

WARNING! UNIT UNDER PRESSURE (ALL SYSTEMS) AND RISK OF POTENTIAL SCALDING (HEATING SYSTEMS ONLY)

PARTS TO ASSEMBLE

- A ½" Tundish Assembly
- B ½" Air Vent Assembly
- C Stainless Steel Vessel
- D Return/Drain Assembly
- E Wall Brackets

VALVES & CONNECTIONS

- 1 ½" System Return
- 2 ½" System Flow
- 3 ½" Drain
- 4 ½" Tundish IV
- 5 ½" Air Vent IV
- 6 ½" NRV

ASSEMBLY THIS VEXO™ D-POT® CAN BE INSTALLED IN A LEFT OR RIGHT HANDED CONFIGURATION

1. Unpack the D-POT® Vessel and components and fit together all of the valves and fittings with a suitable sealing compound.
2. Assemble the parts in the following order (see the illustration to the right).
 - 2.1. Upon applying thread compound and sealant - screw in the Air Vent Assembly (B) onto the off-centre outlet provided on the top front of Vessel (C). Make sure the Air Vent (B) extends to the front of the Vessel upon tightening.
 - 2.2. Upon applying thread compound and sealer - screw the Tundish Assembly (A) onto the inlet at the top-centre of the Vessel (C), ensuring the valve handles face to the front of the vessel.
 - 2.3. Upon applying thread compound and sealer - screw the Drain Assembly (D) into the inlet at the bottom of Vessel (C), ensuring valve handles face to the front of the vessel.
 - 2.4. Bolt the assembled VEXO™ D-POT® to the wall with suitable fixings, using the holes in the Wall Mounts (E), ensure there is ample space to fit and manipulate the chemical containers above the Tundish (A) and below the Drain Valve (3).



CONNECTIONS

3. Connect the VEXO™ D-POT® to the system using ½" pipe connections. Connect Valve (1) to system return (water out) and valve (2) to system flow (water in). See separate sheet for connecting to typical systems.
4. Ensure that all connections are watertight and the D-POT® assembly is pressure tested before initiating flow from the system.
5. The drain Valve (3) may be piped directly over a foul drain if preferred. Before doing this, please take note to see if your local disposal restrictions apply when draining the VEXO™ D-POT®.

NOTE: Dosing pot should remain open to the system to avoid dead legs, as per BSRIA BG50-2013

WARNING! WEAR APPROPRIATE PPE WHEN OPERATING THE VEXO™ D-POT®



INSTALLATION BY QUALIFIED/EXPERIENCED TECHNICIANS ONLY



AFTER COMPLETING INSTALLATION, FIX THESE INSTRUCTIONS ADJACENT TO THE VEXO™ D-POT® TO BE CLEARLY VISIBLE.



VEXO® D-POT®

STAINLESS STEEL
DOSING POTS

INSTALLATION OPTIONS

WARNING! UNIT UNDER PRESSURE (ALL SYSTEMS) AND RISK OF POTENTIAL SCALDING (HEATING SYSTEMS ONLY)

PARTS

- A** ½" Tundish Assembly
- B** ½" Air Vent Assembly
- C** Stainless Steel Vessel
- D** Flow/Drain Assembly

VALVES

- 1** ½" Return Connection
- 2** ½" Flow Connection
- 3** ½" Drain
- 4** ½" Tundish IV
- 5** ½" Air Vent IV
- 6** ½" NRV

WARNING!

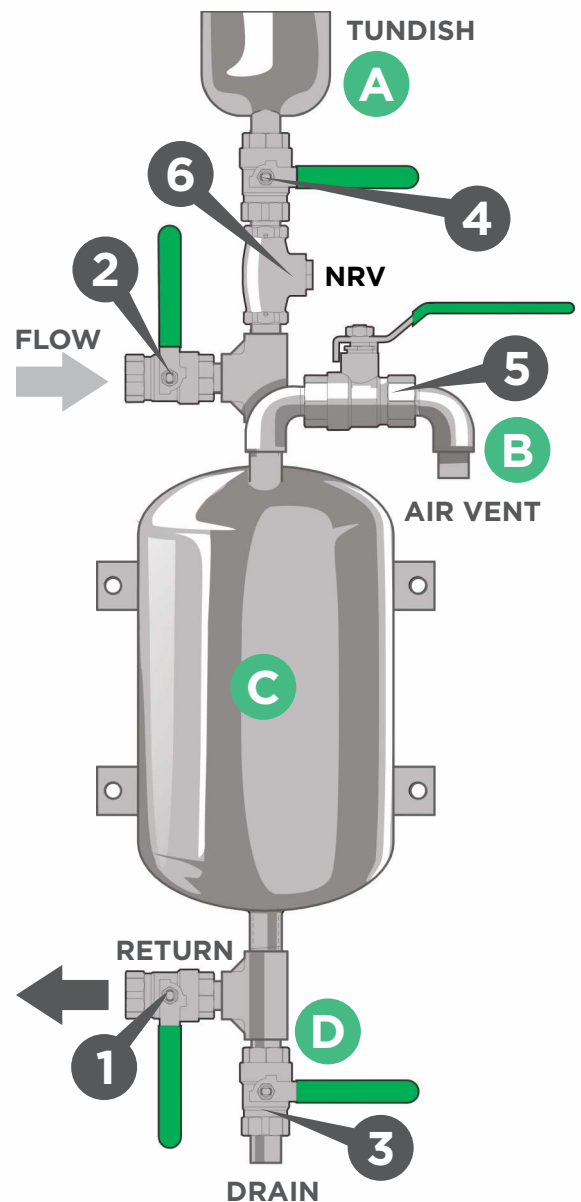
WEAR APPROPRIATE PPE WHEN OPERATING THE VEXO™ D-POT®



NOTE: DOSING CAN ONLY TAKE PLACE WHEN THE SYSTEM PUMPS ARE RUNNING

HOW TO DOSE THE SYSTEM

- 1) Close Valves (1) & (2). This will isolate the D-POT® from the system.
- 2) Open and unplug Valve (5), then Valve (3). The vessel will drain.
- 3) Close Valve (3), then open Valve (4).
- 4) Place a bucket under the vent (5), then pour the additives into the Tundish (A). As the additives are entering the Tundish, air will release through Air Valve (5).
- **CAUTION:** ALWAYS USE A MANAGEABLE AMOUNT OF ADDITIVES WHEN DOSING THE VEXO™ D-POT® TUNDISH
- **NOTE:** DO NOT ADD MORE THAN THE VESSEL LITRE SIZE.
- 5) When the additives have been dosed, close Valve (4).
- 6) Open Valve (2) slightly to let the water into the vessel, make sure all the air is vented through the Air Vent (B), then close and plug Valve (5) and open Valves (2) and (1) completely.
- 7) The system water will now flow through and dose the additives into the system as a whole.



D-POT®

TREATMENT ADDITIVE

X-POIO®
INHIBITOR

Superior all-round system
protection up to 90°C

VEXO®

D-POT®

STAINLESS STEEL
DOSING POTS

5 YEAR WARRANTY

The warranty certificate for this VEXO™ D-POT® is valid for a period of 5 years (60 months) from the date of installation or commissioning of the unit.

marked, where applicable, with a unique serial number, allowing traceability.

Model Type:

Serial Number:

This warranty covers the repair or replacement of the unit at our discretion.

Warranty - What is not covered?

DOS - Date Of Supply

- If a problem has arisen as a direct result of the connected system, misuse, incorrect handling, incorrect installation or incorrect commissioning.

DOC - Date Of Commissioning

- If a manufacturing defect is identified, additional remedial works as a result of misuse, incorrect handling, incorrect installation or incorrect commissioning then the additional work is chargeable.

Warranty - What is covered?

The VEXO International (UK) Ltd warranty for this VEXO™ D-POT® covers manufacturing defects, under our standard terms and conditions of sale.

- Installation costs and consequential losses are not covered by this agreement.

If the unit is identified with a manufacturing defect then no charge is made for correcting the defect. The VEXO equipment is manufactured to order and is clearly

NOTE: Please copy and complete the relevant sections above and hand over to the parties responsible for the operating and maintenance of the equipment and also to keep in the O&M records.

VEXO®

D-POT®

STAINLESS STEEL
DOSING POTS

DECLARATION OF CONFORMITY

Manufacturer

VEXO International (UK) Ltd.

6 The Granary Building
Millow Hall Farm,
Millow (Nr Dunton)
Biggleswade, Bedfordshire
SG18 8RH

VEXO®

For and on behalf of
Vexo International (UK) Limited

Darren Wilkinson, Managing Director

6 The Granary Building
Millow Hall Farm, Millow (Nr Dunton)
Biggleswade, Bedfordshire
SG18 8RH

+44 (0) 1767 500 150

Registered in England & Wales No: 7205096

Range Name:

VEXO™ D-POT® Stainless Steel Dosing Pot

Sizes

3.5L, 6L, 11L, 15L, 20L & 25L

Operating Conditions

Maximum Working Temperature - 120°C

Maximum Working Pressure

3.5L, 6L, 11L & 15L - 10Bar

20L & 25L - 7Bar

Pressure Equipment Directive

All VEXO™ D-POTs are manufactured in accordance with PED 2014/68/EU