DosaFil-Duo® HF+

Data Sheets

DosaFil-Duo

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DosaFil-Duo® HF+
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DosaFil-Duo®
Introduction

Frustrated with traditional water treatment? So were we. That's why we created DosaFil-Duo®, a unique and patented range of innovative devices that enable complete online cleaning, protection and maintenance of closed loop heating and cooling systems.

Safer, easier and more environmentally-friendly than traditional water treatment methods, DosaFil-Duo® prevents scale, corrosion and fouling in closed recirculating systems by combining high performance side stream filtration with constant air removal and safe chemical dosing of both liquid and solid chemicals. The magnet-free design features smart monitoring to notify users of required filter bag changes for seriously easy maintenance, whilst BMS is built in as standard.

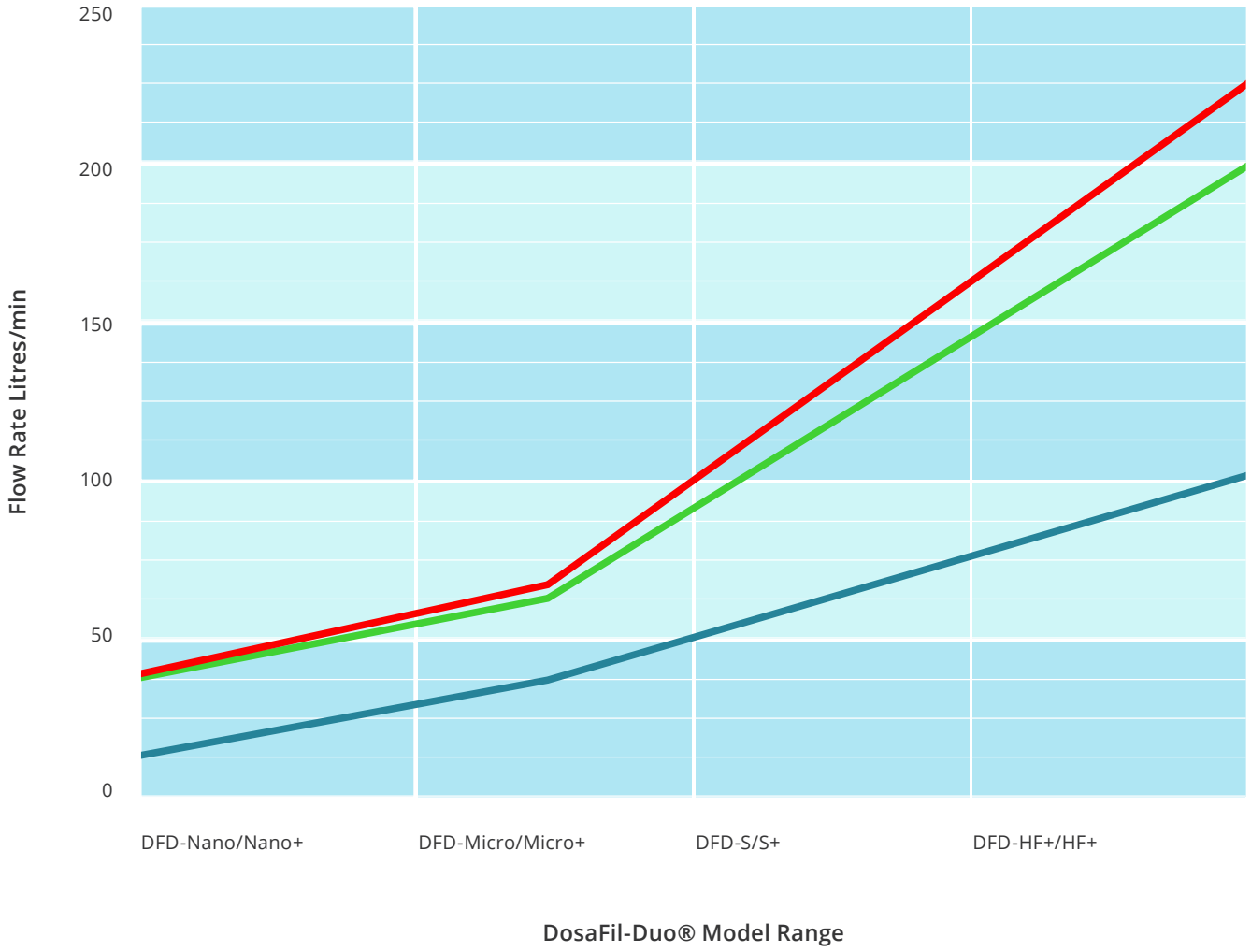
DosaFil-Duo® standard operating pressure and temperature ranges are unmatched in the market today, meaning more systems than ever can be efficiently operated and maintained in line with the guidelines detailed BSRIA BG29 & BG50.

DosaFil-Duo® HF+
General Data

Feature	DosaFil-Duo HF	DosaFil-Duo HF+
Test Pressure	23 Bar	23 Bar
Maximum Operating Pressure	16 Bar	16 Bar
Vessel PED Certification (PD 5500:2021 Category 3)	CE	CE
Inlet/Outlet Connection Size	1.5" BSPTF	1.5" BSPTF
Designed, Fabricated & Assembled in the UK	YES	YES
Vessel Materials of Construction	304 Stainless Steel	304 Stainless Steel
Vessel Mounting	Floor	Floor
Filtration Range	50,25,10,5,1,0.5µm	50,25,10,5,1,0.5µm
Minimum Fluid Operating Temperature (all components)	5˚C	5˚C
Minimum Fluid Operating Temperature (all components)	130˚C	130˚C
Maximum Flow Rate**	212.5 l/min	212.5 l/min
Maximum System Volume*	306,000lt	306,000lt
Solid Chemical Dosing Capability	YES	YES
Liquid Chemical Dosing Capacity	19lt	19lt
System Standard Warranty	5 Years	5 Years
Automatic Air Vent Fitted as Standard	YES	YES
Automatic Air Vent Standard Warranty	20 Years	20 Years
Pressure Gauge Fitted as Standard	YES 20bar	YES 20bar
Vessel Drain/Clean Water Sample Point Fitted as Standard	YES	YES
Integrated Coalescing Assembly Using Proven Technology	YES	YES
Custom Insulated Jacket Supplied	YES	YES
DP Sensors with Local Audible & Visual Alarms Fitted as Standard	UPGRADEABLE	YES
DP Controller Power Supply Requirements	N/A	240v 13amp
DP Control Voltage	N/A	24v
DP Controller Enclosure IP Rating	N/A	IP65
BMS Outputs on DP Alarms Fitted as Standard	UPGRADEABLE	2 x VFC
Weight Empty	36kg	37kg
Operating Weight	55kg	56kg

* based on BSRIA guidance of 1 x system volume in 24hrs
** based on clean 50 micron filter bags installed

DosaFil-Duo® HF+
General Data

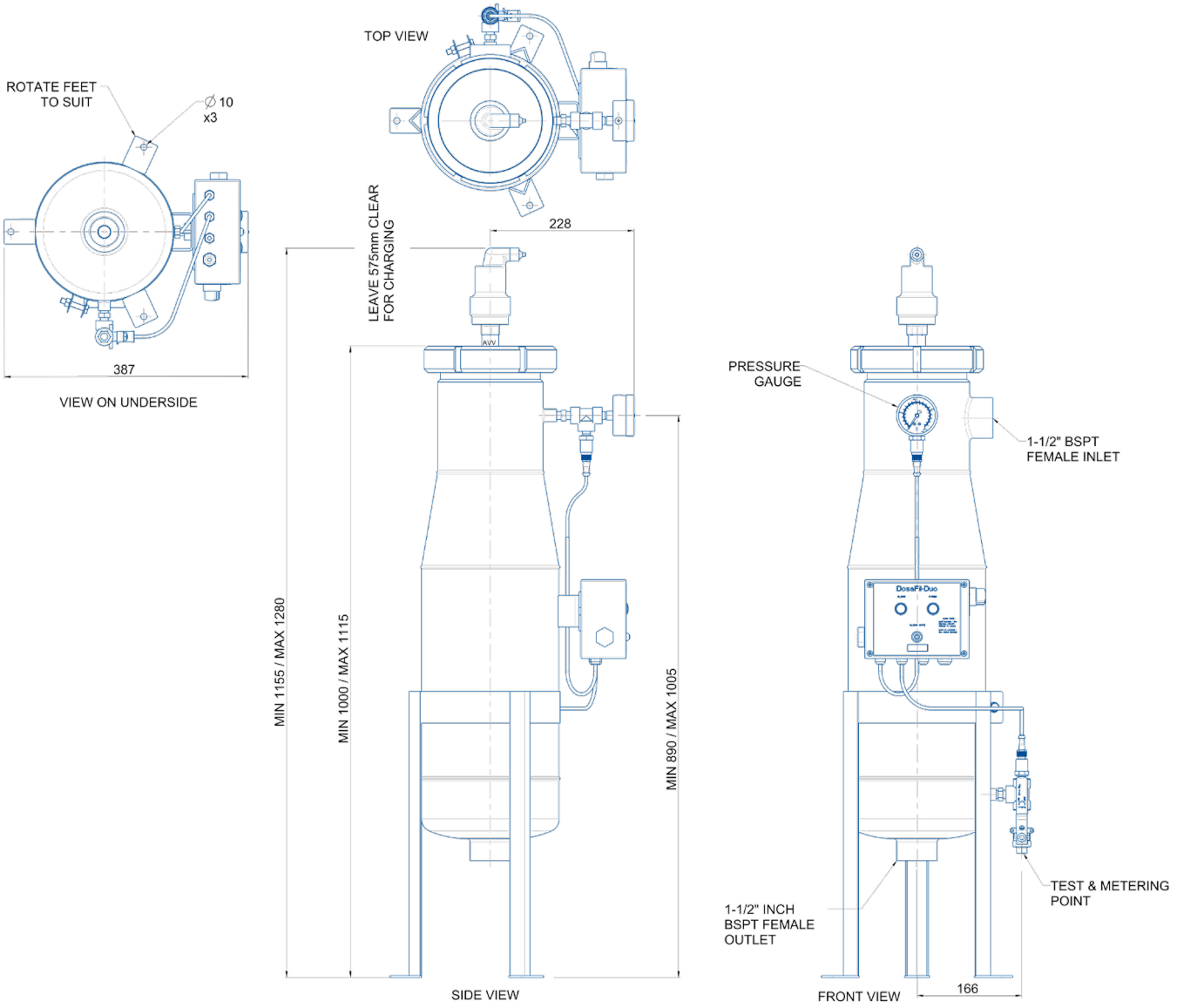


DosaFil-Duo® Model Range

- **0.5 - 1µm**
- **5 - 10µm**
- **25 - 50µm**

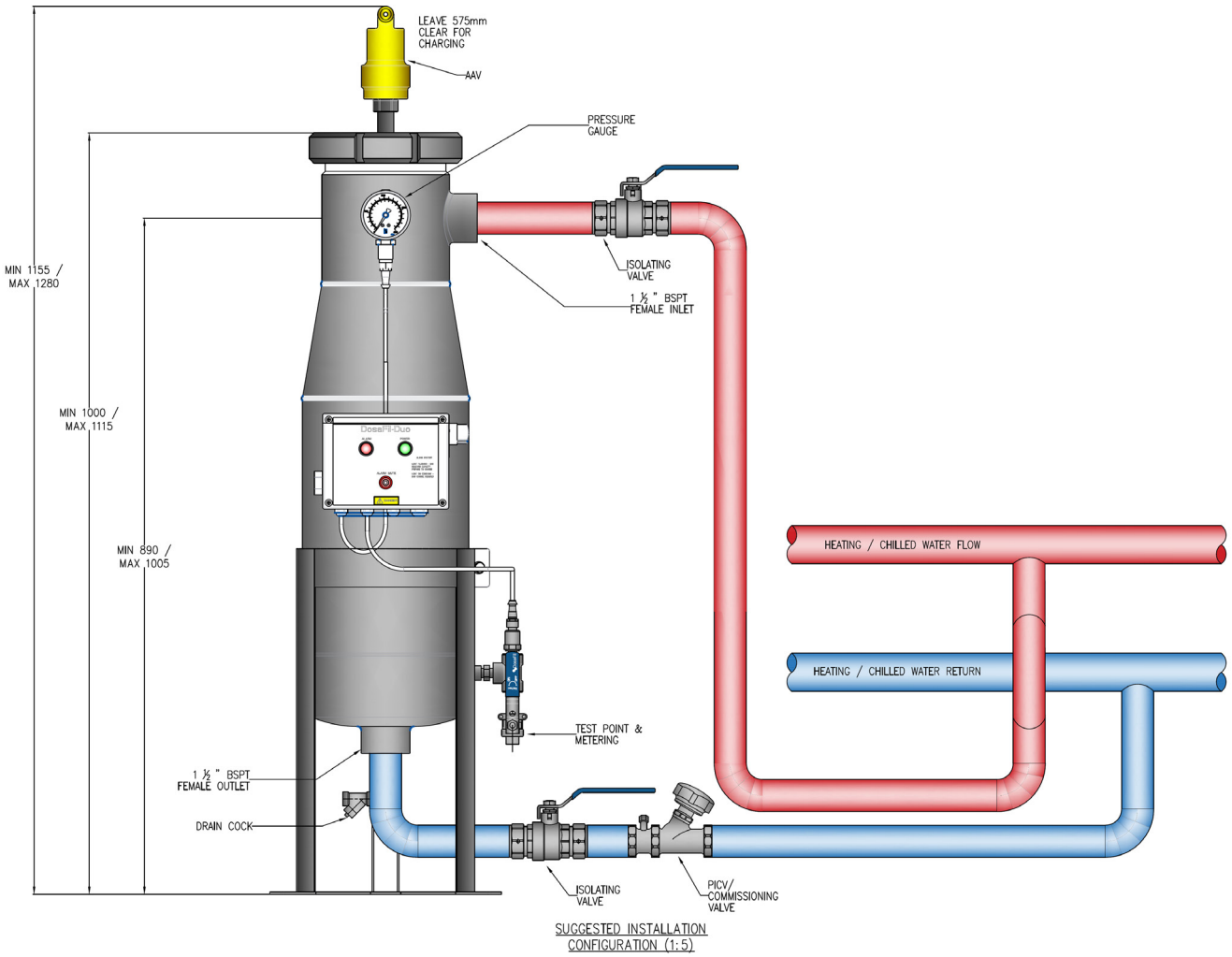
DosaFil-Duo® HF+

Dimensional Details



DosaFil-Duo® HF+

Suggested Installation Configuration



SUGGESTED INSTALLATION CONFIGURATION (1:5)

DosaFil-Duo® HF+
Further Information

Key Features of the DosaFil-Duo®

- ✓ The only device to combine safe dosing of solid or liquid treatment chemicals with constant side stream filtration and continuous air removal
- ✓ Unmatched standard operating pressure and temperature ranges
- ✓ Suitable for use with any brand of chemical treatment
- ✓ Enables online remediation of fouled systems
- ✓ Fast: isolate, open & change a filter bag in under five minutes
- ✓ Smart monitoring notifies users when filter bags need changing
- ✓ Communication options for BMS built-in as standard
- ✓ Fully insulated jacket prevents heat loss
- ✓ Designed & Manufactured in Britain

DosaFil-Duo
ON
OFF
5 YEAR
DosaFil-Duo
DSD-HF
DSD-HF-0014
31KG
19L
130°C
16 BAR
23 BAR
MADE IN BRITAIN
DosaFil

Easy. Safe. Fast.
DosaFil® makes water treatment what it should be.