

Compact, totally enclosed vacuum degasser unit (Pressure Step Degasser) for use on sealed systems in order to provide effective dissolved gas removal.

- For system volumes up to 300,000 litres (Flamco Midi PSD: 50000 litres).

Application of Use:

- Commercial.
- Industrial.
- Residential.

Advantages

- System fluid is sampled from the system, isolated and subjected to a full vacuum.
- All dissolved air within the sample is liberated in accordance with Henry's Law and vented to atmosphere.
- The deaerated fluid is then reintroduced to the system.
- This process is automatically repeated and controlled with a digital processor.
- A turbo mode is available for initial system setup to allow for rapid deaeration of new installations.
- The real-time display shows the status of the mechanical components.

Product Features:

- Password protection for parameter entry.
- Pressure settings in 0.1 bar increments.
- Event logging for pump start, pump run hours counter, electrical interruption and common alarm.
- Volt free contacts for common fault.
- Pump fault, pressure transducer.
- Vacuum degassing, turbo and normal interval modes.
- Electric pump, 230V 50Hz 1ph (2160D: 415V 50Hz 3ph).



Technical Specifications

Certifications and Standards Applied:

- PED 2014/68/EU Sound Engineering Practice.
- IEE - Electrical Safety Guidance.
- EMC 2004/108/EC.
- BS 7074 Parts 1 to 3.
- Machinery Directive 95/16/EC.
- Electronic Components have been tested and comply with the EMC Directives.
- EN 61000-6-2: Generic Standards – Immunity standard for industrial environments.
- EN 61000-6-3: Generic Standards – Emission standard for residential, commercial and light industrial environment.
- CE marked components, where applicable.
- IP54 (BS EN60529) Rated Controller.
- WRAS Approved Pump.

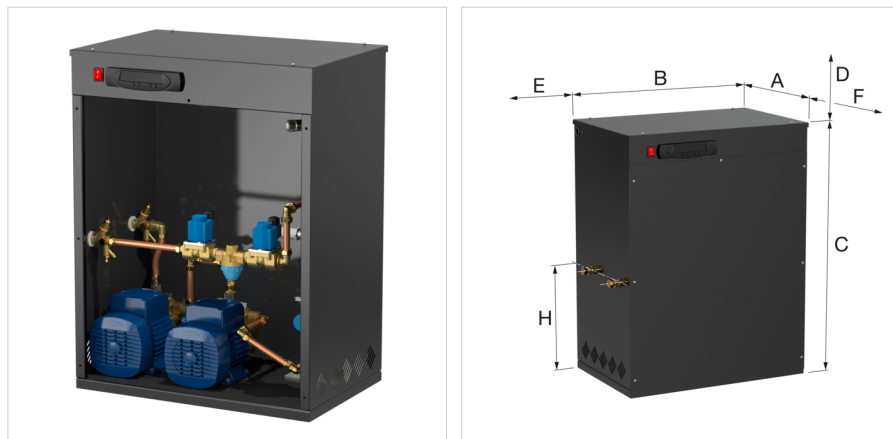
Operating Conditions:

- Ambient Temperature Range: 5 °C / 40 °C.
- System temperature range at the point of connection: 5 °C to 70 °C.
- Max. Turbo Runtime: 168 hours (1 week).
- Max. Normal Downtime: 180 minutes (3 hours).
- Volt Free Contacts: Common Fault Contact.
- Relative humidity 95% non-condensing.
- Noise Rating Data: < 75 dBA.

Material of Construction:

- Cabinet: Mild steel CR4.
- Cylinder: Stainless Steel 304.
- Pump: PEDROLLO (Unit dependant. See pump details for more information).
- Valves: Brass.
- Connection: Brass.
- Pipework: Copper / Brass.
- Finish: Powder Coating.

Description	PSD 2160D / 8.0 - 16 bar 3ph
Order Code	17104
GTIN	08712874171046
Model	<u>PSD</u>
Pump Quantity	2
Mounting	Floor
Connections [mm]	2 x 15 (Rp 1/2")
Pressure class [PN]	16
Operating Pressure [bar]	8 - 16
Power Consumption [kW]	2 x 2.2
Full Load Current [A]	2 x 6.6
Nom. Weight [kg]	64



Dimensions PSD

Type	Dimensions							
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	H [mm]	K [mm]
Midi PSD 150D	280	410	480	500	150	800	110	260
PSD 250D	310	465	790	500	150	800	445	445
PSD 280D - 2160D	390	600	790	500	150	800	445	445



Classification General Data

Etim Group	
Etim Class	
Product Name	PSD 2160D / 8.0 - 16 bar 3ph
Brand	FLAMCO
Product Type	Vacumat (incl. ENA/PSD/PressDS)
Artikelnummer	17104
GTIN	08712874171046

Find more information online:[Installation and operating instruction](#)[Certificates Degasser range](#)[PSD STEP](#)[PSD RFA](#)[DXF PSD](#)[PSD IGES](#)[Export catalogue](#)[Overview of spares kits](#)[Spare parts list](#)[Productdatasheet PSD](#)

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