

The Flamcomat D Pump Set Unit is an advanced product that combines a balanced pressure system with an effective pressure step deaerator function and an inter-link to a top up pressurisation unit.

**Product Features:**

- On/Off switch, with indicator neon.
- Constructed as type AB air gap with weir overflow, fluid category 5.
- Electronic pressure transducer.
- Normally closed, common fault, volt free boiler interlock.
- Normally open high pressure, low pressure, transducer health and pump health volt free contacts.
- System logging.
- Easy setup and commissioning.
- Event logging for pump start, individual pump run hours counter, electrical interruption and common alarm.
- Volt free contacts for common fault, high pressure, low pressure, pump fault, pressure transducer fault.
- 18 Litre break tank with type AB Air Gap Fluid Cat 5.



**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.
- EN 13831/8 - Closed expansion vessels.
- IP54 (BS EN60529) Rated Controller.
- IPX5 (BS EN60529) Rated Pump.
- WRAS approved float valve to BS1212 part 2.

|                 |   |        |
|-----------------|---|--------|
| Description     | Flamcomat Pumpset D6 (D130) Cabinetised |        |
| Order Code      | 17906                                   |        |
| GTIN            | 08712874179066                          |        |
| Model           | <u>Flamcomat D Pump Set Units</u>       |        |
| Dimensions      | D. [mm]                                 | 680    |
|                 | W. [mm]                                 | 680    |
|                 | H. [mm]                                 | 1600   |
| Connections     | Vessel                                  | 1 1/2" |
|                 | System                                  | 1 1/2" |
|                 | Top-Up                                  | 1/2"   |
| Dry Weight [kg] | 240                                     |        |



**Flamcomat D Pump Set Units - Performance**

| Type                        | Noise Rating [dBA] | Pump Model      | Full Load Current [A] | Power Consumption [kW] | Required Supply Voltage [V] |
|-----------------------------|--------------------|-----------------|-----------------------|------------------------|-----------------------------|
| Pump Set D0                 | 58                 | Grundfos CM1-4  | 6.2                   | 1                      | 230V 50Hz, single phase     |
| Pump Set D1                 | 58                 | Grundfos CM3-6  | 8.8                   | 1.34                   | 230V 50Hz, single phase     |
| Pump Set D2                 | 65                 | Grundfos CM5-6  | 10.6                  | 2.6                    | 415V 50Hz, three phase      |
| Pump Set D3                 | 52                 | Grundfos CR3-15 | 14.8                  | 2.2                    | 230V 50Hz, single phase     |
| Pump Set D4                 | 54                 | Grundfos CR3-17 | 6.4                   | 3                      | 415V 50Hz, three phase      |
| Pump Set D5                 | 54                 | Grundfos CR3-23 | 9                     | 4.4                    | 415V 50Hz, three phase      |
| Pump Set D6                 | 55                 | Grundfos CR3-31 | 12.6                  | 6                      | 415V 50Hz, three phase      |
| Top Up Equipment (Integral) | 61                 | Pedrollo PQA60  | 5.0                   | 0.74                   | 230V/1ph/50Hz               |

**Classification General Data**

|               |  |
|---------------|--|
| Etim Group    | Pressure increase/decrease                 |
| Etim Class    | Automatic expansion unit                   |
| Product Name  | Flamcomat Pumpset D6 (D130)<br>Cabinetised |
| Brand         | FLAMCO                                     |
| Product Type  | Pump Automats                              |
| Artikelnummer | 17906                                      |
| GTIN          | 08712874179066                             |

**Attributes**

|        |                 |
|--------|-----------------|
| Height | 1600 Millimetre |
|        |                 |
|        |                 |
|        |                 |
|        |                 |
|        |                 |

**Find more information online:**
[Installation and operating instruction](#)
[Flamcomat D Pump Set Units STEP](#)
[Flamcomat D Pump Set Units DXF](#)
[Flamcomat D Pump Set Units IGES](#)
[Export catalogue](#)
[Flexcon M-K/U versus Flamcomat](#)
[Spare parts list](#)
[Product Datasheet Flamcomat D Pump Set Units](#)
[Packaging data](#)

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