

TWIN-LINE PUMP STATIONS FOR UNMIXED HEATING CIRCUITS

CSE2 F Pump Stations

Twin-line pump station with a high-efficiency circulation pump and other well-arranged basic components set in a compact thermoinsulating case. It permits shutting off heating circuits, temperature control, placing controller temperature sensors and easy servicing. A filter with magnet is included which makes it suitable also for older systems with steel pipes. A version designed for the right-hand outlet, conversion not possible.



TYPICAL APPLICATION:

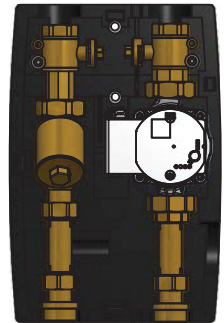
For unmixed heating circuits with/without thermostatic heads. Installation possible on a wall, thermal store or manifold.

TECHNICAL DATA

CONNECTIONS	1" F
FLUID WORKING TEMPERATURE	5 - 95 °C
PIPE DISTANCE	125 mm
DIMENSIONS	360 x 133 x 245 mm



In order to clean the filter, close the ball valve above the filter, and the check valve located under the filter will close the outlet from the filter.



COMPONENTS

FLOW:

- 1" F connection fitting with 1" Fu union nut.
- High efficiency circulation pump.
- DN 20 ball valve with union nut and a sensor sheath.
- Thermometer 0-120 °C.

RETURN:

- 1" F connection fitting with 1" Fu union nut.
- Non-return valve.
- Filter with a large strainer surface area and magnet.
- Ball valve with sheath for sensor.
- Thermometer 0-120 °C.

ACCESSORIES



Ball Valve w. drain valve, Fu/F (the fitting 15695 is needed for connection with CSE2)

Code: 17415



Union 1" Fu/M incl. gasket

Code: 15695



Union 1"x5/4" Fu/F to connect CSE2 to 5/4" manifold

Code: 17920

MODELS	Grundfos UPM3 FLEX AS 25-75	Grundfos UPM3 AUTO 25-60	Wilco PARA 25/6 SC	Wilco PARA 25/8 SC
PUMP CONTROL	ON/OFF (I,II,II) or PWM-A	ON/OFF ($\Delta p-c$ / $\Delta p-v$ / I,II,II)	ON/OFF ($\Delta p-c$ / $\Delta p-v$ / I,II,II)	ON/OFF ($\Delta p-c$ / $\Delta p-v$ / I,II,II)
MAX. HEAD	7.5m	6m	6.7m	8.4m
CODE	17487	19107	18312	17936