

TWIN-LINE PUMP STATIONS FOR MIXED HEATING CIRCUITS

CSE2 MIX F Pump Stations with Mixing

Twin-line pump station with a high-efficiency circulation pump, **mixing valve with (without) actuator** and with 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 for 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 mixed heating circuits. Installation possible on a wall, thermal store or manifold.

COMPONENTS

FLOW:

- 1" F connection fitting with 1" Fu union nut.
- Mixing valve with / without electric actuator.
- 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.
- Check valve.
- Filter with a large strainer surface area and magnet.
- Ball valve with sheath for sensor.
- Thermometer 0-120 °C.

MODELS	Grundfos UPM3 FLEX AS 25-75	Grundfos UPM3 AUTO 25-60	Wilo PARA 25/6 SC	Wilo PARA 25/8 SC
PUMP CONTROL	ON/OFF (I,II,II) or PWM-A	ON/OFF (Δp-c / Δp-v / I,II,II)	ON/OFF (Δp-c / Δp-v / I,II,II)	ON/OFF (Δp-c / Δp-v / I,II,II)
MAX. HEAD	7.5m	6m	6.7m	8.4m
KVS OF THE MIXING VALVE	6.3 m ³ /h	6.3 m ³ /h	6.3 m ³ /h	6.3 m ³ /h
CODE	17484	19103	18313	17937
CODE OF PUMP STATION WITHOUT ACTUATOR	18082	19111	18314	17917

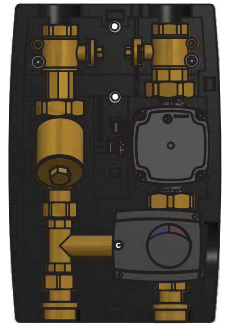
For actuators for mixing valves see page 12.

TECHNICAL DATA

CONNECTIONS	1" F
FLUID WORKING TEMPERATURE	5 - 95 °C
PIPE DISTANCE	125 mm
DIMENSIONS	360 x 133 x 245 mm
AVC05 ACTUATOR	
SHIFT TIME	120 s
TORQUE	5 Nm
SUPPLY VOLTAGE	230 V 50 Hz



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.



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