

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. They are intended for mixed heating circuits. Their installation is possible on a wall, thermal store or a 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:

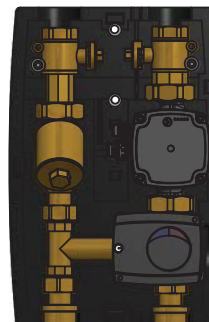
- 1" F connection fitting with 1" Fu union nut.
- Check valve
- Filter with a large strainer surface area and magnet.
- Ball valve with sheath for sensor.
- Thermometer 0-120 °C.

TECHNICAL DATA

CONNECTIONS	1" F
FLUID WORKING TEMPERATURE	5 - 95 °C
PIPE PITCH	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.



MODELS	CSE2 MIX F G75 1F	CSE2 MIX F G60 1F	CSE2 MIX F W6	CSE2 MIX F W8
PUMP	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	6 m	6.7m	8.4 m
KVS OF THE MIXING VALVE	6.3 m³/h	6.3 m³/h	6.3 m³/h	6.3 m³/h
CODE	17484	19103	18313	17937
CODE OF PUMP STATION WITHOUT ACTUATOR	18082	19111	18314	17917

Actuators for mixing valves can be found on page 25.