

TWIN- LINE SOLAR PUMP STATIONS CSE2 SOL

GENERAL INFORMATION

TECHNICAL DATA

MAX. WORKING PRESSURE	6 bar
MAX. WORKING TEMPERATURE	110 °C
POWER SUPPLY	230 V, 50 Hz

COMPONENTS

- Wilo / Grundfos circulation pump
- Check valve
- Safety valve
- Fill and drain valves
- Three ball valves
- Air separator
- Pressure gauge
- Thermometers
- Expansion vessel connection point
- Thermoinsulating case

CIRCULATION PUMPS

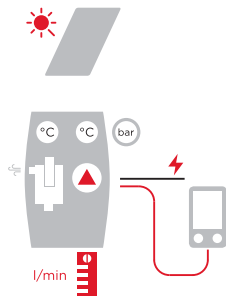
Wilo PARA ST 25 / 7-50 / iPWM2
for PWM controllers

Grundfos UPM3 Hybrid 25-70
for PWM or ON/OFF controllers

CSE2 SOL models without Controller

All models without controller are equipped with a mechanical flowmeter.

DIAGRAM



MODELS

Connections

Flow rate measurement range

Code

G 3/4" M

2-12 l/min

19985

Wilo pump

G 1" M

8-28 l/min

19988

Cu 22mm

2-12 l/min

20549

Grundfos pump

G 3/4" M

2-12 l/min

19990

G 1" M

8-28 l/min

19983



CSE2 SOL models with SRS1 T Controller

All models also include a 3m power cord with plug for the controller and pump.



SRS1 T CONTROLLER

- continuous control of pump speed
- with a solar sensor
- with hot water tank sensors connected

CSE2 SOL SRS1T

Includes 1 hot water tank sensor connected. Models with Grundfos pump include a mechanical flow meter. Models with Wilo pump include electronic flow measuring showed on display.

MODELS

Connections	Wilo pump			Grundfos pump	
	G 3/4" M	G 1" M	Cu 22mm	G 3/4" M	G 1" M
Flow rate measurement range	2-20 l/min	2-20 l/min	2-20 l/min	2-12 l/min	8-28 l/min
Code	20564	20579	20573	20581	20577

CSE2 SOL SRS1 T-E

with an el. socket to connect a heating element

It includes also a dedicated 230V power socket intended to connect an el. heating element of up to 3kW output, switched by the controller, and 2 hot water tank sensors connected. Models with Grundfos pump include a mechanical flow meter. Models with Wilo pump include electronic flow measuring showed on display.

MODELS

Connections	Wilo pump			Grundfos pump	
	G 3/4" M	G 1" M	Cu 22mm	G 3/4" M	G 1" M
Flow rate measurement range	2-20 l/min	2-20 l/min	2-20 l/min	2-12 l/min	8-28 l/min
Code	20557	20558	20560	20522	20556

CSE2 SOL SRS1 T-E HDO

with an el. socket to connect a Ripple-controlled heating element

It includes also a dedicated 230V power socket intended to connect an el. heating element of up to 3kW output, switched by Ripple control and by the controller, and a heating element power cable for connection to a Ripple-controlled power supply, and 2 hot water tank sensors connected. Includes electronic flow measuring showed on display.

MODELS

Connections	Wilo pump	
	G 3/4" M	G 1" M
Flow rate measurement range	2-20 l/min	2-20 l/min
Code	20526	20551

CSE2 SOL SRS1 T-K

It includes also a dedicated power socket intended for switching an auxiliary heat source (boiler) and a cable w. connector for the control of the heat source, and 2 hot water tank sensors connected. Includes electronic flow measuring showed on display.

MODELS

Connections	Wilo pump	
	G 3/4" M	G 1" M
Flow rate measurement range	2-20 l/min	2-20 l/min
Code	20569	20583

CSE2 SOL models with SRS3 E Controller

All models also include a mechanical flowmeter and a 3m power cord with plug for the controller and pump.



SRS3 E CONTROLLER

- continuous control of pump speed
- with a solar sensor
- with 2 hot water tank sensors connected

CSE2 SOL SRS3 E

Includes a mechanical flow meter.

MODELS

	Wilco pump			Grundfos pump	
Connections	G 3/4" M	G 1" M	Cu 22 mm	G 3/4" M	G 1" M
Flow rate measurement range	2-20 l/min	2-20 l/min	2-20 l/min	2-12 l/min	8-28 l/min
Code	20373	20452	20457	20372	20453