

# CHARGING AND DISCHARGING STATIONS

## TANK CHARGING UNIT



### Product description

This universal secondary pump group for hot-water applications is used to load the tank in, e.g. plate heat exchanger systems, and is comprised of the high efficiency pump, multifunctional isolation valve with thermometer and integrated metal gravity brake at the pump pressure side, additional ball valve on the pump suction side, flat seals for pump and connection, and a two-part EPP heat insulation jacket. The unit is assembled ready-to-install as well as pressure and function tested.

### Specifications

Drawing Pos. no.	Component	Type	Description/dimension
	<b>1510624</b>	SLEH 60 PWM	Tank pump unit with high-efficiency pump
1	<b>pump</b>	Wilo Yonos Para ST 25/7.0 PWM2	G 1 1/2" x 180 mm
2	<b>Pump flat seal</b>	Size Material Continuous temperature Max. temp. (momentary)	45x33x2 - 1 1/2" AFM 34 light grey liquid 250°C, vapour 200°C 400°C
	<b>Voltage supply pump</b>		Pump cable with Molex connection PR61B
	<b>Pulse-duration modulation signal pump</b>		Signal cable with Molex connection PR71B
3	<b>Multi-functional valve</b>	Connections	with ball valve, gravity brake and thermo control 1" flat sealing threaded connection 3/4" female flat sealing ( <b>for cylindrical expansion tank, dummy</b> )
4	<b>Gravity brake</b>	Material Seal Release pressure Adjustable Max. temperature	Integrated in multi-functional return flow valve group brass O-ring 70 EPDM 291 200 mm WC (by means of metal spring) by 45° position of the thermo control 180°C
5	<b>Thermometer control</b>	Control	Thermo control, blue L=92 mm to operate the multifunctional valve group
6	<b>Dial thermometer</b>	Scale Diameter Length Colour	Integrated in thermometer control 0-160°C in 2°C and 40-320°F divisions 50 mm 92 mm Silver RAL 9006
7	<b>Ball valve</b>	Connections	1" female thread
8	<b>Suction side connection</b>		1" female, with union screw connection and union nut 1 1/2"
9	<b>Pressure side connection</b>		1" female, with union screw connection and union nut 1 1/2"
10	<b>Flat seal connection</b>	Size Material Continuous temperature Max. temp. (momentary)	45x33x2 - 1 1/2" AFM 34 light grey liquid 250°C, vapour 200°C 400°C
11	<b>Insulation jacket</b>	"Material Thermal conductivity Max. temperature Max. temp. (momentary) Single parts	EPP 0.041 W/mK 120°C 150°C 1x lower shell, 1x upper shell
12	<b>Cover in insulation jacket</b>		Plastic, silver (with TiSUN logo)

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### Illustrations

