

CHARGING AND DISCHARGING STATIONS **TiSUN®**

TANK CHARGING UNIT



Product description

The universal secondary pump group charges the tank and consists of circulation pump, multi-functional isolation valve with ball valve, gravity brake and thermometer on the pump pressure side, additional ball valve on the pump suction side, flat seals for pump and connection, two-part EPP heat insulation jacket. The pump group is assembled ready-to-install as well as pressure and function tested.

Specifications

Illustration item no.	General	SLE 40	SLE 60	SLEH 60
	Type	SLE 40	SLE 60	SLEH 60
	Item no.	1510330	1510331	1510332
	Connections (suction and pressure sides)	1" female		
	Installation height	370.5 mm		
	Pumped medium temperature	2-110 °C		
1	Pump	Grundfos UPS 25-40	Grundfos UPS 25-60	Grundfos high-efficiency Alpha2 25-60
	Type	G1 ½" x 180 mm		
	nominal size x installation length	45 x 33 x 2 – 1 ½"		
2	Pump flat seals			
3	Multi-functional isolation valve			
	Ball valve	Ball valve 1" (integrated in multi-functional isolation valve)		
4	Dummy plug	3/4" female (connection for expansion tank)		
5	Union nut	1" (for pump)		
6	Gravity brake			
	Material	Seat/sleeve: CuZn39Pb3; Spring: X10CrNi18-8		
	Seal	EPDM		
	Opening pressure	20 mbar (by means of metal spring)		
	Adjustable	By 45° setting of thermo control		
7/8	Thermo control with dial thermometer			
	Scale	0-160 °C in 2 °C divisions		
	Diameter	51 mm		
	Length	90 mm		
	Colour	Silver		
	Connections			
9	Suction side	Ball valve 1" female, with union screw connection and union nut 1 ½"		
10	Pressure side	1" female, with union screw connection and union nut 1 ½"		
11	Flat seals for connections	45 x 33 x 2 – 1 ½"		
12	Insulation			
	Dimensions W x H x D	150 x 355 x 180		
	Material	EPP with bead joint (two-part)		
	Thermal conductivity(λ)	0.041 W/(mK)		
	Max. temperature	120 °C		
	Short-term temperature	180 °C		
13	Cover	Plastic, silver (with TiSUN logo)		

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Illustrations

