

TE400 Peltier chiller

With their robust design and precise temperature control, Peltier chillers are ideal for simple temperature control tasks in laboratories and research facilities. They operate without refrigerants and are therefore very environmentally friendly. At the same time, the reliable chillers contribute to lowering operating costs and reducing the ecological footprint thanks to their energy-efficient operation.

The TE400 uses fewer movable components such as compressors for cooling. This makes it comparatively low-maintenance and less susceptible to wear. The Peltier chiller offers a cooling capacity of up to 400 watts and a pump capacity of up to 7 l/min and impresses with its high temperature stability for a wide range of different applications.

Silent Mode

The TE400 Peltier chiller is equipped with an additional operating mode for use with lower cooling power requirements. The noise level is significantly reduced in Silent Mode, contributing to a more pleasant working atmosphere.

Product features

- High temperature stability
- Environmentally friendly operation with low energy consumption
- Economical operation due to high energy efficiency and low energy consumption
- Touch display for easy operation

Performance values

115V/60Hz (Multiple Plugs (EU / US / GB / CH - Plug))	
Heating capacity kW	0.45
Pump capacity flow rate l/min	7
Pump capacity flow pressure psi	17.4
Power consumption A	4.35



Order 9635400.99
No.

Cooling capacity 1 (Water)

°C	20	10
kW	0.4	0.2

*Cooling capacity 1: Boost mode, cooling capacity 2: Silent mode. Cooling performance specifications apply for ambient temperature of 20°C. The cooling capacity may decrease if the ambient temperature rises.

Cooling capacity 2 (Water)

°C	20	10
kW	0.33	0.19

*Cooling capacity 1: Boost mode, cooling capacity 2: Silent mode. Cooling performance specifications apply for ambient temperature of 20°C. The cooling capacity may decrease if the ambient temperature rises.

Cooling capacity 3 (Water Glycol 30:70)

°C	20	10	0
kW	0.4	0.2	0.05

*Cooling capacity 1: Boost mode, cooling capacity 2: Silent mode. Cooling performance specifications apply for ambient temperature of 20°C. The cooling capacity may decrease if the ambient temperature rises.

208V/60Hz (Multiple Plugs (EU / US / GB / CH - Plug))

Heating capacity kW	0.45
Pump capacity flow rate l/min	7
Pump capacity flow pressure psi	17.4
Power consumption A	2.17

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Cooling capacity 1 (Water)

°C	20	10
kW	0.4	0.2

*Cooling capacity 1: Boost mode, cooling capacity 2: Silent mode. Cooling performance specifications apply for ambient temperature of 20°C. The cooling capacity may decrease if the ambient temperature rises.

Cooling capacity 2 (Water)

°C	20	10
kW	0.33	0.19

*Cooling capacity 1: Boost mode, cooling capacity 2: Silent mode. Cooling performance specifications apply for ambient temperature of 20°C. The cooling capacity may decrease if the ambient temperature rises.

Cooling capacity 3 (Water Glycol 30:70)

°C	20	10	0
kW	0.4	0.2	0.05

*Cooling capacity 1: Boost mode, cooling capacity 2: Silent mode. Cooling performance specifications apply for ambient temperature of 20°C. The cooling capacity may decrease if the ambient temperature rises.

Technical data

Available voltage versions		Electronics	
Order No.	9 635 400	Interfaces	RS232
Available voltage versions:			
9635400.99	100-230V/50-60Hz (Multiple Plugs (EU / US / GB / CH - Plug))		
Dimensions and volumes		Temperature values	
Weight lbs	52.9	Working temperature range °C	-5 ... 40
Barbed fittings inner diameter	8/12 mm	Temperature stability °C	0.02
Dimensions in. (W × L × H)	10.8 x 16.3 x 15.7	Ambient temperature °C	15 ... 40
Filling volume l	1	Temperature display resolution °C	0.1
Pump connections	M16x1 male		