

# Plate Heat Exchanger 579804 (46505-00)

**FESTO**

LabVolt Series

Datasheet



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## Table of Contents

General Description _____	3
Specifications _____	3

## General Description

The plate heat exchanger, an external device, is a copper, brazed-plate type of heat exchanger that transfers thermal energy through a fluid containment wall.

## Specifications

Parameter	Value
<b>Type</b>	Copper, brazed flat plate
<b>Inlet and Outlet Diameter</b>	1.3 cm (0.5 in)
<b>Number of Ports</b>	1 input, 1 output (cold side); 1 input, 1 output (hot side)
<b>Number of Plates</b>	10
<b>Thermal Transfer Area</b>	0.121 m <sup>2</sup> (1.3 ft <sup>2</sup> )
<b>Solar/Transfer Fluid Volume</b>	114 mL (0.03 US gal) on each side
<b>Maximal Heat Capacity</b>	13.2 kW (45 000 BTU/hr)
<b>Plate Dimensions</b>	20.32 x 8.26 cm (8 x 3.25 in)
<b>Physical Characteristics</b>	
Dimensions (H x W x D)	22.3 x 12 x 10.5 cm (8.78 x 4.7 x 4.13 in)
Net Weight	1.66 kg (3.66 lb)

Reflecting the commitment of Festo Didactic to high quality standards in product, design, development, production, installation, and service, our manufacturing and distribution facility has received the ISO 9001 certification.

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