

HEAT EXCHANGERS



DV800 Stainless Steel Plate Heat Exchangers

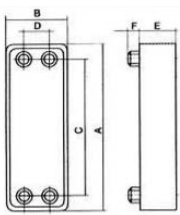
Plate heat exchangers designed for efficient heat transfer between various fluids. They are made of thin, pressed high quality stainless-steel sheets and soldered with copper. In order to reduce heat loss they are fitted with EPDM insulation that resists up to 175°C temperature in short term.

Considering its design, the DV800 series is suitable for **large solar thermal systems, district heating transfer stations, or high-output systems**. We calculate the heat exchanger size on an individual basis upon request, based on specific parameters of the heating system in question.

Technical Data

MATERIAL	AISI 316L
MAX. WORKING PRESSURE	by model see chart below
MAX. WORKING TEMPERATURE	permanent 150 °C, short term (1 h) 175 °C
CONNECTION SIZE	2" M

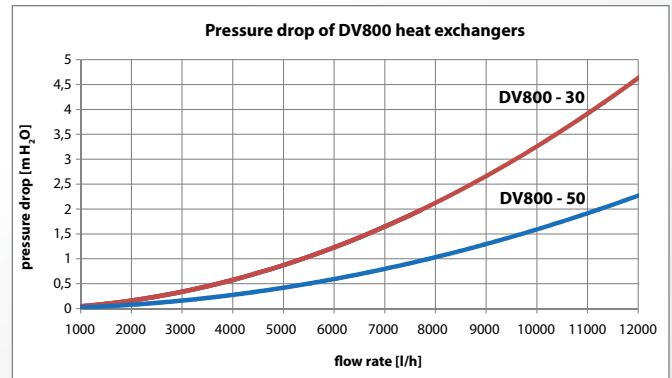
Drawing



Dimensions with insulation

HEIGHT (A)	605 mm
WIDTH (B)	310 mm
PITCH (C)	475 mm
PITCH (D)	185 mm
THICKNESS (E)	by model see chart below
PORT LENGTH (F)	35 mm

Chart



Models

		DV800-30E	DV800-50E
NUMBER OF PLATES	--	30	50
HEAT TRANSFER SURFACE AREA	m ²	4.8	8.0
FLUID VOLUME	l	4.4	7.7
WEIGHT WITH/WITHOUT INSULATION	kg	34/31	47/44
THICKNESS (E)	mm	115	165
MAX. WORKING PRESSURE	bar	10	6
CODE	--	10 490	10 491

DV800

Plate Heat Exchanger