

HEAT EXCHANGERS



DV503 Stainless Steel Plate Heat Exchangers

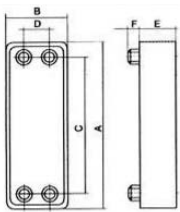
Plate heat exchangers designed for efficient heat transfer between various fluids. They are made of thin, pressed high quality stainless-steel sheets and soldered with copper. In order to reduce heat loss they are fitted with EPDM insulation that resists up to 175°C temperature in short term.

Considering its design, the DV503 series is suitable for **continuous hot water heating or large solar thermal 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	12 bar
MAX. WORKING TEMPERATURE	permanent 150 °C, short term (1 h) 175 °C
CONNECTION SIZE	1" M

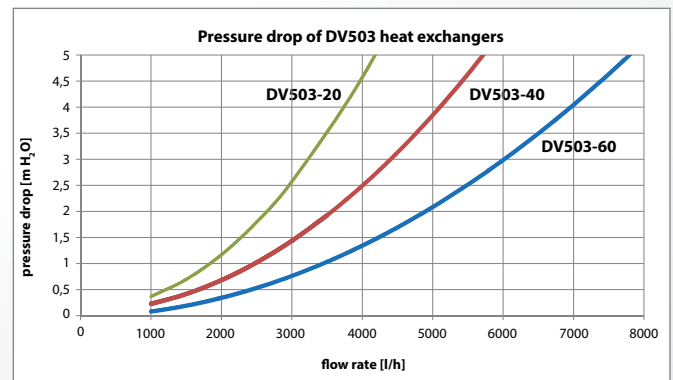
Drawing



Dimensions with insulation

HEIGHT (A)	533 mm
WIDTH (B)	153 mm
PITCH (C)	445 mm
PITCH (D)	70 mm
THICKNESS (E)	by model see chart below
PORT LENGTH (F)	23 mm

Chart



Models

		DV503-20E	DV503-40E	DV503-60E
NUMBER OF PLATES	--	20	40	60
HEAT TRANSFER SURFACE AREA	m ²	1.1	2.2	3.3
FLUID VOLUME	l	1.2	2.3	3.4
WEIGHT WITH/WITHOUT INSULATION	kg	11/9	14/13	19/17
THICKNESS (E)	mm	105	146	195
CODE	--	11 045	10 495	10 496

