

HEAT EXCHANGERS



Copper Tube Heat Exchangers

Finned tube heat exchangers intended for heat transfer in thermal stores. They are not intended for hot water storage tanks.

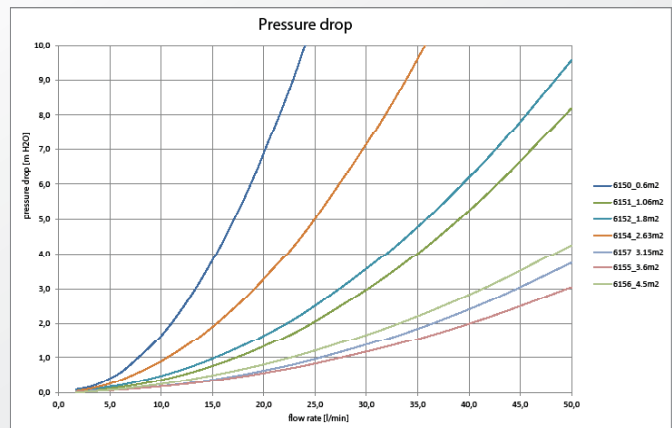
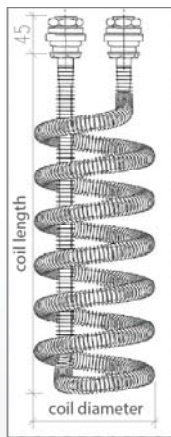
Finned tubes offer large surface area and ensure better heat transfer.

Technical Data

MATERIAL	copper
MAX. WORKING PRESSURE	10 bar
MAX. WORKING TEMPERATURE	95 °C

Dimensions and models

CODE		6150	6151	6152	6154	6157	6155	6156		
SURFACE AREA	sqm	0.60	1.06	1.80	2.63	3.15	3.60	4.50		
COIL LENGTH	mm	410	420	470	600	560	650	750		
COIL DIAMETER	mm	145	145	170	190	190	190	190		
VOLUME	l	0.4	0.9	1.5	2.2	2.5	2.9	3.7		
CONNECTION	--	3/4"	3/4"	3/4"	3/4"	1"	1"	1"		
NUMBER OF TUBES	pcs	1	1	1	1	2	2	2		
DHW heat. from 10°C to 45°C	at heat. water temp. 60°C	flow rate	l/min	2.0	3.4	10.0	18.3	11.8	13.0	22.8
		output	kW	5.0	8.0	24.0	45.0	29.0	32.0	56.0
	at heat. water temp. 80°C	flow rate	l/min	7.4	13.3	27.4	48.1	30.7	33.6	59.8
		output	kW	18.0	32.0	67.0	117.0	75.0	82.0	146.0
SUITABLE FOR THERMAL STORE	PSxF	300 N and bigger	300 N and bigger	300 N and bigger	500 N and bigger	500 N and bigger	800 N and bigger	800 N and bigger		



Flanges

The heat exchangers are intended for thermal stores with a flange opening – models PSWF or PS2F.

For installation a flange with 2 openings is needed, their size depending on the connection size of the selected heat exchanger.

CODE	6231	6232
CONNECTIONS	3/4"	1"
FLANGE DIAM.	312 mm	312 mm
OPENINGS	2x diam. 30 mm, pitch 70 mm	2x diam. 39 mm, pitch 90 mm

