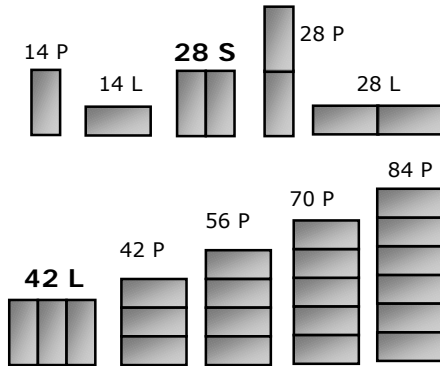


COLLECTOR TYPE: Thermic

Models and specifications:



Model	height	width	weight	aperture	stock
Thermic	mm	mm	kg	area m ²	
14 P	1776	910	31	1.38	
14 L	910	1776	31	1.38	
28 S	1776	1751	55	2.75	yes
28 P	3491	910	60	2.76	
28 L	910	3491	60	2.76	
42 L	1776	2596	84	4.12	yes
42 P	2596	1776	84	4.12	
56 P	3433	1776	117	5.50	
70 P	4276	1776	146	6.88	
84 P	5119	1776	175	8.26	

All collectors 105mm thick

ABSORBER PLATE:	Copper sheet and tube bonded over the full length of the pipe in an automated process. Selectively coated surface layer: absorption coefficient = 0.96; emission coefficient = 0.08-0.12. Interchangeable by means of compression fittings, after removal of glass cover
GLASS COVER:	Low iron, tempered, low reflection glass, 3.2mm. Removable with black aluminium frame cover. Light transmittance = 91%
COLLECTOR BOX:	Heavy aluminium box section with black anodised aluminium glass cover frame. A temperature sensor pocket is located at the top back side of the collector
INSULATION:	All insulation materials are 100% CFC-free
FLUID CONTENT:	0.5 litre/m ² of collector area
FLOW RATE:	0.015 litres per second per m ² of collector area (recommended)
PRESSURE DROP:	4 kPa at a flow rate of 0.04 litres per second (Thermic 28)
THERM. CAPACITY:	1750 J/K per m ² collector area
TEST PRESSURE:	6 Bar
FIXING METHODS:	(1) Roof integrated using flashing kit; (2) Roof mounted using brackets on top of the tiles; (3) Flat roof mounted with A-frames and ballast or roof fixings
EFFICIENCY:	$\eta = 0.7847 - 3.4746 T^* - 0.01572 G T^{*2}$
TESTED BY:	TNO- The Netherlands, TÜV, ISFH, ITW - Germany, SPF- Switzerland CSTB-France, TIL- Denmark
LIFE EXPECTANCY:	min. 25 to 30 years
APPLICATIONS:	small to large domestic hot water systems, industrial process and swimming pool heating
GUARANTEE:	5 years