


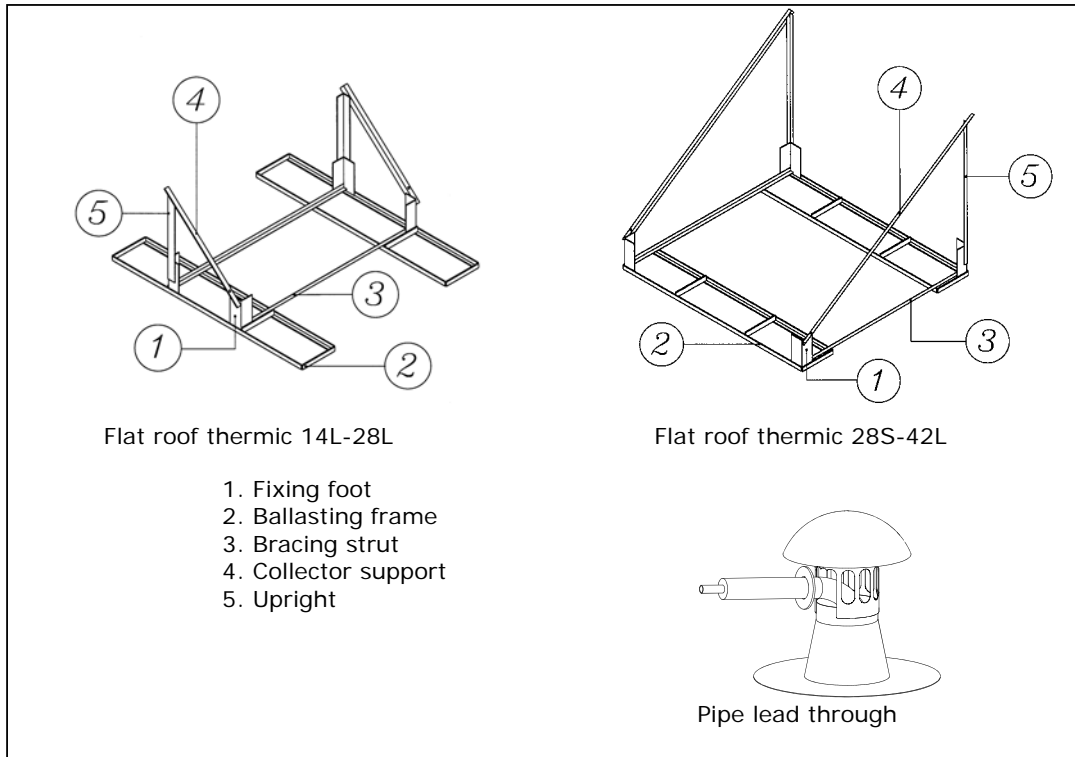


COLLECTOR TYPE: **Thermic**

Models and specifications:

	Flat roof sets	height	width	stock
		mm	mm	
	Flat roof thermic 28S-42L	1776	1751 / 2596	yes
	Flat roof thermic 14L-28L	910	1776 / 3491	
	Flat roof Pipe lead trough 125mm			yes



<b>MATERIALS:</b>	Flat roof sets are constructed from thermo galvanized steel profiles. The pipe lead through is Aluminium.
<b>FIXING METHODS:</b>	All fastening materials are in stainless steel.
<b>CONSTRUCTION:</b>	Engineering based on typical wind load factors in Western-Europe.
<b>BALLAST:</b>	Standard concrete paving slabs. Required weight: see table 1
<b>LIFE EXPECTANCY:</b>	25 to 30 years.
<b>APPLICATIONS:</b>	small to large domestic hot water systems, industrial process and swimming pool heating.
<b>GUARANTEE:</b>	5 years.

Wind area	Area I			Area II			Area III		
Collector type	1-mod	2-mod	3-mod	1-mod	2-mod	3-mod	1-mod	2-mod	3-mod
Collector weight	37	54	80	37	54	80	37	54	80
Frame weight	30	30	30	30	30	30	30	30	30
Max height (m)	Ballast weight (kg)			Ballast weight (kg)			Ballast weight (kg)		
3	172	395	608	118	285	444	90	231	362
6	241	532	***	183	415	639	135	320	495
9	282	614	***	224	497	***	172	395	608
12	316	682	***	254	559	***	200	419	690
15	340	***	***	278	607	***	220	450	***
20	374	***	***	309	668	***	251	552	***
25	402	***	***	337	***	***	275	600	***
30	422	***	***	387	***	***	296	641	***
35	443	***	***	378	***	***	313	675	***

Tabel 1

The ballast shown in the table must be distributed 2/3 to the back and 1/3 to the front of the frame

Area I = costal region <10km

Area II = windy areas

Area III = inland not too exposed

**These figures are a guide only, the ballast weight for a particular site should be calculated by a qualified engineer.**