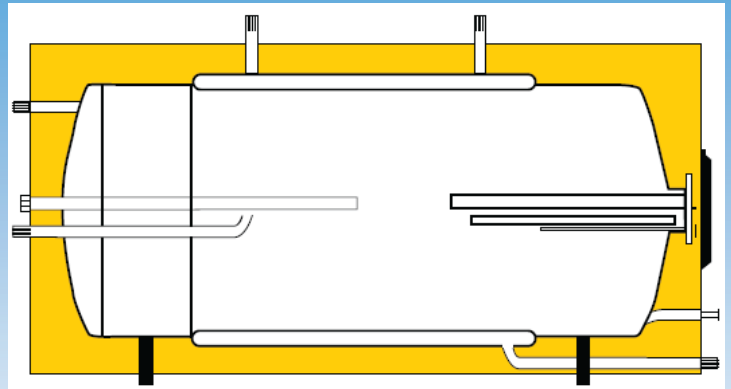


# THERMOSIPHONIC

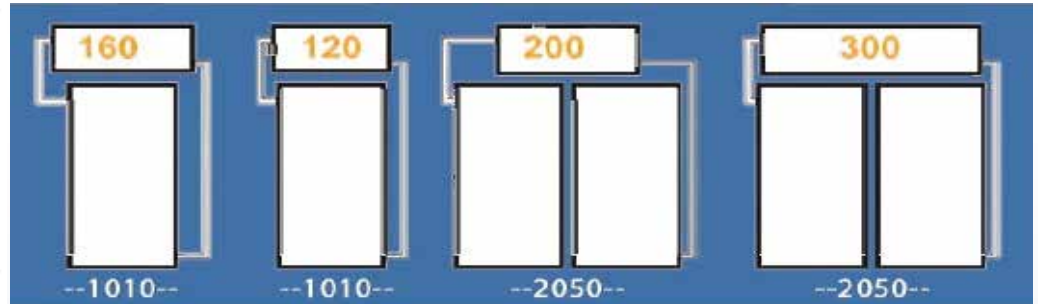
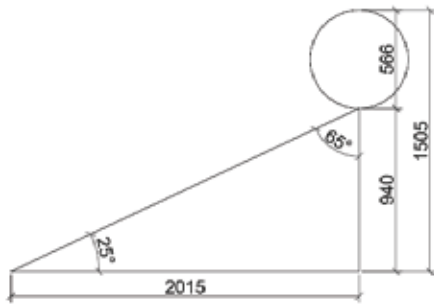
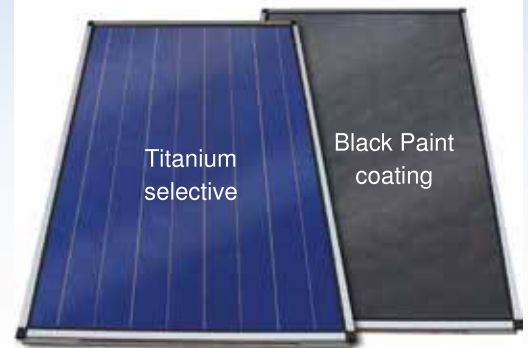
## Specification of Storage Tank

- **External casing** : anodized aluminum
- **Tank's insulation** : polyurethane foam 40-55 mm
- **Cylinder's material** : galvanized sheeting 3mm
- **Jacket's material** : low carbon steel 1,5 mm
- **Cylinder's internal protection** : durossalt 80-120 microns
- **Additional protection** : magnesium rod
- **Electric resistance** : copper
- **Thermostat** : bipolar of four contacts
- **Power rate** : available from 0,8kw – 4kw



## Specification of Solar Collector

- **External frame** : anodized aluminum profile
- **Back side** : galvanized sheeting - 0,6 mm
- **Back insulation** : rock wool 40 mm
- **Side insulation** : glass-wool of 20 mm
- **Absorber** : unique sheet of copper with selective titanium coating or with black paint / ultra sonic welding or type "omega" (∅).
- **Absorber's tubes** : copper pipes ∅10 & ∅22 (risers and headers)
- **Cover** : solar tempered glass
- **Water-tightness** : EPDM rubber/transparent silicone



## Technical Data

Model	Tank			Collector					Support base	Overall Weight	
	Dimensions	Weight	Test Pressure	Dimensions	Collectors	Collector Surface	Weight	Tested Pressure	Weight	Empty	Full
	mm	kg	bar	mm		m <sup>2</sup>	kg	bar	kg	Kg	kg
120	530 x 110	52	10	2050 x 1010 x 90	1	2.10	43	10	26	121	231
160	530 x 1320	62	10	2050 x 1010 x 90	1	2.10	43	10	27	132	281
200	570 x 1320	70	10	2050 x 1010 x 90	2	4.20	86	10	28	184	376
300	570 x 2050	114	10	2050 x 1010 x 90	2	4.2	86	10	30	230	520