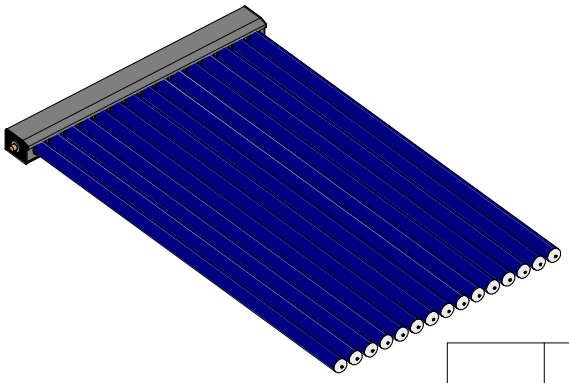
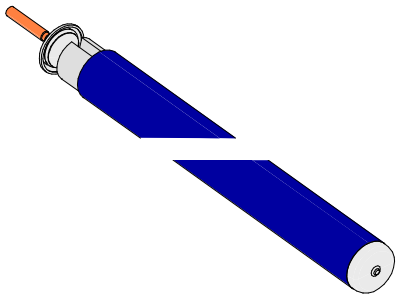
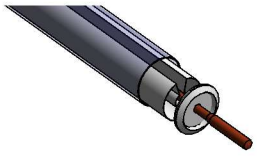
Hydro Solar
Innovative Energy

VACCUM TUBE SOLAR COLLECTOR -15 TUBES





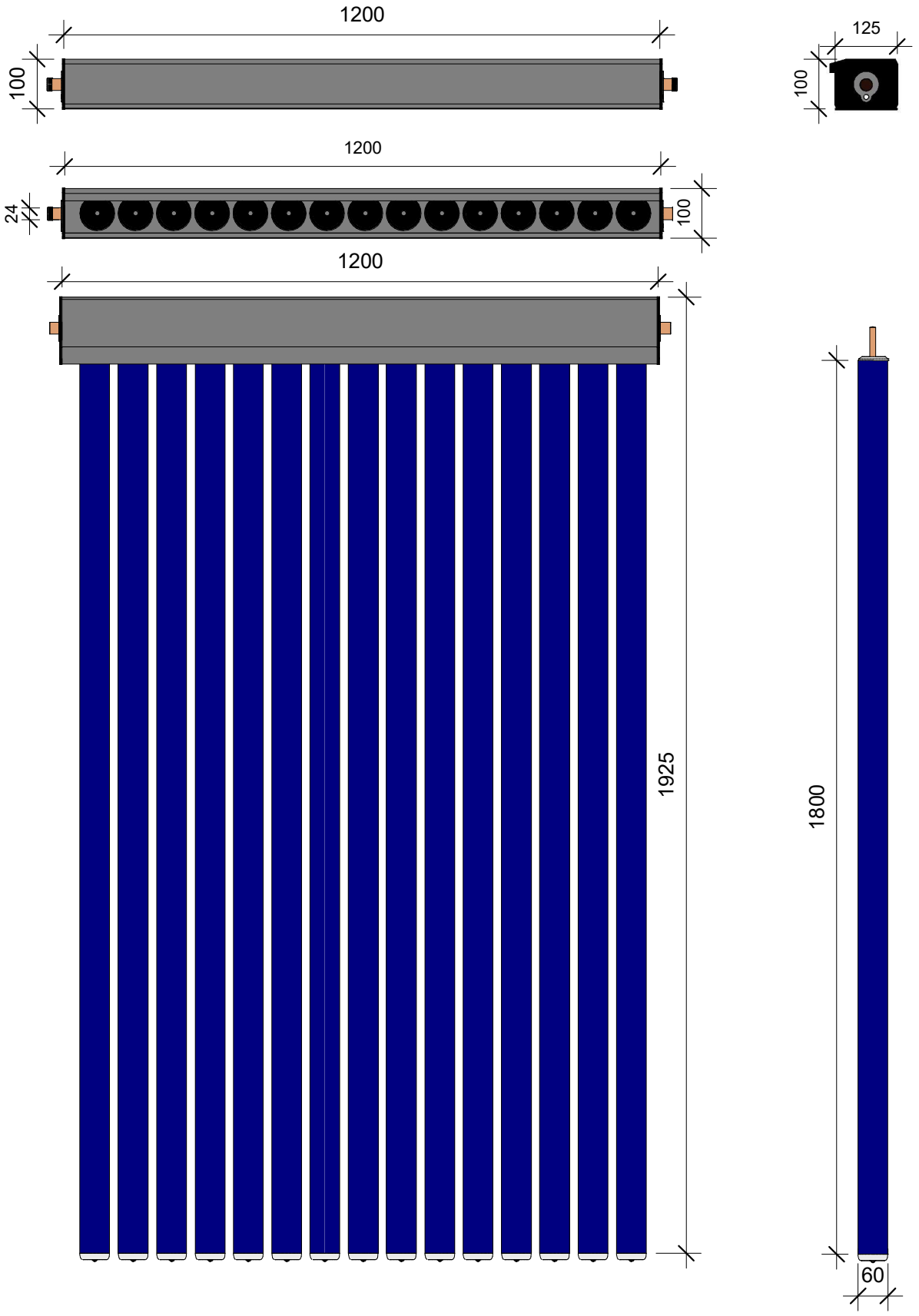


VACCUM TUBE	Length (mm)	1800
	Condenser Size	14 x 64.5 mm
	Thickness of Heat Pipe (mm)	0.65
	Material	Oxygen Free copper (Tu1) Cu+Ag> 99.99% (O2 <16ppm)
	Copper Pipe Dimension	14mm OD x 0.75mm Thick
	Heat Transfer Fluid	Glycol, Water or a Mix of Both
	Maximum Working Temperature (°C)	300
	Startup Temperature (°C)	< 30
	Vacuum (Pa)	<5x10
	Tilt Angle	20-70°
	Horizontal Installation Angle	0 ± 5°
	Heat Transfer Fins	0.2 mm Thick Hot Dipped Aluminum
	Minimum Operating Temperature	-40°C

MANIFOLD	Material	Aluminum Alloy with thickness of 1.5 mm
	Angle	from 20 degree to 50 degree according to the latitude of the country
	Insulation Material	Rockwool with thickness of 45 mm; density=93%
	Size of inlet and outlet	20 mm (inside) and 22 mm (outside);
	Copper Pipe Diameter	35 mm or 38mm
	Copper Pipe Thickness	1 mm

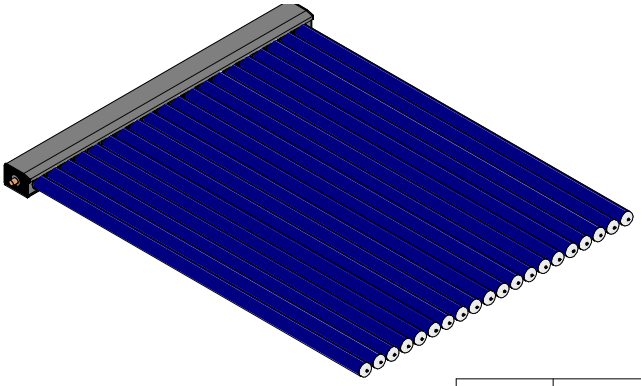
Hydro Solar
Innovative Energy

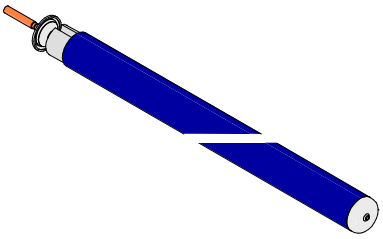
HYDROSOL -VT 5815



Hydro Solar
Innovative Energy

VACCUM TUBE SOLAR COLLECTOR -20 TUBES



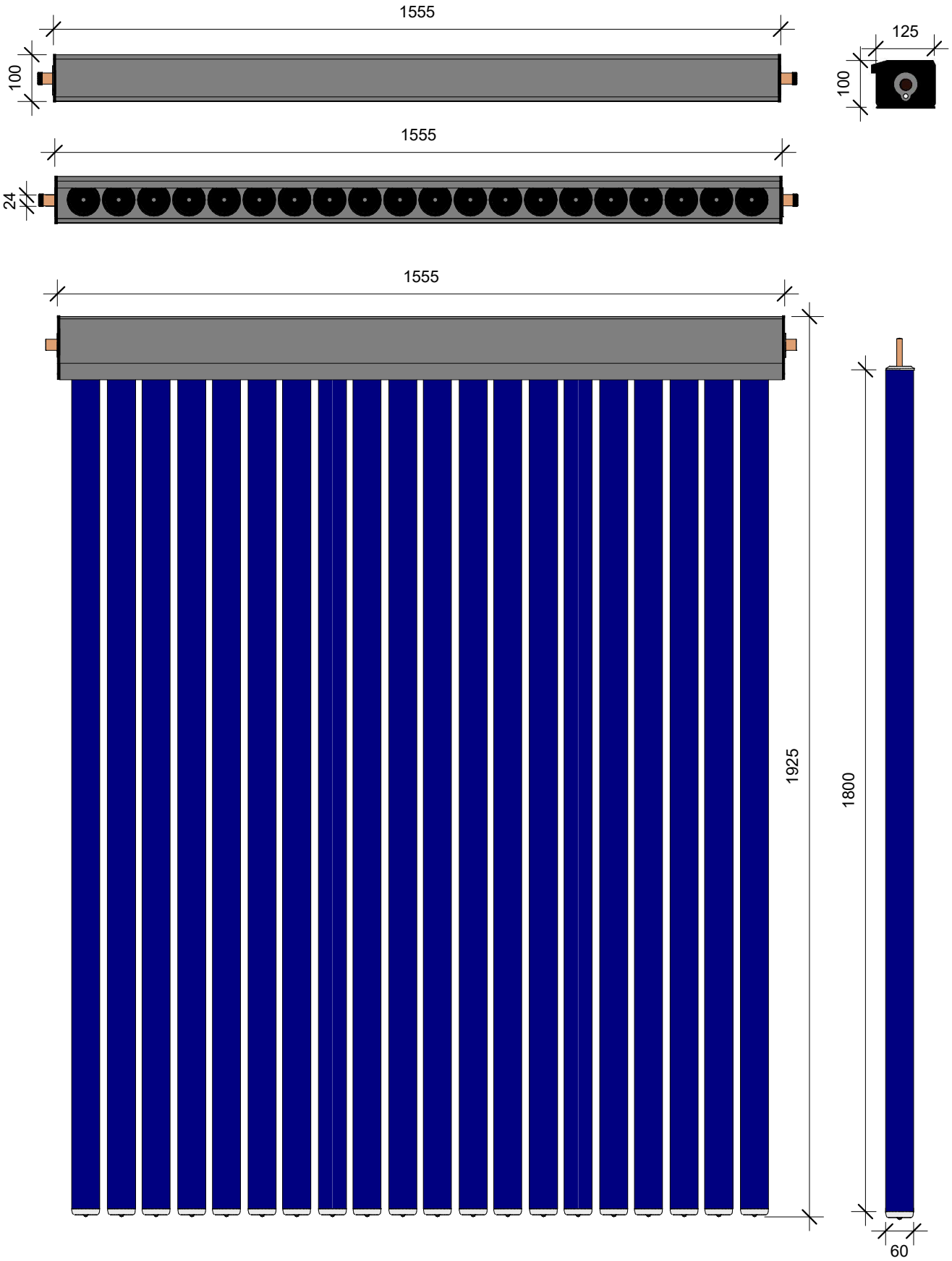


VACCUM TUBE	Length (mm)	1800
	Condenser Size	14 x 64.5 mm
	Thickness of Heat Pipe (mm)	0.65
	Material	Oxygen Free copper (Tu1) Cu+Ag> 99.99% (O2 <16ppm)
	Copper Pipe Dimension	14mm OD x 0.75mm Thick
	Heat Transfer Fluid	Glycol, Water or a Mix of Both
	Maximum Working Temperature (°C)	300
	Startup Temperature (°C)	< 30
	Vacuum (Pa)	<5x10
	Tilt Angle	20-70°
	Horizontal Installation Angle	0 ± 5°
	Heat Transfer Fins	0.2 mm Thick Hot Dipped Aluminum
	Minimum Operating Temperature	-40°C

MANIFOLD	Material	Aluminum Alloy with thickness of 1.5 mm
	Angle	from 20 degree to 50 degree according to the latitude of the country
	Insulation Material	Rockwool with thickness of 45 mm; density=93%
	Size of inlet and outlet	20 mm (inside) and 22 mm (outside);
	Copper Pipe Diameter	35 mm or 38mm
	Copper Pipe Thickness	1 mm

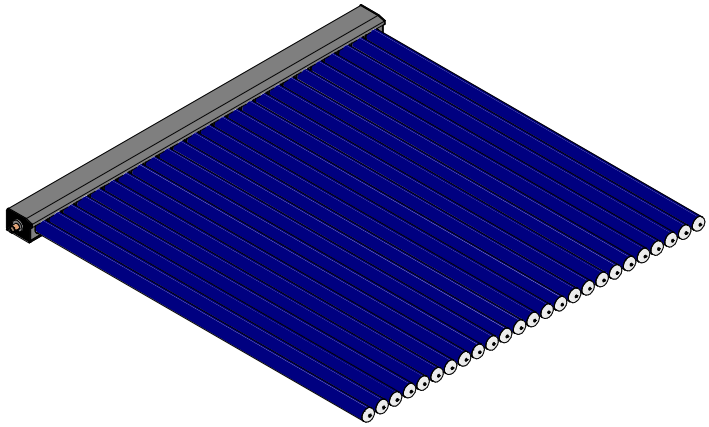
Hydro Solar
Innovative Energy

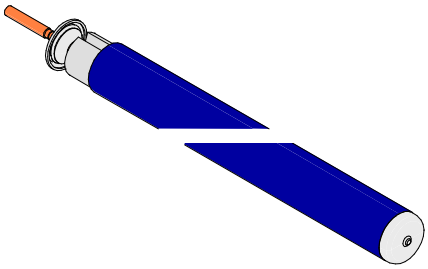
HYDROSOL -VT 5820



Hydro Solar
Innovative Energy

VACCUM TUBE SOLAR COLLECTOR -25TUBES



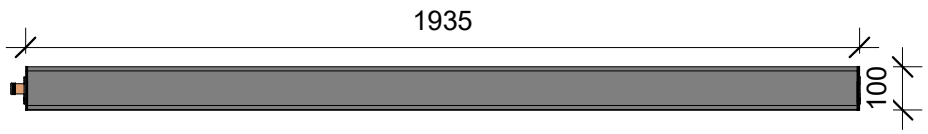


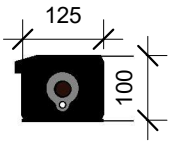
VACCUM TUBE	Length (mm)	1800
	Condenser Size	14 x 64.5 mm
	Thickness of Heat Pipe (mm)	0.65
	Material	Oxygen Free copper (Tu1) Cu+Ag> 99.99% (O2 <16ppm)
	Copper Pipe Dimension	14mm OD x 0.75mm Thick
	Heat Transfer Fluid	Glycol, Water or a Mix of Both
	Maximum Working Temperature (°C)	300
	Startup Temperature (°C)	< 30
	Vacuum (Pa)	<5x10
	Tilt Angle	20-70°
	Horizontal Installation Angle	0 ± 5°
	Heat Transfer Fins	0.2 mm Thick Hot Dipped Aluminum
	Minimum Operating Temperature	-40°C

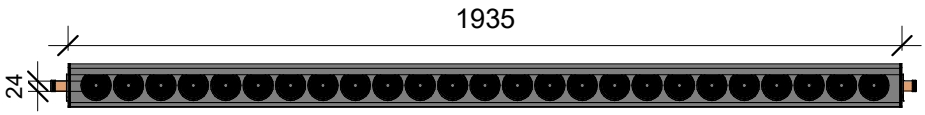
MANIFOLD	Material	Aluminum Alloy with thickness of 1.5 mm
	Angle	from 20 degree to 50 degree according to the latitude of the country
	Insulation Material	Rockwool with thickness of 45 mm; density=93%
	Size of inlet and outlet	20 mm (inside) and 22 mm (outside);
	Copper Pipe Diameter	35 mm or 38mm
	Copper Pipe Thickness	1 mm

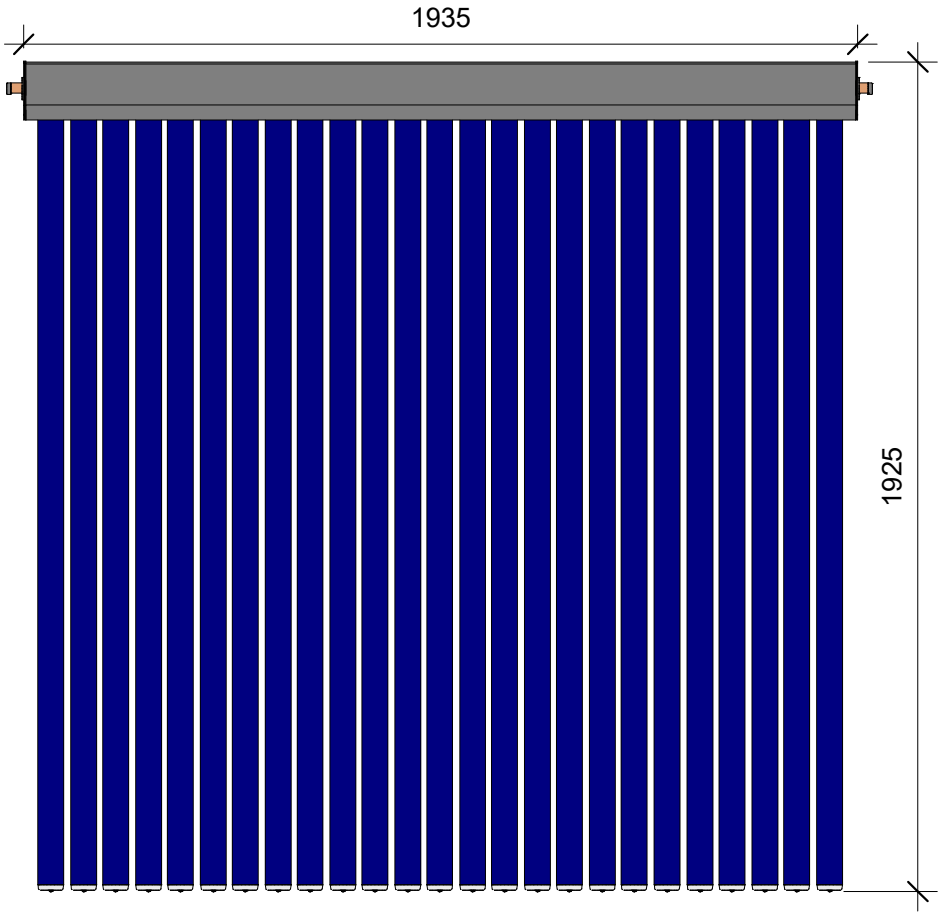
Hydro Solar
Innovative Energy

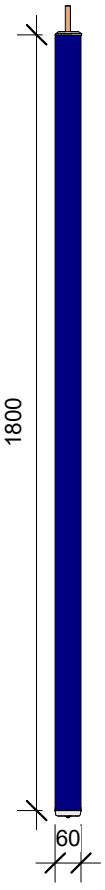
HYDROSOL -VT 5825





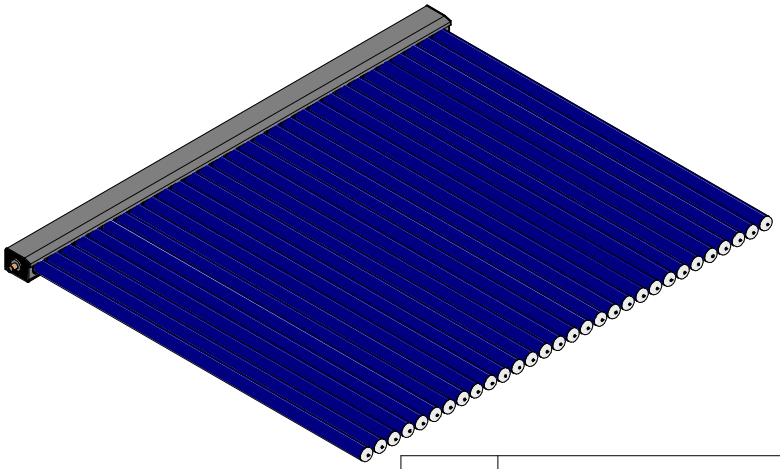


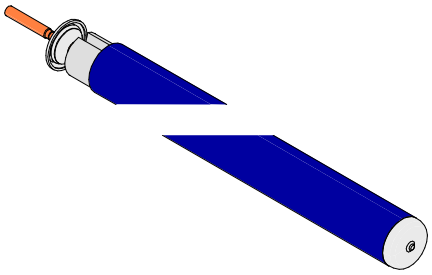


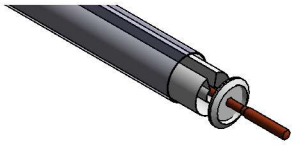


Hydro Solar
Innovative Energy

VACCUM TUBE SOLAR COLLECTOR -30TUBES







VACCUM TUBE	Length (mm)	1800
	Condenser Size	14 x 64.5 mm
	Thickness of Heat Pipe (mm)	0.65
	Material	Oxygen Free copper (Tu1) Cu+Ag> 99.99% (O2 <16ppm)
	Copper Pipe Dimension	14mm OD x 0.75mm Thick
	Heat Transfer Fluid	Glycol, Water or a Mix of Both
	Maximum Working Temperature (°C)	300
	Startup Temperature (°C)	< 30
	Vacuum (Pa)	<5x10
	Tilt Angle	20-70°
	Horizontal Installation Angle	0 ± 5°
	Heat Transfer Fins	0.2 mm Thick Hot Dipped Aluminum
	Minimum Operating Temperature	-40°C

MANIFOLD	Material	Aluminum Alloy with thickness of 1.5 mm
	Angle	from 20 degree to 50 degree according to the latitude of the country
	Insulation Material	Rockwool with thickness of 45 mm; density=93%
	Size of inlet and outlet	20 mm (inside) and 22 mm (outside);
	Copper Pipe Diameter	35 mm or 38mm
	Copper Pipe Thickness	1 mm

Hydro Solar
Innovative Energy

HYDROSOL -VT 5830