



RePG Energy Systems Provide Cooling Water Via Low Temperature Waste Heat Using Its Own Technology.



RePG Cooling Systems

5 kW



15 kW



25 kW



- Zero Emissions
- Automatic Control System (IoT)
- Remote Control and Tracking System (IOS, Android, Iot)
- Easy Setup and Integration
- On-Grid and Off-Grid Connection
- CE Certified

AREAS OF APPLICATION



FACTORIES



GEOHERMAL



SHIP CHIMNEYS & BOILER ROOMS



SITE, CITY BOILER ROOMS



BIOMASS

Latent Heat and Waste Heat Cooling Applications

Geothermal Heat Cooling Applications

Latent Heat and Waste Heat Cooling Applications

Latent Heat and Waste Heat Cooling Applications

Biomass Waste Heat Cooling Applications



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RePG Cooling Systems Technical Data Sheet

Values	5 kW	15 kW	25 kW
Cooling Capacity 15°C	: 5000 W	15 000 W	25 000 W
Cooling Capacity 10°C	: 4000 W	12 000 W	20 000 W
Cooling Capacity 5°C	: 3000 W	9000 W	15 000 W
Cooling Capacity 0°C	: 2000 W	6000 W	10 000 W
Cooling Capacity -5°C	: 1000 W	3000 W	5000 W
Set Temperature Range	: -5 °C to +25°C	-5 °C to +25°C	-5 °C to +25°C
Max. Electrical Power Consumption (No thermal power)	: 2000 W	6000 W	10 000W
Max. Thermal Power Consumption (Min. 90 °C Liquid) (No electrical power)	: 15 000 W	45 000 W	75 000 W
Max. Heating Power	: 20 000 W	60 000 W	100 000 W
Supply Voltage	: 380 VAC ± 10 %	380 VAC ± 10 %	380 VAC ± 10 %
	: 200 VAC ± 10 %	200 VAC ± 10 %	200 VAC ± 10 %
Frequency	: 50/60 Hz	50/60 Hz	50/60 Hz
Temperature Display	: LCD display, resolution 0.1	LCD display, resolution 0.1	LCD display, resolution 0.1
Ambient Temperature	: 5-35 °C	5-35 °C	5-35 °C
Refrigerant	: R 134a (280 g)	R 134a (280 g)	R 134a (280 g)
Temperature Regulation Accuracy	: ± 2 °C	± 1 °C	± 1 °C
Tank Volume	: 8 L	10 L	12 L
Tubing Connection	: 1/2"	1"	2"
Pump Pressure (max.)	: 0.6 bar	0.6 bar	0.6 bar
Flow Rate	: 2.5 L/min	2.5 L/min	2.5 L/min
Compatibility with interface	: RePG Interface	RePG Interface	RePG Interface
Dimension(With x Lenght x Height)	850mm x 850mm x 1450mm	850mm x 850mm x 1450mm	1102mm x1342mm x 1450mm
Weight	: 350 kg	400kg	500kg