

**UN EQUIPO PARA CADA NECESIDAD**

ONE EQUIPMENT FOR EVERY NEED

**TECNOLOGÍA ORC**

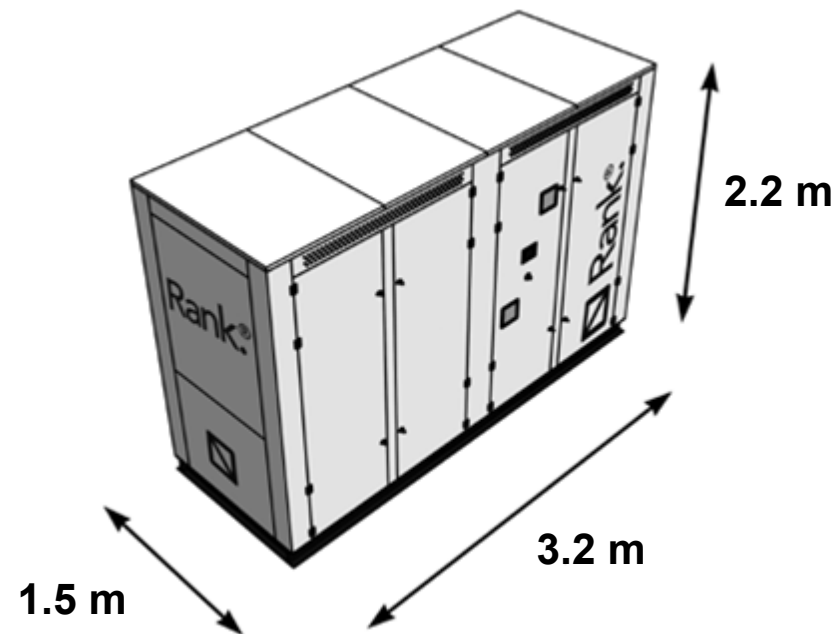
ORC TECHNOLOGY

## Rank LT1 performance

		<i>nominal</i>									
<b>Heat source</b>	<b>Inlet temperature (°C) <sup>(1)</sup></b>	90.0	90.0	100.0	100.0	100.0	110.0	<b>110.0</b>	110.0	120.0	120.0
	<b>Fluid</b>	Water	Water	Water	Water	Water	Water	<b>Water</b>	Water	Water	Water
	<b>Flow rate (m³/h)</b>	17.0	17.0	17.0	17.0	17.0	17.0	<b>17.0</b>	17.0	17.0	17.0
	<b>Thermal power (kWt)</b>	125-135	115-130	165-180	155-170	145-160	215-235	<b>200-225</b>	190-210	225-250	240-265
<b>Heat sink</b>	<b>Inlet temperature (°C) <sup>(2)</sup></b>	20.0	30.0	20.0	30.0	40.0	20.0	<b>30.0</b>	40.0	30.0	40.0
	<b>Fluid</b>	Water	Water	Water	Water	Water	Water	<b>Water</b>	Water	Water	Water
	<b>Flow rate (m³/h)</b>	14.0	14.0	14.0	14.0	14.0	14.0	<b>14.0</b>	14.0	14.0	14.0
	<b>Thermal power (kWt)</b>	95-105	90-100	120-135	115-130	110-125	150-170	<b>145-165</b>	140-160	160-180	175-195
<b>Electrical power</b>	<b>Gross power (kWe)</b>	9.0-10.0	7.5-8.0	13.0-14.5	11.0-12.5	9.0-10.0	17.5-19.5	<b>16.0-17.5</b>	13.5-15.0	19.0-21.0	18.5-20.5
	<b>Net power (kWe)</b>	8.5-9.5	7.0-7.5	12.0-13.5	10.5-11.5	8.5-9.0	16.5-18.0	<b>14.5-16.5</b>	12.5-14.0	17.0-19.0	17.0-18.5

(1) The output temperature in the heat source for the nominal operating conditions is 100°C (a temperature difference of 10°C). For all other operating conditions, the outlet temperature should be obtained using the provided thermal power.

(2) The output temperature in the heat sink for the nominal operating conditions is 40°C (a temperature difference of 10°C). For all other operating conditions, the flow rate should be adjusted in order to obtain the same temperature difference (10°C).



### Reference standards:

- CE Low voltage Directive 2006/95/EC
- Machinery Directive 2006/42/EC
- Electromagnetic Compatibility Directive 2004/108/EC
- Pressurized Equipment Directive 2014/68/EC
- ENA ER G59/3
- ASME B31.1 – Power Piping Code, Mechanical
- ASME B31.3 – Process Piping Code
- Receiver complies with ASME Boiler and Pressure Vessel Code Section VIII
- Built in accordance with UL 508A- Control Panel Wiring
- Sound pressure tested in accordance with EN/ISO 3744:2010

### Connections:

Heat source: 2 ISO flanges DN80 PN16  
Heat sink: 2 ISO flanges DN65 PN16  
Electrical: 400V 50Hz 3ph  
Data: Ethernet RJ45