

**UN EQUIPO PARA CADA NECESIDAD**

ONE EQUIPMENT FOR EVERY NEED

**TECNOLOGÍA ORC**

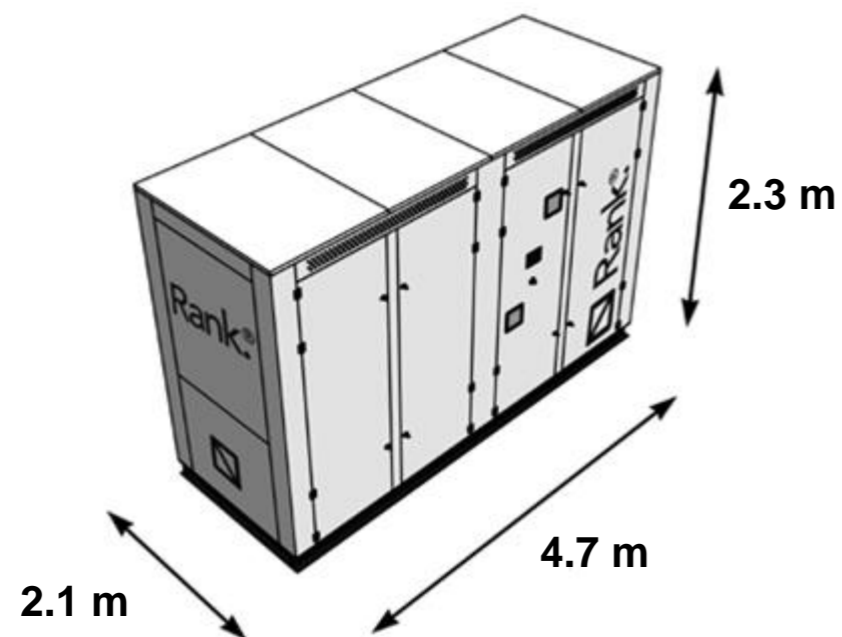
ORC TECHNOLOGY

## Rank HTC2 performance

		<b>nominal</b>									
<b>Heat source</b>	<b>Inlet temperature (°C) <sup>(1)</sup></b>	180.0	180.0	190.0	190.0	190.0	200.0	<b>200.0</b>	200.0	210.0	210.0
	<b>Fluid</b>	Thermal oil	Thermal oil	Thermal oil	Thermal oil	Thermal oil	Thermal oil	<b>Thermal oil</b>	Thermal oil	Thermal oil	Thermal oil
	<b>Flow rate (m³/h)</b>	27.0	27.0	27.0	27.0	27.0	27.0	<b>27.0</b>	27.0	27.0	27.0
	<b>Thermal power (kWt)</b>	625-690	675-745	695-765	745-820	795-880	765-845	<b>820-905</b>	875-965	900-995	845-935
<b>Heat sink</b>	<b>Inlet temperature (°C) <sup>(2)</sup></b>	45.0	55.0	45.0	55.0	65.0	45.0	<b>55.0</b>	65.0	55.0	65.0
	<b>Fluid</b>	Water	Water	Water	Water	Water	Water	<b>Water</b>	Water	Water	Water
	<b>Flow rate (m³/h)</b>	40.0	40.0	40.0	40.0	40.0	40.0	<b>40.0</b>	40.0	40.0	40.0
	<b>Thermal power (kWt)</b>	465-515	500-560	500-555	545-605	585-650	545-605	<b>585-650</b>	630-700	630-700	605-670
<b>Electrical power</b>	<b>Gross power (kWe)</b>	52.0-58.0	52.5-58.5	60.5-67.5	61.5-68.5	62.0-68.5	70.0-77.5	<b>71.5-79.5</b>	72.5-80.5	82.5-91.5	72.0-80.0
	<b>Net power (kWe)</b>	44.5-49.5	43.5-48.5	51.5-57.5	51.0-56.5	49.0-54.5	59.0-65.5	<b>58.5-65.0</b>	57.0-63.0	66.5-74.0	57.0-63.5

(1) The output temperature in the heat source for the nominal operating conditions is 140°C (a temperature difference of 60°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 70°C (a temperature difference of 15°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 DN100 PN16  
Electrical: 400V 50Hz 3ph  
Data: Ethernet RJ45