

UN EQUIPO PARA CADA NECESIDAD

ONE EQUIPMENT FOR EVERY NEED

TECNOLOGÍA ORC

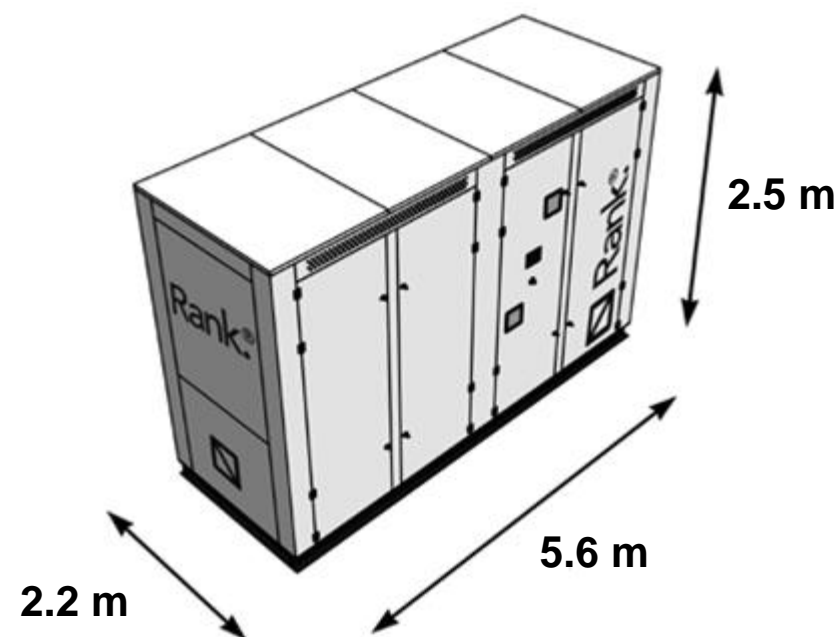
ORC TECHNOLOGY

Rank LT3 performance

								nominal			
Heat source	Inlet temperature (°C) ⁽¹⁾	90.0	90.0	100.0	100.0	100.0	110.0	110.0	110.0	120.0	120.0
	Fluid	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
	Flow rate (m ³ /h)	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
Thermal power (kWt)		550-605	515-570	670-740	685-755	640-710	815-900	830-915	845-930	1000-1105	940-1040
Heat sink	Inlet temperature (°C) ⁽²⁾	20.0	30.0	20.0	30.0	40.0	20.0	30.0	40.0	30.0	40.0
	Fluid	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
	Flow rate (m ³ /h)	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
Thermal power (kWt)		405-450	390-430	480-535	500-555	480-535	570-630	590-660	615-685	695-775	670-745
Electrical power	Gross power (kWe)	33.0-36.5	24.5-27.0	45.5-51.0	41.5-46.5	30.5-34.0	60.0-67.0	57.0-63.5	51.5-57.5	74.5-82.5	63.0-70.0
	Net power (kWe)	31.5-35.0	23.0-25.5	43.5-48.0	39.0-43.5	28.5-31.5	56.5-63.0	53.0-59.0	47.5-53.0	69.0-76.5	58.0-64.5

(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 DN150 PN16
Heat sink: 2 ISO flanges DN150 PN16
Electrical: 400V 50Hz 3ph
Data: Ethernet RJ45