

UN EQUIPO PARA CADA NECESIDAD

ONE EQUIPMENT FOR EVERY NEED

TECNOLOGÍA ORC

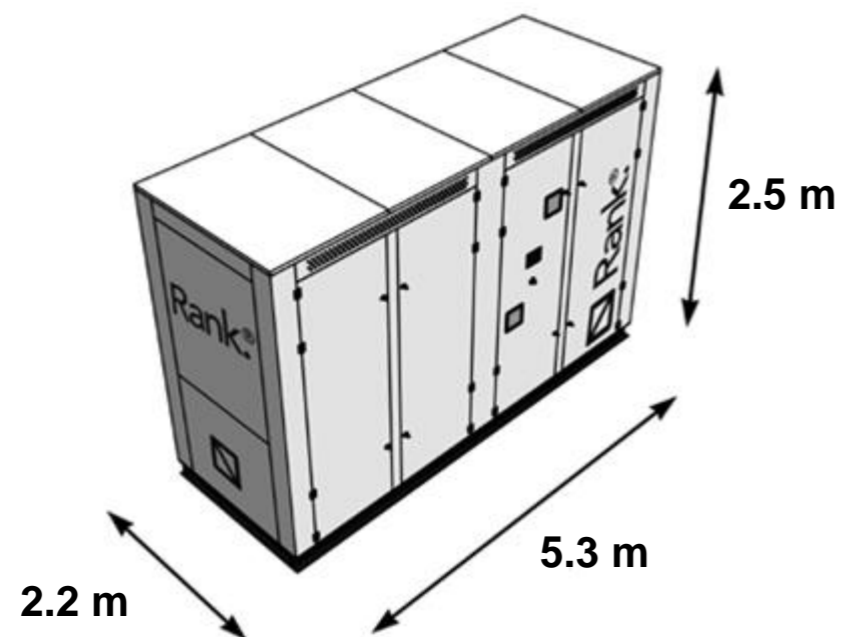
ORC TECHNOLOGY

Rank HT3 performance

		nominal									
Heat source	Inlet temperature (°C) ⁽¹⁾	150.0	150.0	160.0	160.0	160.0	170.0	170.0	170.0	180.0	180.0
	Fluid	Thermal oil	Thermal oil	Thermal oil	Thermal oil	Thermal oil	Thermal oil	Thermal oil	Thermal oil	Thermal oil	Thermal oil
	Flow rate (m³/h)	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
	Thermal power (kWt)	835-925	915-1010	925-1020	1005-1110	1095-1210	1015-1125	1105-1220	1200-1325	1210-1340	1150-1270
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 (m³/h)	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
	Thermal power (kWt)	590-655	655-725	640-710	705-785	780-870	695-770	760-845	840-935	820-910	790-880
Electrical power	Gross power (kWe)	80.5-89.0	83.5-92.5	92.5-103.0	96.5-107.5	99.5-110.5	105.5-117.5	111.0-123.5	115.0-128.0	126.5-140.5	113.5-126.0
	Net power (kWe)	72.0-80.0	73.0-81.0	82.5-91.5	84.0-93.5	84.0-93.0	93.5-103.5	95.5-106.5	96.0-107.0	108.0-120.0	95.5-106.5

(1) The output temperature in the heat source for the nominal operating conditions is 130°C (a temperature difference of 40°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 DN100 PN16
Heat sink: 2 ISO flanges DN150 PN16
Electrical: 400V 50Hz 3ph
Data: Ethernet RJ45