

AIR-TO-WATER INVERTER HEAT PUMP

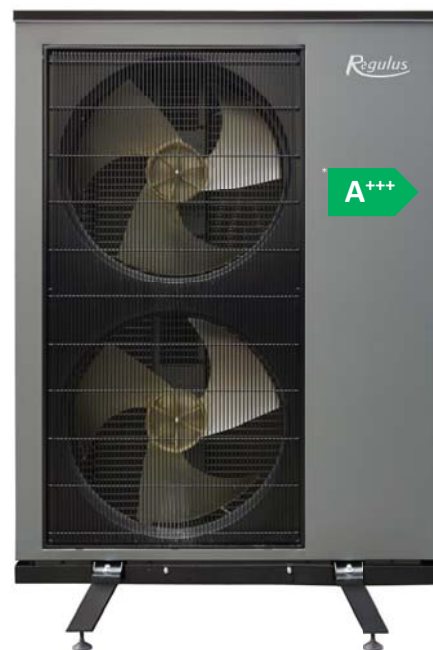
RTC 20e

Three-phase inverter air-to-water heat pump permitting reversible cooling mode. It extracts heat from the ambient air even if the temperature drops to -25° C. The maximum flow temperature is 55° C.

The advantage of an inverter heat pump is the adjustment of the power to the actual requirements of the house with regard to space heating, DHW heating or space cooling through a suitable cooling system, e.g. ceiling, wall or floor heating / cooling, or ventilation.

Another advantage is the low starting current, so that the heat pump can be installed even in areas where there is a connection problem (more remote areas, end-points in municipalities, etc.).

- Cooling mode possible
- SCOP 4.84
- Energy efficiency class with controller A+++
- To be combined w. three-phase PV systems



**Energy Efficiency Class for the set with controller under average climate conditions for low-temperature application*

TECHNICAL DATA

RTC 20e

Heat output			[kW]	9.2-18.5
Seasonal coefficient of performance SCOP			[-]	4.84
Air/water temperature in °C	A7/W35 low rpm	Heat output	[kW]	9.19
		Power input	[kW]	1.83
		COP	[-]	5.02
	A2/W35 medium rpm	Heat output	[kW]	12.09
		Power input	[kW]	2.84
		COP	[-]	4.26
	A-7/W35 high rpm	Heat output	[kW]	12.57
		Power input	[kW]	3.94
		COP	[-]	3.19
Dimensions and weight		Width	[mm]	1082
		Height	[mm]	1624
		Depth	[mm]	513
		Weight	[kg]	154
Sound power level			[dB(A)]	61
Sound pressure level at distance of:		5 m	[dB(A)]	39
		10 m	[dB(A)]	33
Code			[-]	19439

RTC 20e heat pump is supplied without circulation pumps. It shall be installed exclusively either with CSE IR pump stations (see page 24) or with RegulusBOX indoor unit (see page 18).