

Recommendation

1 Off **NR-550** Air-cooled chiller capable of providing **550 kW** cooling at nominal conditions

Features & Benefits

Robust design - Specifically designed for demanding process cooling applications

Ecodesign compliant - all models fully comply with ErP2021 - SEPR HT (EU) 2016/2281 - SEPR MT (EU) 2015/1095

Wide operating range - operates in ambient temperatures from +45°C down to -10°C with cooling fluid supply temperatures between +20°C and -10°C

Shell & tube evaporator - a robust solution providing greater dependability compared to more traditional designs

Triple independent refrigeration circuits - provides additional resilience & greater peace of mind



*above image is for illustrative purposes only

Technical Specification - NR-550

Performance Data

Nominal Cooling Capacity(1)	550	kW
Nominal Power Consumption(1)	TBA	kW
EER(1)	TBA	kW/kW

Operating Limits

Minimum/Maximum Cooling Fluid Flow Rate	54/126	m ³ /hr
---	--------	--------------------

Electrical Data

Power Supply	400/3/50	V/ph/Hz
Power Connection - Hard Wired	120 mm ² cables	
Maximum Running Current	361	A
Maximum Starting Current	768	A
IP Rating	IP54	

Cooling Circuit

Refrigerant / Compressor Type	R410A/Scroll
Number of Compressors / Circuits / Fans	6/3/6

Hydraulic Circuit

Nominal Cooling Fluid Flow Rate(1)	97.2	m ³ /hr
Nominal Evaporator Pressure Drop(1)	TBA	kPa
Connections	4"	Camlock

Physical Data

Length	4,305	mm
Width	2,100	mm
Height	2,280	mm
Operating Weight	4,170	kg
Sound Pressure Level @ 10m(2)	63	dB(A)

(1) Performance data based on operating conditions of +7°C cooling fluid outlet temperature / +12°C cooling fluid inlet temperature / +30°C ambient temperature

(2) Sound pressure at 10m average value obtained in a free field on a reflecting plane at a distance of 10m from the unit, non binding value calculated from the sound power level. Sound power taken in compliance with ISO 9614.