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ACR-KT-1650 – Technical Specifications – Rental cooling tower



Quick overview

Process Temperature Ambient Temperature Sound Level



Optionally accessories

Cold Water Tubes

Ext. Pump Module

Electrical Cables

Remote Monitoring



Different requirements and applications can be provided on request!

Technical specifications:

*Cooling capacity	kW	1650
Capacity control	Stepless	
Power input	kW	30
Voltage	V/Hz/Ph	400/50/3
Operating current	A	55
Electrical connection	Socket	CEE63A
** Fuse protection	A	63A
** Cable recommendation	mm ²	16
Flow rate	m ³ /h	179,0
Volume of evaporated water	m ³ /h	2,46
Needed pressure at nozzles	bar	0,41
Water inlet	Flange	DN125 / PN16
Water outlet	Flange	DN200 / PN10
Rinse water amount	Zoll	½
Overflow	Zoll	2
Drain	Zoll	2
Replenishment	Zoll	¾
Sound power (DIN ISO 3744)	dB(A)	76
Transport weight (Cooling Tower)	kg	3000
Transport weight (Silencer)	kg	600
Transport weight (Frame)	kg	1500
Transport weight (Total)	kg	5100
Dimensions (incl. silencer)	mm (l x w x h)	7850 x 2045 x 4517

* Design conditions: Cooling water temperatures 36/28°, ambient / wet-bulb temperature 21°C

** On-Site power installation should be entrusted to an electrical specialist.

Technical description:

Open evaporation cooler with induced draft radial fans. The unit is used for cooling of excess, process or condenser heat. Air intake is at the front, and air exhaust is above. The cooling tower is executed in a modular design and can be extended by several equipment modules. For example, 2 modules = 3300kW cooling capacity. Extensive optional accessories are available. Please speak to us!