

Aircooled liquid chillers AHA series, with Oil Free Turbocor compressors, Economizer, Flooded evaporator, condenser with copper tubes and aluminium finned core and axial EC fans - R134a

Turbocore Line	Model	245	320	380	385	520	580	630	700	760	840	1140
NOMINAL COOLING CAPACITY (1)	kW	245	320	380	380	520	580	630	700	760	840	1140
MINIMUM COOLING CAPACITY	kW	140,0	140,0	176,0	140,0	140,0	140,0	176,0	176,0	176,0	140,0	176,0
EER (1)	kW/kW	3,43	3,27	3,38	3,27	3,43	3,38	3,35	3,31	3,38	3,32	3,38
NOMINAL WATER FLOW	m ³ /h	42,1	55,0	65,4	65,4	89,4	99,8	108,4	120,4	130,7	144,5	196,1
COMPRESSORS TYPE	Type	TT300	TT300	TT350	TT300	TT300	TT300	TT350	TT350	TT350	TT300	TT350
COMPRESSORS QUANTITY	nr.	1	1	1	2	2	2	2	2	2	3	3
WITH ECONOMIZER		YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
EVAPORATOR TYPE	Type	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded
FANS QUANTITY (Axial EC Fans)	nr.	4	6	6	6	8	10	10	10	12	12	18
TOTAL ELECTRIC DATA												
TOTAL POWER INPUT (1)	kW	71,5	97,9	112,5	116,2	151,7	171,5	187,9	211,6	225,1	253,2	337,6
TOTAL RUNNING CURRENT (1)	A	114,1	155,0	182,9	187,6	241,3	272,1	308,0	344,5	365,8	401,2	548,7
MAXIMUM ABSORBED CURRENT (F.L.A.)	A	155	164	239	299	309	319	469	469	479	464	718
ELECTRIC FEED	V/Ph/Hz	400/3/50										
DIMENSIONS AND WEIGHT												
LENGTH	mm	2910	4210	4210	4210	5510	6810	6810	6810	8110	8110	12010
WIDTH	mm	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210
HEIGHT	mm	2470	2470	2470	2470	2470	2470	2470	2470	2470	2470	2470
WEIGHT EMPTY	kg	2600	4400	4400	4700	6400	6900	6900	7000	7800	7800	11700

The manufacturer reserves the right to modify specifications without notice.

Updated on 10/10/2014

Data referred to:

(1) Inlet/Outlet water temperature = +12/+7 °C - Condenser air temperature = +35°C; fouling factor = 0.000018 m²K/W.

NOTE:

- Pump and tank options available on request