



Watercooled liquid chillers AHW series, with Oil Free Turbocor compressors, Flooded evaporator, Shell and Tube condenser - R134a

Turbocore Line	Model	260	280	315	420	440	520	530	630	780	875	880	945	1040	1140	1260	1310	1320	1560
NOMINAL COOLING CAPACITY (1)	kW	260	280	315	420	439	520	530	630	780	878	880	945	1040	1140	1260	1317	1320	1560
MINIMUM COOLING CAPACITY	kW	120,0	120,0	120,0	120,0	150,0	175,0	120,0	120,0	150,0	150,0	175,0	120,0	150,0	315,0	120,0	150,0	175,0	175,0
EER (1)	kW/kW	5,48	5,31	4,90	5,67	5,10	5,23	5,44	4,90	5,46	5,10	5,69	4,90	5,23	5,76	4,90	5,10	5,69	5,23
NOMINAL WATER FLOW - EVAPORATOR	m3/h	44,7	48,2	54,2	72,2	75,5	89,4	91,2	108,4	134,2	151,0	151,4	162,5	178,9	196,1	216,7	226,5	227,0	268,3
NOMINAL WATER FLOW - CONDENSER	m3/h	52,9	57,2	65,2	85,0	90,3	106,5	107,9	130,5	158,7	180,6	178,0	195,7	213,1	230,2	261,0	271,0	267,0	319,6
COMPRESSORS TYPE	Type	TT300	TT300	TT300	TT300	TT350	TT400	TT300	TT300	TT350	TT350	TT400	TT300	TT400	TT500	TT300	TT350	TT400	TT400
COMPRESSORS QUANTITY	nr.	1	1	1	2	1	1	2	2	2	2	2	3	2	2	4	3	3	3
EVAPORATOR TYPE	Type	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded	Flooded
TOTAL ELECTRIC DATA																			
TOTAL POWER INPUT (1)	kW	47,5	52,7	64,3	74,1	86,1	99,4	97,4	128,6	142,7	172,3	154,7	192,9	198,7	198,1	257,2	258,4	232,1	298,1
TOTAL RUNNING CURRENT (1)	A	76,8	84,6	102,0	123,4	140,8	156,8	157,3	204,1	236,5	281,6	246,8	306,1	313,6	314,5	408,2	422,5	370,2	470,5
MAXIMUM ABSORBED CURRENT (F.L.A.)	A	135	135	135	270	210	170	270	270	420	420	340	405	340	340	540	630	510	510
ELECTRIC FEED	V/Ph/Hz	400/3/50																	
DIMENSIONS AND WEIGHT																			
LENGTH	mm	2800	2800	2800	3600	3600	3600	3600	3600	3600	4000	4000	4400	4400	4400	5000	5000	5700	5700
WIDTH	mm	1150	1150	1150	1150	1150	1300	1300	1300	1300	1600	1600	1600	1600	1600	1600	1600	1600	1600
HEIGHT	mm	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2400	2400	2400	2400	2400	2400	2400
WEIGHT EMPTY	kg	2100	2200	2300	2800	2800	3000	3400	3800	4000	4500	4500	5000	5100	5200	5800	6200	6500	7200

The manufacturer reserves the right to modify specifications without notice.

Updated on 07/10/2014

Data referred to:

(1) Evaporator Inlet/Outlet water temperature = +12/+7 °C - Condenser Inlet/Outlet water temperature = +30°C/+35°C;