TEAM
AIR POWER

EWB SERIES

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DISCOVER HITEMA® CUSTOMIZED APPLICATIONS

choose your customized configuration






ENR/ENRF SERIES
1,6kW ÷ 440kW

CSE SERIES
30kW ÷ 377kW

CFT SERIES
7,9kW ÷ 410kW

ENR-IR SERIES
8kW ÷ 200kW

ENRC SERIES
7,4kW ÷ 375kW

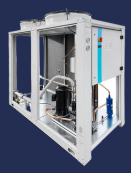
HNR SERIES
14kW ÷ 95kW
15kW ÷ 104kW

UNTIL 400KW









ENW SERIES
3,8kW ÷ 424kW

CFTW SERIES
50kW ÷ 371kW

HFTW SERIES
100kW ÷ 400kW
80kW ÷ 370kW

SBS-HP SERIES
61,2kW - 81,4kW - 105,8kW

HFT SERIES
16kW ÷ 345kW

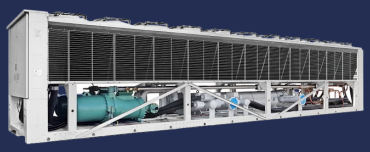
CFTC SERIES
50kW ÷ 370kW

MTC SERIES
8kW ÷ 430kW

CUSTOMIZED FOR YOU

with more than 100 OPTIONS available it is easy to customized your Chillers





SBS/SBSF SERIES
SBSF-OPT SERIES
94kW ÷ 1288kW

SBS-MC SERIES
95kW ÷ 180kW

NOVA/NOVAF SERIES
266kW ÷ 2136kW

DTS/DTSF SERIES NEW
ISV-ISVF SERIES
266kW ÷ 2136kW

EWB SERIES
291kW ÷ 2240kW

UNTIL 3000KW





CWB SERIES
291kW ÷ 2240kW

HBS SERIES
211kW - 750kW

TFW SERIES
250kW ÷ 3000kW

TFV/TFVF SERIES
250kW ÷ 1215kW

PRP/HPRP SERIES
130kW ÷ 520kW
55kW ÷ 330kW

HYD SERIES
400L ÷ 5000L

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EWB SERIES

Water-cooled liquid Chillers
Open cabinet with compact footprint
IP54 protection rating
Suitable for OUTDOOR installation

SERIES: EWB	DATE: 29/09/2021
CODE: TTD-EWB-00	UPDATE: -
CHECKED BY	M. Burba

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TEAM AIR POWER

EWB

TABLE 1/4

Watercooled liquid chillers EWB series, scew compressors, R134a / R513a refrigerant (R1234ze on request), 1 shell and tube evaporator, shell and tube condensers, electronic expansion valves, 50-75-100% partition steps per compressor, open cabinet and compact design to fit in narrow spaces. Electrical feed 400V/3ph/50Hz (60Hz version as option), IP54 protection rating, chillers suitable for indoor / outdoor installation.

Types of available condensing temperature control system:
No one condensing temperature control system (standard)
PCC2 = 2 ways valve/s on water side, regulated by condensing pressure
PCC3 = 3 ways valve/s on water side, regulated by condensing pressure

Type of compressors starting method:
PW = Part-Winding
Y-D = Star-Delta

TECHNICAL DATA

PERFORMANCES		Model	1_300	1_350	1_400	1_460	1_570	1_630	1_720	1_770
NOMINAL COOLING CAPACITY	W 12°C/7°C EVAPORATOR SIDE W 30/35°C CONDENSER SIDE (1)	kW	302,5	344,6	408,2	476,5	550,4	625,5	673,2	736,9
NOMINAL HEATING CAPACITY (4)		kW	367,8	419,0	495,3	573,8	663,7	753,5	818,9	893,4
TOTAL NOMINAL ABSORBED POWER		kW	65,3	74,4	87,0	97,4	113,3	128,0	145,7	156,5
EER		kW/kW	4,63	4,63	4,69	4,89	4,86	4,89	4,62	4,71
COP (4)		kW/kW	5,63	5,63	5,69	5,89	5,86	5,89	5,62	5,71
SEPR (HT) (10)		-	7,03	7,03	8,01	8,02	8,04	8,05	8,02	8,06
NOMINAL WATER FLOW, EVAPORATOR SIDE (TOTAL)		m3/h	51,9	59,1	70,0	81,7	94,4	107,3	115,4	126,4
NOMINAL WATER FLOW, CONDENSER SIDE (EACH)		m3/h	63,1	71,8	84,9	98,4	113,8	129,2	140,4	153,2
MECHANICAL MODE PRESSURE DROPS, EVAPORATOR SIDE (3)		kPa	69,7	80,0	62,0	63,3	50,3	73,6	54,2	51,6
MECHANICAL MODE PRESSURE DROPS, CONDENSER SIDE (5)		kPa	28,6	46,9	29,8	42,5	46,0	54,0	46,9	49,2
NOMINAL COOLING CAPACITY	W 12°C/7°C EVAPORATOR SIDE W 40/45°C CONDENSER SIDE (2)	kW	266,0	303,0	359,0	419,0	484,0	550,0	592,0	648,0
NOMINAL HEATING CAPACITY (4)		kW	344,0	391,8	462,9	535,2	619,2	702,8	765,9	834,8
TOTAL NOMINAL ABSORBED POWER		kW	78,0	88,8	103,9	116,2	135,2	152,8	173,9	186,8
EER		kW/kW	3,41	3,41	3,46	3,61	3,58	3,60	3,40	3,47
COP (4)		kW/kW	4,41	4,41	4,46	4,61	4,58	4,60	4,40	4,47
NOMINAL WATER FLOW, EVAPORATOR SIDE (TOTAL)		m3/h	45,6	52,0	61,6	71,9	83,0	94,3	101,5	111,1
NOMINAL WATER FLOW, CONDENSER SIDE (EACH)		m3/h	59,0	67,2	79,4	91,8	106,2	120,5	131,3	143,2
MECHANICAL MODE PRESSURE DROPS, EVAPORATOR SIDE (3)		kPa	53,9	61,9	47,9	48,9	38,9	56,9	41,9	39,9
MECHANICAL MODE PRESSURE DROPS, CONDENSER SIDE (5)		kPa	25,0	41,0	26,0	37,0	40,0	47,0	41,0	43,0
FRIGORIFIC SECTION										
COMPRESSORS / REFRIGERATING CIRCUITS / CONDENSERS		nr.	1/1/1	1/1/1	1/1/1	1/1/1	1/1/1	1/1/1	1/1/1	1/1/1
COMPRESSORS STARTING METHOD		-	PW	PW	Y-D	Y-D	Y-D	Y-D	Y-D	Y-D
HYDRAULIC SECTION (6)										
WATER FLOW RANGE, EVAPORATOR SIDE (TOTAL)		m3/h	32÷64	36÷73	43÷86	63÷126	73÷140	85÷160	85÷160	97÷195
WATER FLOW RANGE, CONDENSER SIDE (EACH)		m3/h	36÷80	36÷80	50÷120	50÷120	55÷135	75÷145	75÷165	75÷180
HYDRAULIC CONNECTIONS, EVAPORATOR SIDE (VICTAULIC)		DN	100	100	100	125	125	150	150	150
HYDRAULIC CONNECTIONS, CONDENSER SIDE (FLANGED)		DN	100	100	125	125	125	150	150	150
TOTAL ELECTRIC DATA										
MAXIMUM ABSORBED CURRENT (F.L.A)		A	196,0	214,0	280,0	310,0	320,0	360,0	413,0	477,0
MAXIMUM PEAK CURRENT (L.R.A) (9)		A	943,0	1023,0	1364,0	1442,0	1853,0	2029,0	2520,0	2870,0
MAXIMUM PEAK CURRENT WITH SOFT START (OPTION SF) (L.R.A) (9)		A	754,4	818,4	1091,2	1153,6	1482,4	1623,2	2016,0	2296,0
NOISE DATA (7)										
SOUND PRESSURE FOR STANDARD CONFIGURATION		dB(A)	64,1	64,5	65,4	65,7	66,6	67,5	68,3	68,9
SOUND PRESSURE FOR LOW NOISE CONFIGURATION (OPTION LNJ)		dB(A)	59,1	59,5	60,4	60,7	61,6	62,5	63,3	63,9
DIMENSIONS AND WEIGHT										
LENGTH		mm	3500	3500	4150	4150	4600	4600	4600	4600
WIDTH		mm	1400	1400	1600	1600	1900	1900	1900	1900
HEIGHT		mm	2050	2050	2050	2050	2300	2300	2300	2300
WEIGHT EMPTY FOR STANDARD CONFIGURATION (5) (8)		kg	1900	1950	2195	2230	2575	2630	2735	2775
WEIGHT OPERATIVE FOR STANDARD CONFIGURATION (5) (8)		kg	2050	2100	2500	2550	2960	3040	3180	3230

The manufacturer reserves the right to modify specifications without notice.

Last update: 11/03/2021
Revision: 01-2021

Data referred to:

(1) Data referred to inlet/outlet water temperatures: evaporator side = +12/+7 °C (fluid = Water), condenser side = +30/35°C (fluid = Water)

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(3) Pressure drops taken in account: heat exchanger, valves, piping

(4) Water cooled chillers can be used as not reversible heat pumps, this kind of application must be indicated in the order

(5) Data referred to standard chiller configuration (no one condensing temperature control system), with different condensing temperature control system this data will change

(6) You can match an hydromodule with this chiller:

(7) Sound pressure level referred to measures according to normative ISO3744, pressure level at distance of 10 m, referred to free field on reflecting surface

(8) Weight will be confirmed in case of order

(9) Data referred to standard compressors starting method, with different starting method this data will change

(10) SEPR: data comply with the European Regulation (EU) 2016/2281, referring to high temperature process chillers in the configuration with brazed plate or shell and tube evaporator and without pump. Any added option that modify cooling capacity or absorbed power of the chiller will not be considered in the SEPR value

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EWB

TABLE 2/4

Watercooled liquid chillers EWB series, scew compressors, R134a / R513a refrigerant (R1234ze on request), 1 shell and tube evaporator, shell and tube condensers, electronic expansion valves, 50-75-100% partition steps per compressor, open cabinet and compact design to fit in narrow spaces. Electrical feed 400V/3ph/50Hz (60Hz version as option), IP54 protection rating, chillers suitable for indoor / outdoor installation.

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No one condensing temperature control system (standard)
PCC2 = 2 ways valve/s on water side, regulated by condensing pressure
PCC3 = 3 ways valve/s on water side, regulated by condensing pressure

Type of compressors starting method:
PW = Part-Winding
Y-D = Star-Delta

TECHNICAL DATA

PERFORMANCES		Model	2_300	2_350	2_400	2_460	2_570	2_630	2_720	2_860
NOMINAL COOLING CAPACITY	W 12°C/7°C EVAPORATOR SIDE W 30/35°C CONDENSER SIDE (1)	kW	280,9	330,2	385,5	439,0	548,1	605,0	689,1	816,5
NOMINAL HEATING CAPACITY (4)		kW	340,5	404,0	469,1	534,1	664,4	735,7	837,9	990,6
TOTAL NOMINAL ABSORBED POWER		kW	59,7	73,7	83,6	95,2	116,3	130,7	148,8	174,1
EER		kW/kW	4,71	4,48	4,61	4,61	4,71	4,63	4,63	4,69
COP (4)		kW/kW	5,71	5,48	5,61	5,61	5,71	5,63	5,63	5,69
SEPR (HT) (10)		-	7,06	7,02	7,01	8,05	8,00	8,04	8,06	8,06
NOMINAL WATER FLOW, EVAPORATOR SIDE (TOTAL)		m3/h	48,2	56,6	66,1	75,3	94,0	103,7	118,2	140,0
NOMINAL WATER FLOW, CONDENSER SIDE (EACH)		m3/h	29,2	34,6	40,2	45,8	57,0	63,1	71,8	84,9
MECHANICAL MODE PRESSURE DROPS, EVAPORATOR SIDE (3)		kPa	65,8	69,7	81,3	68,4	71,0	69,7	56,8	72,3
MECHANICAL MODE PRESSURE DROPS, CONDENSER SIDE (5)		kPa	29,8	37,6	42,3	32,0	28,6	34,3	50,3	29,8
NOMINAL COOLING CAPACITY	W 12°C/7°C EVAPORATOR SIDE W 40/45°C CONDENSER SIDE (2)	kW	247,0	290,4	339,0	386,0	482,0	532,0	606,0	718,0
NOMINAL HEATING CAPACITY (4)		kW	318,2	378,4	438,8	499,6	620,8	688,0	783,6	925,8
TOTAL NOMINAL ABSORBED POWER		kW	71,2	88,0	99,8	113,6	138,8	156,0	177,6	207,8
EER		kW/kW	3,47	3,30	3,40	3,40	3,47	3,41	3,41	3,46
COP (4)		kW/kW	4,47	4,30	4,40	4,40	4,47	4,41	4,41	4,46
NOMINAL WATER FLOW, EVAPORATOR SIDE (TOTAL)		m3/h	42,4	49,8	58,1	66,2	82,7	91,2	103,9	123,1
NOMINAL WATER FLOW, CONDENSER SIDE (EACH)		m3/h	27,3	32,4	37,6	42,8	53,2	59,0	67,2	79,4
MECHANICAL MODE PRESSURE DROPS, EVAPORATOR SIDE (3)		kPa	50,9	53,9	62,9	52,9	54,9	53,9	43,9	55,9
MECHANICAL MODE PRESSURE DROPS, CONDENSER SIDE (5)		kPa	26,0	33,0	37,0	28,0	25,0	30,0	44,0	26,0
FRIGORIFIC SECTION										
COMPRESSORS / REFRIGERATING CIRCUITS / CONDENSERS		nr.	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2
COMPRESSORS STARTING METHOD		-	PW	PW	PW	PW	PW	PW	PW	Y-D
HYDRAULIC SECTION (6)										
WATER FLOW RANGE, EVAPORATOR SIDE (TOTAL)		m3/h	32÷59	39÷78	45÷91	52÷103	58÷116	71÷142	81÷162	96÷192
WATER FLOW RANGE, CONDENSER SIDE (EACH)		m3/h	20÷40	20÷45	20÷50	32÷60	35÷80	35÷80	35÷80	50÷120
HYDRAULIC CONNECTIONS, EVAPORATOR SIDE (VICTAULIC)		DN	100	100	100	125	125	150	150	150
HYDRAULIC CONNECTIONS, CONDENSER SIDE (FLANGED)		DN	2 x 80	2 x 80	2 x 80	2 x 100	2 x 100	2 x 100	2 x 100	2 x 125
TOTAL ELECTRIC DATA										
MAXIMUM ABSORBED CURRENT (F.L.A)		A	216,0	248,0	288,0	324,0	364,0	392,0	428,0	560,0
MAXIMUM PEAK CURRENT (L.R.A) (9)		A	616,0	609,0	729,0	848,0	983,0	1139,0	1237,0	1644,0
MAXIMUM PEAK CURRENT WITH SOFT START (OPTION SF) (L.R.A) (9)		A	514,4	512,0	612,0	710,8	822,8	950,4	1032,4	1371,2
NOISE DATA (7)										
SOUND PRESSURE FOR STANDARD CONFIGURATION		dB(A)	63,7	62,7	62,9	62,6	68,4	67,1	67,5	68,4
SOUND PRESSURE FOR LOW NOISE CONFIGURATION (OPTION LNJ)		dB(A)	58,7	57,7	57,9	57,6	63,4	62,1	62,5	63,4
DIMENSIONS AND WEIGHT										
LENGTH		mm	3900	4200	4450	4450	4700	4700	5000	5200
WIDTH		mm	1600	1600	1700	1700	1700	1700	1700	1850
HEIGHT		mm	2050	2050	2100	2100	2200	2200	2200	2350
WEIGHT EMPTY FOR STANDARD CONFIGURATION (5) (8)		kg	1570	2070	2240	2300	3300	3360	4000	4950
WEIGHT OPERATIVE FOR STANDARD CONFIGURATION (5) (8)		kg	1700	2200	2370	2490	3530	3590	4450	5210

The manufacturer reserves the right to modify specifications without notice.

Last update: 11/03/2021
Revision: 01-2021

Data referred to:

(1) Data referred to inlet/outlet water temperatures: evaporator side = +12/+7 °C (fluid = Water), condenser side = +30/35°C (fluid = Water)
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(7) Sound pressure level referred to measures according to normative ISO3744, pressure level at distance of 10 m, referred to free field on reflecting surface
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(9) Data referred to standard compressors starting method, with different starting method this data will change
(10) SEPR: data comply with the European Regulation (EU) 2016/2281, referring to high temperature process chillers in the configuration with brazed plate or shell and tube evaporator and without pump. Any added option that modify cooling capacity or absorbed power of the chiller will not be considered in the SEPR value

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Type of compressors starting method:
PW = Part-Winding
Y-D = Star-Delta

TECHNICAL DATA

PERFORMANCES		Model	2_990	2_1140	2_1290	2_1400	2_1500
NOMINAL COOLING CAPACITY	W 12°C/7°C EVAPORATOR SIDE W 30/35°C CONDENSER SIDE (1)	kW	953,0	1100,8	1250,9	1346,4	1473,8
NOMINAL HEATING CAPACITY (4)		kW	1147,7	1327,3	1506,9	1637,8	1786,8
TOTAL NOMINAL ABSORBED POWER		kW	194,7	226,5	256,0	291,4	313,0
EER		kW/kW	4,89	4,86	4,89	4,62	4,71
COP (4)		kW/kW	5,89	5,86	5,89	5,62	5,71
SEPR (HT) (10)		-	8,01	8,04	8,02	8,04	8,05
NOMINAL WATER FLOW, EVAPORATOR SIDE (TOTAL)		m3/h	163,4	188,8	214,5	230,9	252,7
NOMINAL WATER FLOW, CONDENSER SIDE (EACH)		m3/h	98,4	113,8	129,2	140,4	153,2
MECHANICAL MODE PRESSURE DROPS, EVAPORATOR SIDE (3)		kPa	72,3	94,2	72,3	86,5	94,2
MECHANICAL MODE PRESSURE DROPS, CONDENSER SIDE (5)		kPa	25,3	32,2	33,3	30,9	33,2
NOMINAL COOLING CAPACITY	W 12°C/7°C EVAPORATOR SIDE W 40/45°C CONDENSER SIDE (2)	kW	838,0	968,0	1100,0	1184,0	1296,0
NOMINAL HEATING CAPACITY (4)		kW	1070,4	1238,4	1405,6	1531,8	1669,6
TOTAL NOMINAL ABSORBED POWER		kW	232,4	270,4	305,6	347,8	373,6
EER		kW/kW	3,61	3,58	3,60	3,40	3,47
COP (4)		kW/kW	4,61	4,58	4,60	4,40	4,47
NOMINAL WATER FLOW, EVAPORATOR SIDE (TOTAL)		m3/h	143,7	166,0	188,6	203,0	222,2
NOMINAL WATER FLOW, CONDENSER SIDE (EACH)		m3/h	91,8	106,2	120,5	131,3	143,2
MECHANICAL MODE PRESSURE DROPS, EVAPORATOR SIDE (3)		kPa	55,9	72,9	55,9	66,9	72,9
MECHANICAL MODE PRESSURE DROPS, CONDENSER SIDE (5)		kPa	22,0	28,0	29,0	27,0	29,0
FRIGORIFIC SECTION							
COMPRESSORS / REFRIGERATING CIRCUITS / CONDENSERS		nr.	2/2/2	2/2/2	2/2/2	2/2/2	2/2/2
COMPRESSORS STARTING METHOD		-	Y-D	Y-D	Y-D	Y-D	Y-D
HYDRAULIC SECTION (6)							
WATER FLOW RANGE, EVAPORATOR SIDE (TOTAL)		m3/h	120÷224	129÷258	147÷294	142÷285	156÷311
WATER FLOW RANGE, CONDENSER SIDE (EACH)		m3/h	60÷140	70÷155	70÷175	80÷200	90÷200
HYDRAULIC CONNECTIONS, EVAPORATOR SIDE (VICTAULIC)		DN	200	200	200	200	200
HYDRAULIC CONNECTIONS, CONDENSER SIDE (FLANGED)		DN	2 x 125	2 x 150	2 x 150	2 x 150	2 x 150
TOTAL ELECTRIC DATA							
MAXIMUM ABSORBED CURRENT (F.L.A)		A	620,0	640,0	720,0	826,0	954,0
MAXIMUM PEAK CURRENT (L.R.A) (9)		A	1752,0	2173,0	2389,0	2933,0	3347,0
MAXIMUM PEAK CURRENT WITH SOFT START (OPTION SF) (L.R.A) (9)		A	1463,6	1802,4	1983,2	2429,0	2773,0
NOISE DATA (7)							
SOUND PRESSURE FOR STANDARD CONFIGURATION		dB(A)	68,7	69,6	70,5	71,3	71,9
SOUND PRESSURE FOR LOW NOISE CONFIGURATION (OPTION LNJ)		dB(A)	63,7	64,6	65,5	66,3	66,9
DIMENSIONS AND WEIGHT							
LENGTH		mm	5200	5200	5200	5400	5400
WIDTH		mm	1850	2000	2000	2000	2000
HEIGHT		mm	2350	2450	2450	2450	2450
WEIGHT EMPTY FOR STANDARD CONFIGURATION (5) (8)		kg	5060	5400	5480	5700	5870
WEIGHT OPERATIVE FOR STANDARD CONFIGURATION (5) (8)		kg	5410	5760	6050	6320	6540

Last update: 11/03/2021
Revision: 01-2021

Data referred to:

(1) Data referred to inlet/outlet water temperatures: evaporator side = +12/+7 °C (fluid = Water), condenser side = +30/35°C (fluid = Water)

(2) Data referred to inlet/outlet water temperatures: evaporator side = +12/+7 °C (fluid = Water), condenser side = +40/45°C (fluid = Water)

(3) Pressure drops taken in account: heat exchanger, valves, piping

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TEAM AIR POWER

EWB

TABLE 4/4

Watercooled liquid chillers EWB series, scew compressors, R134a / R513a refrigerant (R1234ze on request), 1 shell and tube evaporator, shell and tube condensers, electronic expansion valves, 50-75-100% partition steps per compressor, open cabinet and compact design to fit in narrow spaces. Electrical feed 400V/3ph/50Hz (60Hz version as option), IP54 protection rating, chillers suitable for indoor / outdoor installation.

Types of available condensing temperature control system:
No one condensing temperature control system (standard)
PCC2 = 2 ways valve/s on water side, regulated by condensing pressure
PCC3 = 3 ways valve/s on water side, regulated by condensing pressure

Type of compressors starting method:
PW = Part-Winding
Y-D = Star-Delta

TECHNICAL DATA

PERFORMANCES		**Model**	**3_1690**	**3_1900**	**3_2050**	**3_2200**
NOMINAL COOLING CAPACITY	W 12°C/7°C EVAPORATOR SIDE W 30/35°C CONDENSER SIDE (1)	kW	1651,2	1876,4	2016,2	2210,7
NOMINAL HEATING CAPACITY (4)		kW	1991,0	2260,4	2453,3	2680,2
TOTAL NOMINAL ABSORBED POWER		kW	339,8	384,0	437,1	469,5
EER		kW/kW	4,86	4,89	4,61	4,71
COP (4)		kW/kW	5,86	5,89	5,61	5,71
SEPR (HT) (10)		-	8,50	8,57	-	-
NOMINAL WATER FLOW, EVAPORATOR SIDE (TOTAL)		m3/h	283,1	321,8	345,7	379,1
NOMINAL WATER FLOW, CONDENSER SIDE (EACH)		m3/h	113,8	129,2	140,2	153,2
MECHANICAL MODE PRESSURE DROPS, EVAPORATOR SIDE (3)		kPa	88,6	86,5	90,8	101,1
MECHANICAL MODE PRESSURE DROPS, CONDENSER SIDE (5)		kPa	32,2	33,3	30,9	33,2
NOMINAL COOLING CAPACITY	W 12°C/7°C EVAPORATOR SIDE W 40/45°C CONDENSER SIDE (2)	kW	1452,0	1650,0	1773,0	1944,0
NOMINAL HEATING CAPACITY (4)		kW	1857,6	2108,4	2294,7	2504,4
TOTAL NOMINAL ABSORBED POWER		kW	405,6	458,4	521,7	560,4
EER		kW/kW	3,58	3,60	3,40	3,47
COP (4)		kW/kW	4,58	4,60	4,40	4,47
NOMINAL WATER FLOW, EVAPORATOR SIDE (TOTAL)		m3/h	249,0	282,9	304,0	333,4
NOMINAL WATER FLOW, CONDENSER SIDE (EACH)		m3/h	106,2	120,5	131,2	143,2
MECHANICAL MODE PRESSURE DROPS, EVAPORATOR SIDE (3)		kPa	68,5	66,9	70,2	78,2
MECHANICAL MODE PRESSURE DROPS, CONDENSER SIDE (5)		kPa	28,0	29,0	27,0	29,0
FRIGORIFIC SECTION						
COMPRESSORS / REFRIGERATING CIRCUITS / CONDENSERS		nr.	3/3/3	3/3/3	3/3/3	3/3/3
COMPRESSORS STARTING METHOD		-	Y-D	Y-D	Y-D	Y-D
HYDRAULIC SECTION (6)						
WATER FLOW RANGE, EVAPORATOR SIDE (TOTAL)		m3/h	214÷427	217÷433	238÷476	261÷521
WATER FLOW RANGE, CONDENSER SIDE (EACH)		m3/h	70÷155	70÷175	80÷200	90÷200
HYDRAULIC CONNECTIONS, EVAPORATOR SIDE (VICTAULIC)		DN	250	250	250	250
HYDRAULIC CONNECTIONS, CONDENSER SIDE (FLANGED)		DN	3 x 150	3 x 150	3 x 150	3 x 150
TOTAL ELECTRIC DATA						
MAXIMUM ABSORBED CURRENT (F.L.A)		A	960,0	1080,0	1239,0	1431,0
MAXIMUM PEAK CURRENT (L.R.A) (9)		A	2493,0	2749,0	3346,0	3824,0
MAXIMUM PEAK CURRENT WITH SOFT START (OPTION SF) (L.R.A) (9)		A	2122,4	2343,2	2842,0	3250,0
NOISE DATA (7)						
SOUND PRESSURE FOR STANDARD CONFIGURATION		dB(A)	71,4	72,3	73,1	73,7
SOUND PRESSURE FOR LOW NOISE CONFIGURATION (OPTION LNJ)		dB(A)	66,4	67,3	68,1	68,7
DIMENSIONS AND WEIGHT						
LENGTH		mm	5950	5950	5950	5950
WIDTH		mm	2210	2210	2210	2210
HEIGHT		mm	2450	2450	2450	2450
WEIGHT EMPTY FOR STANDARD CONFIGURATION (5) (8)		kg	7340	7640	7740	7910
WEIGHT OPERATIVE FOR STANDARD CONFIGURATION (5) (8)		kg	7890	8365	8610	8860

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Data referred to:

(1) Data referred to inlet/outlet water temperatures: evaporator side = +12/+7 °C (fluid = Water), condenser side = +30/35°C (fluid = Water)

(2) Data referred to inlet/outlet water temperatures: evaporator side = +12/+7 °C (fluid = Water), condenser side = +40/45°C (fluid = Water)

(3) Pressure drops taken in account: heat exchanger, valves, piping

(4) Water cooled chillers can be used as not reversible heat pumps, this kind of application must be indicated in the order

(5) Data referred to standard chiller configuration (no one condensing temperature control system), with different condensing temperature control system this data will change

(6) You can match an hydromodule with this chiller:

(7) Sound pressure level referred to measures according to normative ISO3744, pressure level at distance of 10 m, referred to free field on reflecting surface

(8) Weight will be confirmed in case of order

(9) Data referred to standard compressors starting method, with different starting method this data will change

(10) SEPR: data comply with the European Regulation (EU) 2016/2281, referring to high temperature process chillers in the configuration with brazed plate or shell and tube evaporator and without pump. Any added option that modify cooling capacity or absorbed power of the chiller will not be considered in the SEPR value

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