

# NGW 0500H-2600H

## PRELIMINARY

## Reversible water-cooled heat pump, gas side

Cooling capacity 106,9 ÷ 744,8 kW

- Production of hot water up to 60 °C
- Installation versatility also for geothermal applications.
- Options of 1 or 2 pumps on both source and user side.
- Reversible in heat pump on refrigerant circuit.



### DESCRIPTION

Water-water offering chilled/hot water, designed to meet air conditioning needs in residential/commercial complexes or industrial applications. Indoor units with hermetic scroll compressors and plate heat exchangers. The base, the structure and the panels are made of galvanized steel treated with polyester paint RAL 9003.

### VERSIONS

L Standard silenced

### FEATURES

#### Operating field

Full load functioning with production of chilled water from -2 to 20 °C, with the possibility of also producing water at negative temperatures down to -10 °C at the evaporator and hot water at the condenser up to 60 °C. (for more information, refer to the technical documentation).

#### Compressors

The compressors, optimised for low compression ratios in tandem and trio two-circuit configuration, ensure high efficiency especially at part loads, enabling them to exceed the minimum seasonal energy efficiency requirements for the design of low energy systems in both winter and summer.

#### Dual-circuit unit

The units are two-circuit to ensure continuity of operation in case one of the circuits fails.

#### Option integrated hydronic kit, source and user side

The hydronic kit includes the main hydraulic components and is available in different configurations with one or two pumps, both on the evaporator and condenser side, in order to have a cost-saving solution that also facilitates final installation.

#### Refrigerant HFC R32

Thanks to the R32 refrigerant (A2L slightly flammable), the environmental impact of the units is significantly reduced. Combining a reduced refrigerant load with a low global warming potential (GWP), these units boast low equivalent CO<sub>2</sub> values. The range NGW 0500H-2600H is designed to be installed indoors. The unit is fitted with:

- Leak detector and safety valves with exchange isolation valve as standard
  - Electrical control board completely separate from compressor compartment
  - Only the version with hood and improved ventilation is available
- The machine is suitable for indoor installation in the machinery room and complies with the requirements of EN 378-3.

#### Electronic expansion valve

The possibility to use electronic expansion valve, offers significant benefits, especially when the chiller is working with partial loads, increasing the energy seasonal efficiency of the unit.

#### CONTROL

Microprocessor control, complete with a 6-button multifunction keypad for simple and intuitive navigation between the various screens, making it possible to edit the operating parameters and fully manage alarms and their history.

- The presence of a programmable timer allows functioning time periods and a possible second set-point to be set.
- The temperature control takes place with the integral proportional logic, based on the water output temperature.

## CONFIGURATOR

Field	Description
<b>1,2,3</b>	<b>NGW</b>
<b>4,5,6,7</b>	<b>Size</b> 0500, 0550, 0600, 0650, 0700, 0750, 0800, 0900, 1000, 1200, 1400, 1500, 1600, 1800, 2000, 2200, 2450, 2600
<b>8</b>	<b>Operating field</b>
X	Electronic thermostatic expansion valve (1)
Z	Low temperature electronic thermostatic valve (2)
<b>9</b>	<b>Model (3)</b>
H	Reversible heat pump, gas side
<b>10</b>	<b>Evaporator</b>
°	Standard
<b>11</b>	<b>Heat recovery</b>
°	Without heat recovery
D	With desuperheater
<b>12</b>	<b>Power supply</b>
°	400V ~ 3 50Hz with magnet circuit breakers
<b>13,14</b>	<b>Hydronic kit integrated on chilled water utility side</b>
00	Without hydronic kit
	<b>Pump n° 1 pump + stand-by pump</b>
DA	Pump A + stand-by pump (4)
DB	Pump B + stand-by pump (4)
DC	Pump C + stand-by pump (4)
DD	Pump D + stand-by pump (5)
DE	Pump E + stand-by pump (5)
DF	Pump F + stand-by pump (5)
DG	Pump G + stand-by pump (5)
	<b>Kit with n° 1 pump</b>
PA	Pump A (4)
PB	Pump B (4)
PC	Pump C (4)
PD	Pump D (5)
PE	Pump E (5)
PF	Pump F (5)
PG	Pump G (5)
<b>15,16</b>	<b>Integrated hydronic kit, source side</b>
00	Without hydronic kit
	<b>Kit with n° 1 inverter pump to fixed speed</b>
IA	Pump A equipped with inverter device to work at fixed speed (4)
IB	Pump B equipped with inverter device to work at fixed speed (4)
IC	Pump C equipped with inverter device to work at fixed speed (4)
ID	Pump D equipped with inverter device to work at fixed speed (5)
IE	Pump E equipped with inverter device to work at fixed speed (5)
IF	Pump F equipped with inverter device to work at fixed speed (5)
IG	Pump G equipped with inverter device to work at fixed speed (5)
	<b>Kit with n° 1 inverter pump + stand-by pump to fixed speed</b>
JA	Pump A+stand-by pump, both equipped with inverter to work at fixed speed (4)
JB	Pump B+stand-by pump, both equipped with inverter to work at fixed speed (4)
JC	Pump C+stand-by pump, both equipped with inverter to work at fixed speed (4)
JD	Pump D+stand-by pump, both equipped with inverter to work at fixed speed (5)
JE	Pump E+stand-by pump, both equipped with inverter to work at fixed speed (5)
JF	Pump F+stand-by pump, both equipped with inverter to work at fixed speed (5)
JG	Pump G+stand-by pump, both equipped with inverter to work at fixed speed (5)
	<b>Kit with n° 1 pump</b>
UA	Pump A (4)
UB	Pump B (4)
UC	Pump C (4)
UD	Pump D (5)
UE	Pump E (5)
UF	Pump F (5)
UG	Pump G (5)
	<b>Pump n° 1 pump + stand-by pump</b>
VA	Pump A + stand-by pump (4)
VB	Pump B + stand-by pump (4)
VC	Pump C + stand-by pump (4)
VD	Pump D + stand-by pump (5)
VE	Pump E + stand-by pump (5)
VF	Pump F + stand-by pump (5)
VG	Pump G + stand-by pump (5)

(1) Water produced from -2 °C ÷ 20 °C

(2) Water produced from -10 °C ÷ 10 °C

(3) Not available for the condenserless "E"

(4) Only for 0500 - 0750 sizes

(5) Only for 0800 - 2600 sizes

## PERFORMANCE SPECIFICATIONS

Size			0500	0550	0600	0650	0700	0750	0800	0900	1000	1200	1400	1500	1600	1800	2000	2200	2450	2600
<b>Cooling performance 12 °C / 7 °C (1)</b>																				
Cooling capacity	L	kW	106,9	116,4	130,9	145,4	160,8	191,8	223,9	252,6	285,1	312,3	361,0	404,6	457,5	500,8	577,9	660,3	702,6	744,8
Input power	L	kW	24,4	27,0	29,9	33,5	37,1	44,1	50,3	57,2	63,8	70,9	81,5	92,5	103,0	114,0	131,9	149,9	161,2	172,5
Cooling total input current	L	A	46,0	50,0	56,0	63,0	69,0	82,0	92,0	102,0	112,0	122,0	139,0	158,0	174,0	193,0	223,0	252,0	271,0	290,0
EER	L	W/W	4,38	4,31	4,38	4,35	4,34	4,35	4,45	4,42	4,47	4,41	4,43	4,37	4,44	4,39	4,38	4,40	4,36	4,32
Water flow rate source side	L	l/h	18426	20063	22562	25076	27732	33067	38572	43524	49125	53826	62214	69745	78844	86337	99627	113849	121168	128487
Pressure drop source side	L	kPa	16	19	20	21	22	22	13	17	14	17	19	23	22	26	28	30	34	39
Water flow rate system side	L	l/h	22326	24364	27308	30389	33611	40075	46643	52670	59358	65159	75247	84484	95277	104479	120601	137650	146680	155709
Pressure drop system side	L	kPa	24	28	30	31	32	32	19	24	21	26	27	35	32	39	41	45	51	57

(1) Date 14511:2022; Water user side 12 °C / 7 °C; Water source side 30 °C / 35 °C

Size			0500	0550	0600	0650	0700	0750	0800	0900	1000	1200	1400	1500	1600	1800	2000	2200	2450	2600
<b>Heating performance 40 °C / 45 °C (1)</b>																				
Heating capacity	L	kW	126,4	138,0	153,7	171,5	190,0	227,1	263,3	297,0	333,9	366,3	423,7	476,8	537,8	590,7	681,5	777,2	829,2	881,3
Input power	L	kW	30,7	34,0	37,6	42,0	46,5	55,3	62,6	70,9	78,9	87,3	100,4	114,0	126,9	140,5	162,6	185,1	199,0	212,9
COP	L	W/W	4,12	4,06	4,09	4,08	4,09	4,11	4,21	4,19	4,23	4,19	4,22	4,18	4,24	4,20	4,19	4,20	4,17	4,14
Water flow rate source side	L	l/h	28052	30528	34060	37975	42099	50383	58691	66163	74575	81647	94630	106330	120340	131981	152159	173698	185081	196474
Pressure drop source side	L	kPa	35	42	43	45	47	48	28	36	31	38	40	51	48	58	61	66	75	85
Water flow rate system side	L	l/h	21693	23680	26365	29413	32585	38951	45214	50979	57336	62886	72744	81824	92305	101349	116928	133335	142221	151113
Pressure drop system side	L	kPa	22	26	27	28	29	29	17	22	19	23	25	31	29	35	37	40	46	52

(1) Date 14511:2022; Water user side 40 °C / 45 °C; Water source side 10 °C / 7 °C

## ENERGY INDICES (REG. 2016/2281 EU)

### Energy index

Size			0500	0550	0600	0650	0700	0750	0800	0900	1000	1200	1400	1500	1600	1800	2000	2200	2450	2600
<b>SEER - 12/7 (EN14825: 2018) (1)</b>																				
SEER	L	W/W	6,17	6,05	6,08	6,10	6,15	6,01	6,51	6,32	6,52	6,25	6,55	6,56	6,54	6,51	6,59	6,56	6,59	6,51
Seasonal efficiency	L	%	243,85	239,18	240,28	240,81	243,00	237,28	257,48	249,97	257,83	247,07	258,84	259,44	258,75	257,48	260,65	259,58	260,66	257,48
<b>UE 813/2013 performance in average ambient conditions (average) - 35 °C - Pdesignh ≤ 400 kW (2)</b>																				
SCOP	L	W/W	5,72	5,85	5,95	5,85	5,78	5,75	6,13	5,99	6,18	6,08	5,97	5,76	5,97	6,02	5,89	6,05	5,87	5,75
ηsh	L	%	221	226	230	226	223	222	237	232	239	235	231	222	231	233	228	234	227	222

(1) Calculation performed with FIXED water flow rate and VARIABLE outlet temperature.

(2) Efficiencies for low temperature applications (35 °C)

## ELECTRIC DATA

### Electric data

Size			0500	0550	0600	0650	0700	0750	0800	0900	1000	1200	1400	1500	1600	1800	2000	2200	2450	2600
<b>Electric data</b>																				
Maximum current (FLA)	L	A	73,0	81,0	89,0	99,0	108,0	127,0	145,0	163,0	181,0	198,0	228,0	258,0	288,0	318,0	367,0	416,0	446,0	476,0
Peak current (LRA)	L	A	239,0	204,0	210,0	265,0	274,0	293,0	359,0	377,0	395,0	412,0	538,0	568,0	598,0	628,0	677,0	726,0	756,0	786,0

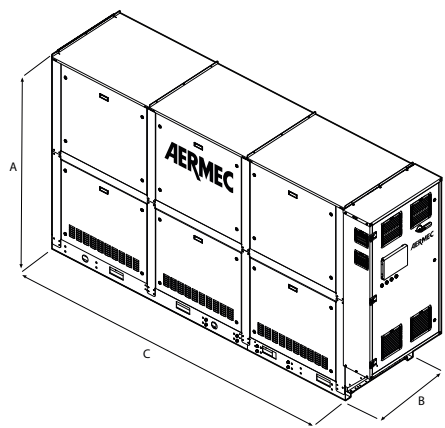
## GENERAL TECHNICAL DATA

### General data

Size			0500	0550	0600	0650	0700	0750	0800	0900	1000	1200	1400	1500	1600	1800	2000	2200	2450	2600
<b>Compressor</b>																				
Type	L	type	Scroll																	
Compressor regulation	L	Type	On-Off																	
Number	L	no.	3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	6	6	6
Circuits	L	no.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Refrigerant	L	type	R32																	
Refrigerant load circuit 1 (1)	L	kg	6,0	6,0	7,0	8,0	9,0	11,0	11,0	11,0	14,0	14,0	15,0	15,0	19,0	19,0	23,0	28,0	28,0	28,0
Refrigerant load circuit 2 (1)	L	kg	6,0	6,0	7,0	8,0	9,0	11,0	11,0	11,0	14,0	14,0	15,0	15,0	19,0	19,0	23,0	28,0	28,0	28,0
<b>Source side heat exchanger</b>																				
Type	L	type	Brazen plate																	
Number	L	no.	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3
Connections (in/out)	L	Type	Grooved joints																	
Size (in)	L	Ø	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"
Size (out)	L	Ø	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"
<b>System side heat exchanger</b>																				
Type	L	type	Brazen plate																	
Number	L	no.	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3
Connections (in/out)	L	Type	Grooved joints																	
Size (in)	L	Ø	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"
Size (out)	L	Ø	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"

(1) The load indicated in the table is an estimated and preliminary value. The final value of the refrigerant load is indicated on the unit's technical label. For further information contact the office.

DIMENSIONS



Dimensions and weights

Size			0500	0550	0600	0650	0700	0750	0800	0900	1000	1200	1400	1500	1600	1800	2000	2200	2450	2600
Dimensions and weights																				
A	L	mm	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
B	L	mm	800	800	800	800	800	850	850	850	850	850	850	850	850	850	900	900	900	900
C	L	mm	2090	2090	2090	2090	2090	2500	2500	2500	2500	2500	2500	2500	2500	2500	3600	3600	3600	3600
Empty weight	L	kg	1025	1085	1100	1120	1145	1205	1335	1395	1495	1540	1635	1700	1835	1900	2305	2525	2585	2645

The weight of the unit does not include the hydronic kit and accessories.

■ For the version with hydronic kit please contact headquarters.

Aermec reserves the right to make any modifications deemed necessary.  
All data is subject to change without notice. Aermec does not assume  
responsibility or liability for errors or omissions.

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# NGW 0500-2600

## Water cooled heat pump reversible water side

Cooling capacity 116,2 ÷ 788,3 kW

- Production of hot water up to 60 °C
- Options of 1 or 2 pumps on both source and user side.
- Reversible on hydraulic side in heat pump



### DESCRIPTION

Water-water offering chilled/hot water, designed to meet air conditioning needs in residential/commercial complexes or industrial applications. Indoor units with hermetic scroll compressors and plate heat exchangers. The base, the structure and the panels are made of galvanized steel treated with polyester paint RAL 9003.

### VERSIONS

L Standard silenced

### FEATURES

#### Operating field

Full load functioning with production of chilled water from -2 to 20 °C, with the possibility of also producing water at negative temperatures down to -10 °C at the evaporator and hot water at the condenser up to 60 °C. (for more information, refer to the technical documentation).

#### Compressors

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#### Dual-circuit unit

The units are two-circuit to ensure continuity of operation in case one of the circuits fails.

#### Option integrated hydronic kit, source and user side

The hydronic kit includes the main hydraulic components and is available in different configurations with one or two pumps, both on the evaporator and condenser side, in order to have a cost-saving solution that also facilitates final installation.

#### Refrigerant HFC R32

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- Leak detector and safety valves with exchange isolation valve as standard
  - Electrical control board completely separate from compressor compartment
  - Only the version with hood and improved ventilation is available
- The machine is suitable for indoor installation in the machinery room and complies with the requirements of EN 378-3.

#### Electronic expansion valve

The possibility to use electronic expansion valve, offers significant benefits, especially when the chiller is working with partial loads, increasing the energy seasonal efficiency of the unit.

#### CONTROL

Microprocessor control, complete with a 6-button multifunction keypad for simple and intuitive navigation between the various screens, making it possible to edit the operating parameters and fully manage alarms and their history.

- The presence of a programmable timer allows functioning time periods and a possible second set-point to be set.
- The temperature control takes place with the integral proportional logic, based on the water output temperature.

## CONFIGURATOR

Field	Description
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<b>4,5,6,7</b>	<b>Size</b> 0500, 0550, 0600, 0650, 0700, 0750, 0800, 0900, 1000, 1200, 1400, 1500, 1600, 1800, 2000, 2200, 2450, 2600
<b>8</b>	<b>Operating field</b>
X	Electronic thermostatic expansion valve (1)
Z	Low temperature electronic thermostatic valve (2)
<b>9</b>	<b>Model</b>
°	Heat pump reversible on the water side
<b>10</b>	<b>Evaporator</b>
°	Standard
E	Evaporating unit
<b>11</b>	<b>Heat recovery</b>
°	Without heat recovery
D	With desuperheater
<b>12</b>	<b>Power supply</b>
°	400V ~ 3 50Hz with magnet circuit breakers
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DC	Pump C + stand-by pump (3)
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DF	Pump F + stand-by pump (4)
DG	Pump G + stand-by pump (4)
	<b>Kit with n° 1 pump</b>
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PC	Pump C (3)
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PF	Pump F (4)
PG	Pump G (4)
<b>15,16</b>	<b>Integrated hydronic kit, source side</b>
00	Without hydronic kit
	<b>Kit with n° 1 inverter pump to fixed speed</b>
IA	Pump A equipped with inverter device to work at fixed speed (3)
IB	Pump B equipped with inverter device to work at fixed speed (3)
IC	Pump C equipped with inverter device to work at fixed speed (3)
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IG	Pump G equipped with inverter device to work at fixed speed (4)
	<b>Kit with n° 1 inverter pump + stand-by pump to fixed speed</b>
JA	Pump A+stand-by pump, both equipped with inverter to work at fixed speed (3)
JB	Pump B+stand-by pump, both equipped with inverter to work at fixed speed (3)
JC	Pump C+stand-by pump, both equipped with inverter to work at fixed speed (3)
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	<b>Kit with n° 1 pump</b>
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UC	Pump C (3)
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	<b>Pump n° 1 pump + stand-by pump</b>
VA	Pump A + stand-by pump (3)
VB	Pump B + stand-by pump (3)
VC	Pump C + stand-by pump (3)
VD	Pump D + stand-by pump (4)
VE	Pump E + stand-by pump (4)
VF	Pump F + stand-by pump (4)
VG	Pump G + stand-by pump (4)

(1) Water produced from -2 °C ÷ 20 °C

(2) Water produced from -10 °C ÷ 10 °C

(3) Only for 0500 - 0750 sizes

(4) Only for 0800 - 2600 sizes

## PERFORMANCE SPECIFICATIONS

Size			0500	0550	0600	0650	0700	0750	0800	0900	1000	1200	1400	1500	1600	1800	2000	2200	2450	2600
<b>Cooling performance 12 °C / 7 °C (1)</b>																				
Cooling capacity	L	kW	116,2	126,2	141,9	157,6	174,2	208,1	242,2	272,5	310,0	333,2	384,9	429,3	487,3	531,0	613,7	702,5	745,5	788,3
Input power	L	kW	23,1	25,8	28,6	32,0	35,4	41,8	48,3	55,2	61,0	68,2	78,4	89,9	99,1	110,7	128,0	144,9	156,9	169,0
Cooling total input current	L	A	46,0	50,0	56,0	63,0	69,0	82,0	92,0	102,0	112,0	122,0	139,0	158,0	174,0	193,0	223,0	252,0	271,0	290,0
EER	L	W/W	5,02	4,90	4,97	4,93	4,92	4,98	5,01	4,94	5,08	4,89	4,91	4,78	4,91	4,79	4,80	4,85	4,75	4,66
Water flow rate source side	L	l/h	23697	25835	28975	32227	35626	42485	49434	55761	63163	68288	78835	88290	99749	109106	126085	144036	153303	162554
Pressure drop source side	L	kPa	26	30	33	33	35	35	23	27	23	28	30	38	36	42	45	49	56	63
Water flow rate system side	L	l/h	20022	21761	24467	27179	30042	35886	41724	46970	53417	57424	66349	74022	83995	91568	105834	121162	128604	136024
Pressure drop system side	L	kPa	18	21	23	23	25	25	15	19	16	20	21	27	25	30	32	35	39	43

(1) Date 14511:2022; Water user side 12 °C / 7 °C; Water source side 30 °C / 35 °C

Size			0500	0550	0600	0650	0700	0750	0800	0900	1000	1200	1400	1500	1600	1800	2000	2200	2450	2600
<b>Heating performance 40 °C / 45 °C (1)</b>																				
Heating capacity	L	kW	131,9	143,7	160,1	178,5	197,8	236,5	274,2	308,7	349,0	383,1	443,0	497,0	561,7	615,5	710,3	810,8	863,4	916,1
Input power	L	kW	29,9	33,2	36,8	41,2	45,6	53,8	61,6	70,1	77,3	86,1	99,0	113,5	125,4	140,0	161,9	183,6	198,6	213,7
COP	L	W/W	4,42	4,32	4,35	4,33	4,34	4,40	4,45	4,41	4,51	4,45	4,47	4,38	4,48	4,40	4,39	4,42	4,35	4,29
Water flow rate system side	L	l/h	22628	24662	27481	30644	33965	40622	47094	53044	59967	65843	76143	85445	96573	105824	122139	139439	148499	157564
Pressure drop system side	L	kPa	23	27	30	31	32	32	21	24	21	25	27	35	33	39	41	45	51	57
Water flow rate source side	L	l/h	29874	32405	36178	40310	44708	53647	62171	69911	79474	87019	100804	112663	128027	139798	161323	184619	196027	207433
Pressure drop source side	L	kPa	41	49	50	52	54	55	33	41	36	44	47	59	56	67	71	77	87	97

(1) Date 14511:2022; Water user side 40 °C / 45 °C; Water source side 10 °C / 7 °C

## ENERGY INDICES (REG. 2016/2281 EU)

### Energy index

Size			0500	0550	0600	0650	0700	0750	0800	0900	1000	1200	1400	1500	1600	1800	2000	2200	2450	2600
<b>SEER - 12/7 (EN14825: 2018) (1)</b>																				
SEER	L	W/W	6,82	6,76	6,81	6,81	6,90	6,70	7,06	6,91	7,22	7,05	7,23	7,21	7,22	7,13	7,05	7,11	7,13	6,96
Seasonal efficiency	L	%	269,85	267,49	269,27	269,33	272,86	264,81	279,40	273,27	285,71	278,89	286,25	285,22	285,69	282,11	279,12	281,53	282,11	275,37
<b>UE 813/2013 performance in average ambient conditions (average) - 35 °C - Pdesignh ≤ 400 kW (2)</b>																				
SCOP	L	W/W	6,33	6,40	6,45	6,43	6,25	6,25	6,63	6,46	6,34	6,58	6,42	6,22	6,44	6,38	6,23	6,23	6,38	6,01
ηsh	L	%	245	248	250	249	242	242	257	251	246	255	249	241	249	247	241	241	247	232

(1) Calculation performed with FIXED water flow rate and VARIABLE outlet temperature.

(2) Efficiencies for low temperature applications (35 °C)

## ELECTRIC DATA

### Electric data

Size			0500	0550	0600	0650	0700	0750	0800	0900	1000	1200	1400	1500	1600	1800	2000	2200	2450	2600
<b>Electric data</b>																				
Maximum current (FLA)	L	A	73,0	81,0	89,0	99,0	108,0	127,0	145,0	163,0	181,0	198,0	228,0	258,0	288,0	318,0	367,0	416,0	446,0	476,0
Peak current (LRA)	L	A	239,0	204,0	210,0	265,0	274,0	293,0	359,0	377,0	395,0	412,0	538,0	568,0	598,0	628,0	677,0	726,0	756,0	786,0

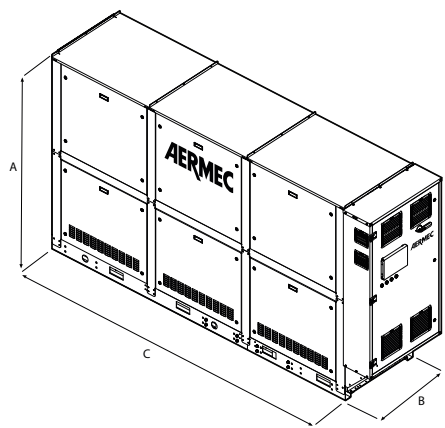
## GENERAL TECHNICAL DATA

### General data

Size			0500	0550	0600	0650	0700	0750	0800	0900	1000	1200	1400	1500	1600	1800	2000	2200	2450	2600
<b>Compressor</b>																				
Type	L	type	Scroll																	
Compressor regulation	L	Type	On-Off																	
Number	L	no.	3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	6	6	6
Circuits	L	no.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Refrigerant	L	type	R32																	
Refrigerant load circuit 1 (1)	L	kg	6,0	6,0	7,0	8,0	9,0	11,0	11,0	11,0	14,0	14,0	15,0	15,0	19,0	19,0	23,0	28,0	28,0	28,0
Refrigerant load circuit 2 (1)	L	kg	6,0	6,0	7,0	8,0	9,0	11,0	11,0	11,0	14,0	14,0	15,0	15,0	19,0	19,0	23,0	28,0	28,0	28,0
<b>Source side heat exchanger</b>																				
Type	L	type	Brazen plate																	
Number	L	no.	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3
Connections (in/out)	L	Type	Grooved joints																	
Size (in)	L	Ø	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"
Size (out)	L	Ø	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"
<b>System side heat exchanger</b>																				
Type	L	type	Brazen plate																	
Number	L	no.	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3
Connections (in/out)	L	Type	Grooved joints																	
Size (in)	L	Ø	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"
Size (out)	L	Ø	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	2" 1/2	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"	4"

(1) The load indicated in the table is an estimated and preliminary value. The final value of the refrigerant load is indicated on the unit's technical label. For further information contact the office.

DIMENSIONS



Dimensions and weights			0500	0550	0600	0650	0700	0750	0800	0900	1000	1200	1400	1500	1600	1800	2000	2200	2450	2600
Size																				
Dimensions and weights																				
A	L	mm	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
B	L	mm	800	800	800	800	800	850	850	850	850	850	850	850	850	850	900	900	900	900
C	L	mm	2090	2090	2090	2090	2090	2500	2500	2500	2500	2500	2500	2500	2500	2500	3600	3600	3600	3600
Empty weight	L	kg	1020	1080	1095	1115	1140	1195	1320	1375	1475	1520	1615	1675	1810	1875	2275	2490	2550	2605

The weight of the unit does not include the hydronic kit and accessories.

■ For the version with hydronic kit please contact headquarters.