NLC 0280 - 1250

Air-water chiller

Cooling capacity53 ÷ 322 kW

- **High efficiency also at partial loads**
- **Complete air flow versatility**
- **EC fan Plug-fan with high performance**
- **Night mode**

DESCRIPTION

Chiller offering chilled/hot water, designed to mit air conditioning needs in residential / commercial complexes or industrial applications.
Outdoor units with Scroll compressors, plag-fun and plate heat exchanger.
The base the structure and the panels are made of steel treated with polyester paint RAL 9003.

VERSIONS

° Standard
A High efficiency
E Silenced high efficiency

FEATURES

Operating field

Operation at full load up to 46°C external air temperature. Unit can produce chilled water (up to -6 °C).

Units mono or dual-circuit

The range includes units with 2 compressors in single circuit and units with 4 compressors divided into two independent circuits.

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 efficiency of the unit.

EC fan plug-fan

The units are equipped with plug-fans and inverter motors coupled directly with the fan, with the electronic condensation control as standard, which adjusts the air flow according to the actual system requirements, with benefits in terms of consumption and noise reduction.
In addition, compared to conventional centrifugal fans, they do not feature belt and pulley transmission, resulting in easy flow adjustment, compactness, versatility, easy maintenance and no vibrations.

Version with Integrated hydronic kit

Integrated hydronic kit containing the main hydraulic components; available with various configurations to obtain a solution that allows you to save money and to facilitate installation.

Hot water production

In the configuration with desuperheater or total recovery, it is also possible to produce free-hot water.

CONTROL PCO_5

Microprocessor adjustment, with keyboard and LCD display,for easy access on the unit is a menu available in several languages.

— 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 inte-gral proportional logic, based on the water output temperature.
— **Night Mode:** it is possible to set a silenced operation profile. Perfect for night operation since it guarantees greater acoustic comfort in the evenings, and a high efficiency in the time of greater load.

ACCESSORIES

AER485P1: RS-485 interface for supervision systems with MODBUS protocol.
AERNET: The device allows the control, the management and the remote monitoring of a Chiller with a PC, smartphone or tablet using Cloud connection. AERNET works as Master while every unit connected is configured as Slave (max. 6 unit); also, with a simple click is possible to save a log file with all the connected unit datas in the personal terminal for post analysis.
C-TOUCH: 7", touch screen keyboard, which allows to navigate intuitively among the various screens, allowing to modify the operating parameters and graphically view the progress of some variables in real time.
FL: Flow switch.
MULTICHILLER_EVO: Control, switch-on and switch-off system of the single chillers where multiple units are installed in parallel, always ensuring constant flow rate to the evaporators.

PGD1: Allows you to control the unit at a distance.
AVX: Spring anti-vibration supports.
VT: Antivibration supports
FLG: Flange for ducts.

FACTORY FITTED ACCESSORIES

DRE: Electronic device for peak current reduction.

RIF: Power factor correction. Connected in parallel to the motor allowing about 10% reduction of input current.
KRQ: Electric heater for the control and electric power board.
KRA: Anti-freeze electric heater for the buffer tank.

COMPATIBILITY WITH VMF SYSTEM

For more information about VMF system, refer to the dedicated documentation.

ACCESSORIES COMPATIBILITY

Model	Ver	0280	0300	0330	0350	0550	0600	0650	0675	0700	0750	0800	0900	1000	1100	1250
AER485P1	°,A,E	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
AERNET	°,A,E	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
C-TOUCH	°,A,E	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FL	°,A,E	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MULTICHILLER_EVO	°,A,E	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PGD1	°,A,E	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

FILTROW

Ver	0280	0300	0330	0350	0550	0600	0650	0675
°,A,E	FILTRO W DN50 (1)	FILTRO W DN50 (1)	FILTRO W DN50 (1)	FILTRO W DN50 (1)	FILTRO W DN65 (1)	FILTRO W DN65 (1)	FILTRO W DN65 (1)	FILTRO W DN65 (1)

(1) Mandatory installation penalty waiver of warranty.

Ver	0700	0750	0800	0900	1000	1100	1250
°,A,E	FILTRO W DN65 (1)	FILTRO W DN65 (1)	FILTRO W DN80 (1)	FILTRO W DN80 (1)	FILTRO W DN80 (1)	FILTRO W DN80 (1)	FILTRO W DN80 (1)

(1) Mandatory installation penalty waiver of warranty.

Flange for ducts

Ver	0280	0300	0330	0350	0550	0600	0650	0675
°	FLG1	FLG1	FLG1	FLG1	FLG1	FLG2 x 2 (1)	FLG2 x 2 (1)	FLG2 x 2 (1)
A,E	FLG1	FLG1	FLG1	FLG1	FLG2 x 2 (1)	FLG2 x 2 (1)	FLG2 x 2 (1)	FLG2 x 2 (1)

(1) x... indicates the quantity to order.

Ver	0700	0750	0800	0900	1000	1100	1250
°	FLG1 x 2 (1)	FLG1 + FLG2 x 2 (1)	FLG2 x 4 (1)	FLG1 + FLG2 x 2 (1)	FLG2 x 4 (1)	FLG2 x 4 (1)	FLG2 x 4 (1)
A,E	FLG1 x 2 (1)	FLG1 + FLG2 x 2 (1)	FLG2 x 4 (1)	FLG2 x 4 (1)	FLG2 x 4 (1)	FLG2 x 4 (1)	FLG2 x 4 (1)

(1) x... indicates the quantity to order.

Antivibration

Ver	0280	0300	0330	0350	0550	0600	0650	0675
Integrated hydronic kit: 00								
°,A,E	VT17	VT17	VT17	VT17	-	-	-	-
Integrated hydronic kit: 01, 02, 03, 04, 05, 06, 07, 08								
°,A,E	VT11	VT11	VT11	VT11	-	-	-	-
Integrated hydronic kit: P1, P2, P3, P4, P5, P6, P7, P8								
°,A,E	VT13	VT13	VT13	VT13	-	-	-	-

The accessory cannot be fitted on the configurations indicated with -

Antivibration

Ver	0280	0300	0330	0350	0550	0600	0650	0675
Integrated hydronic kit: 00								
°	-	-	-	-	AVX437	AVX421	AVX421	AVX421
A,E	-	-	-	-	AVX421	AVX421	AVX421	AVX421
Integrated hydronic kit: 01, 02, 03, 04								
°	-	-	-	-	AVX439	AVX423	AVX423	AVX423
A,E	-	-	-	-	AVX423	AVX423	AVX423	AVX423
Integrated hydronic kit: 05, 06, 07, 08								
°	-	-	-	-	AVX439	AVX423	AVX423	AVX423
A	-	-	-	-	-	AVX423	AVX423	AVX423
E	-	-	-	-	AVX423	AVX423	AVX423	AVX423
Integrated hydronic kit: P1								
°	-	-	-	-	AVX438	AVX421	AVX421	AVX421
A,E	-	-	-	-	AVX421	AVX421	AVX422	AVX422
Integrated hydronic kit: P2								
°	-	-	-	-	AVX438	AVX422	AVX422	AVX422
A,E	-	-	-	-	AVX422	AVX422	AVX422	AVX422
Integrated hydronic kit: P3								
°	-	-	-	-	AVX438	AVX421	AVX421	AVX421
A,E	-	-	-	-	AVX421	AVX421	AVX422	AVX422

Ver	0280	0300	0330	0350	0550	0600	0650	0675
Integrated hydronic kit: P4								
°	-	-	-	-	AVX438	AVX422	AVX422	AVX422
A,E	-	-	-	-	AVX422	AVX422	AVX422	AVX422
Integrated hydronic kit: P5								
°	-	-	-	-	AVX438	AVX421	AVX421	AVX421
A,E	-	-	-	-	AVX421	AVX421	AVX422	AVX422
Integrated hydronic kit: P6								
°	-	-	-	-	AVX438	AVX422	AVX422	AVX422
A,E	-	-	-	-	AVX422	AVX422	AVX422	AVX422
Integrated hydronic kit: P7								
°	-	-	-	-	AVX438	AVX421	AVX422	AVX421
A,E	-	-	-	-	AVX421	AVX421	AVX422	AVX422
Integrated hydronic kit: P8								
°	-	-	-	-	AVX438	AVX422	AVX422	AVX422
A,E	-	-	-	-	AVX422	AVX422	AVX422	AVX422

The accessory cannot be fitted on the configurations indicated with -

Ver	0700	0750	0800	0900	1000	1100	1250
Integrated hydronic kit: 00							
°	AVX424	AVX440	AVX440	AVX444	AVX431	AVX431	AVX431
A,E	AVX424	AVX428	AVX431	AVX431	AVX431	AVX431	AVX431
Integrated hydronic kit: 01							
°	AVX427	AVX441	AVX441	AVX446	AVX435	AVX434	AVX434
A,E	AVX427	AVX430	AVX434	AVX434	AVX434	AVX434	AVX434
Integrated hydronic kit: 02							
°	AVX427	AVX441	AVX441	AVX446	AVX435	AVX436	AVX436
A,E	AVX427	AVX430	AVX435	AVX435	AVX435	AVX436	AVX436
Integrated hydronic kit: 03							
°	AVX427	AVX441	AVX441	AVX446	AVX435	AVX434	AVX434
A,E	AVX427	AVX430	AVX434	AVX434	AVX434	AVX434	AVX434
Integrated hydronic kit: 04							
°	AVX427	AVX441	AVX441	AVX446	AVX435	AVX436	AVX436
A,E	AVX427	AVX430	AVX435	AVX435	AVX435	AVX436	AVX436
Integrated hydronic kit: 05							
°	AVX427	AVX441	AVX441	AVX446	AVX435	AVX434	AVX434
A,E	AVX427	AVX430	AVX434	AVX434	AVX434	AVX434	AVX434
Integrated hydronic kit: 06							
°	AVX427	AVX441	AVX441	AVX446	AVX435	AVX436	AVX436
A,E	AVX427	AVX430	AVX435	AVX435	AVX435	AVX436	AVX436
Integrated hydronic kit: 07							
°	AVX427	AVX441	AVX441	AVX446	AVX435	AVX434	AVX434
A,E	AVX427	AVX430	AVX434	AVX434	AVX434	AVX434	AVX434
Integrated hydronic kit: 08							
°	AVX427	AVX441	AVX441	AVX446	AVX435	AVX436	AVX436
A,E	AVX427	AVX430	AVX435	AVX435	AVX435	AVX436	AVX436
Integrated hydronic kit: P1							
°	AVX425	AVX425	AVX442	AVX445	AVX432	AVX432	AVX432
A,E	AVX425	AVX429	AVX432	AVX432	AVX432	AVX432	AVX432
Integrated hydronic kit: P2							
°	AVX426	AVX426	AVX443	AVX445	AVX433	AVX433	AVX433
A,E	AVX426	AVX429	AVX433	AVX433	AVX433	AVX433	AVX433
Integrated hydronic kit: P3							
°	AVX425	AVX425	AVX442	AVX445	AVX432	AVX432	AVX432
A,E	AVX425	AVX429	AVX432	AVX432	AVX432	AVX432	AVX432
Integrated hydronic kit: P4							
°	AVX426	AVX426	AVX443	AVX445	AVX433	AVX433	AVX433
A,E	AVX426	AVX429	AVX433	AVX433	AVX433	AVX433	AVX433
Integrated hydronic kit: P5							
°	AVX425	AVX425	AVX442	AVX445	AVX432	AVX432	AVX432
A,E	AVX425	AVX429	AVX432	AVX432	AVX432	AVX432	AVX432
Integrated hydronic kit: P6							
°	AVX426	AVX426	AVX443	AVX445	AVX433	AVX433	AVX433
A,E	AVX426	AVX429	AVX433	AVX433	AVX433	AVX433	AVX433
Integrated hydronic kit: P7							
°	AVX425	AVX425	AVX442	AVX445	AVX432	AVX432	AVX432
A,E	AVX425	AVX429	AVX432	AVX432	AVX432	AVX432	AVX432
Integrated hydronic kit: P8							
°	AVX426	AVX426	AVX443	AVX445	AVX433	AVX433	AVX433
A,E	AVX426	AVX429	AVX433	AVX433	AVX433	AVX433	AVX433

DRE: Device for peak current reduction

Ver	0280	0300	0330	0350	0550	0600	0650	0675
°,A,E	DRE275 (1)	DRE275 (1)	DRE300 (1)	DRE350 (1)	DRE552 (1)	DRE602 (1)	DRE652 (1)	DRE675 (1)

(1) Only for supplies of 400V 3N ~ 50Hz and 400V 3 ~ 50Hz. x 2 or x 3 (if present) indicates the quantity to be ordered.
A grey background indicates the accessory must be assembled in the factory

Ver	0700	0750	0800	0900	1000	1100	1250
°,A,E	DRE350 x 2	DRE552 x 2	DRE552 x 2	DRE602 x 2	DRE652 x 2	DRE675 x 2	DRE1250 (1)

(1) Only for supplies of 400V 3N ~ 50Hz and 400V 3 ~ 50Hz. x 2 or x 3 (if present) indicates the quantity to be ordered.
A grey background indicates the accessory must be assembled in the factory

Power factor correction

Ver	0280	0300	0330	0350	0550	0600	0650	0675
°,A,E	RIFNLC1	RIFNLC1	RIFNLC2	RIFNLC3	RIFNLC1	RIFNLC1	RIFNLC1	RIFNLC4

A grey background indicates the accessory must be assembled in the factory

Ver	0700	0750	0800	0900	1000	1100	1250
°,A,E	RIFNLC3 x 2 (1)	RIFNLC3 + RIFNLC2 (1)	RIFNLC1 x 2 (1)	RIFNLC1 x 2 (1)	RIFNLC1 x 2 (1)	RIFNLC4 x 2 (1)	RIFNLC3 x 2 (1)

(1) x... indicates the quantity to buy.
A grey background indicates the accessory must be assembled in the factory

Anti-condensate electric board resistance

Ver	0280	0300	0330	0350	0550	0600	0650	0675
°,A,E	KRQ	KRQ	KRQ	KRQ	KRQ	KRQ	KRQ	KRQ

A grey background indicates the accessory must be assembled in the factory

Ver	0700	0750	0800	0900	1000	1100	1250
°,A,E	KRQ	KRQ	KRQ	KRQ	KRQ	KRQ	KRQ

A grey background indicates the accessory must be assembled in the factory

Anti-freeze electric heater for the storage tank

Ver	0280	0300	0330	0350	0550	0600	0650	0675
Integrated hydronic kit: 01, 02, 03, 04, 05, 06, 07, 08, P1, P2, P3, P4, P5, P6, P7, P8								
°,A,E	KRA1	KRA1	KRA1	KRA1	KRA2	KRA2	KRA2	KRA2

A grey background indicates the accessory must be assembled in the factory

Ver	0700	0750	0800	0900	1000	1100	1250
Integrated hydronic kit: 01, 02, 03, 04, 05, 06, 07, 08, P1, P2, P3, P4, P5, P6, P7, P8							
°,A,E	KRA2	KRA2	KRA2	KRA2	KRA2	KRA2	KRA2

A grey background indicates the accessory must be assembled in the factory

CONFIGURATOR

Field		Description
1,2,3		**NLC**
4,5,6,7		**Size** 0280, 0300, 0330, 0350, 0550, 0600, 0650, 0675, 0700, 0750, 0800, 0900, 1000, 1100, 1250
8		**Operating field**
	°	Standard mechanic thermostatic valve (1)
	X	Electronic thermostatic valve (1)
	Y	Low temperature mechanic thermostatic valve (2)
	Z	Low temperature electronic thermostatic valve (2)
9		**Model**
	°	Cooling only
	C	Motocondensing unit
10		**Heat recovery**
	°	Without heat recovery
	D	With desuperheater (3)
	T	With total recovery (4)
11		**Version**
	°	Standard
	A	High efficiency
	E	Silenced high efficiency
12		**Coils**
	°	Copper-aluminium
	R	Copper-copper
	S	Copper-Tinned copper
	V	Copper-painted alumimium
13		**Fans**
	J	Inverter
14		**Power supply**
	°	400V ~ 3N 50Hz with magnet circuit breakers (5)
	1	220V ~ 3 50Hz with magnet circuit breakers
15,16		**Integrated hydronic kit**
	00	Without hydronic kit
		Kit with storage tank and pump/s
	01	Storage tank with low head pump
	02	Storage tank with low head pump + stand-by pump
	03	Storage tank with high head pump
	04	Storage tank with high head pump + stand-by pump
		Kit with storage tank and inverter pump/s
	05	Storage tank with low-head inverter pump
	06	Storage tank with low head inverter pump + stand-by pump
	07	Storage tank with high head inverter pump
	08	Storage tank with high head inverter pump + stand-by pump
		Kit with pump/s
	P1	Single pump low head
	P2	Pump low head + stand-by pump
	P3	Single pump high head
	P4	Pump high head + stand-by pump
		Kit with pump/s, with inverter speed (6)
	P5	Single low head pump + fixed speed inverter
	P6	Single low head pump with fixed speed inverter + stand-by pump
	P7	Single high head pump + fixed speed inverter
	P8	Single high head pump with fixed speed inverter + stand-by pump

(1) Water produced from 4 °C ÷ 18 °C
(2) Water produced from 4 °C ÷ -10 °C
(3) The temperature of the water in the heat exchanger inlet must never drop below 35°C.
(4) Options not available for standard unit "°", condensing unit and with alls hydronic kit.
(5) Witout neuter from size 0800 to 1250
(6) The speed of the inverter pump must be set upon commissioning, according to the useful static pressure required; once it has been set, the pump will work at a constant flow rate.

PERFORMANCE SPECIFICATIONS

NLC - °

Size		0280	0300	0330	0350	0550	0600	0650	0675	0700	0750	0800	0900	1000	1100	1250
Cooling performance 12 °C / 7 °C (1)																
Cooling capacity	kW	53,3	58,4	63,9	76,6	95,5	113,8	124,8	139,5	154,0	172,7	192,2	223,5	246,2	280,9	310,6
Input power	kW	20,4	23,4	24,3	28,9	39,3	44,3	50,1	53,7	58,6	66,6	79,0	86,4	99,8	107,6	121,3
Cooling total input current	A	38,0	42,0	46,0	57,0	68,0	77,0	85,0	92,0	113,0	121,0	136,0	148,0	169,0	181,0	208,0
EER	W/W	2,62	2,50	2,63	2,65	2,43	2,57	2,49	2,60	2,63	2,59	2,43	2,59	2,47	2,61	2,56
Water flow rate system side	l/h	8969	9828	10807	12972	16236	19277	21167	23676	26081	29294	32644	37884	41733	47712	52763
Pressure drop system side	kPa	19	22	28	27	43	27	31	43	37	30	38	35	35	41	48

(1) Data 14511:2018; System side water heat exchanger 12 °C/7 °C; External air 35 °C

NLC - A

Size		0280	0300	0330	0350	0550	0600	0650	0675	0700	0750	0800	0900	1000	1100	1250
Cooling performance 12 °C / 7 °C (1)																
Cooling capacity	kW	55,2	60,7	67,9	79,8	107,8	121,3	130,7	148,0	159,8	181,0	212,7	236,2	260,5	294,1	322,7
Input power	kW	19,5	21,5	23,4	27,7	37,7	42,9	45,0	52,4	55,3	60,3	75,4	84,8	89,6	105,7	115,9
Cooling total input current	A	36,0	40,0	43,0	54,0	63,0	71,0	73,0	87,0	107,0	113,0	126,0	139,0	146,0	173,0	198,0
EER	W/W	2,83	2,82	2,90	2,88	2,86	2,83	2,91	2,82	2,89	3,00	2,82	2,78	2,91	2,78	2,79
Water flow rate system side	l/h	9295	10223	11511	13539	18298	20566	22250	25188	27095	30617	36080	40118	44310	49980	54911
Pressure drop system side	kPa	20	24	22	30	25	30	36	36	25	25	33	33	35	37	43

(1) Data 14511:2018; System side water heat exchanger 12 °C/7 °C; External air 35 °C

NLC - E

Size		0280	0300	0330	0350	0550	0600	0650	0675	0700	0750	0800	0900	1000	1100	1250
Cooling performance 12 °C / 7 °C (1)																
Cooling capacity	kW	53,0	59,0	65,0	74,3	103,7	116,8	125,3	143,8	152,8	173,6	202,8	226,4	249,5	285,1	313,0
Input power	kW	19,3	21,5	23,7	27,4	37,6	42,7	45,9	52,5	55,4	60,1	74,9	85,2	90,6	105,8	116,0
Cooling total input current	A	36,0	39,0	43,0	53,0	62,0	69,0	73,0	85,0	106,0	112,0	123,0	138,0	146,0	170,0	197,0
EER	W/W	2,74	2,75	2,75	2,71	2,76	2,74	2,73	2,74	2,76	2,89	2,71	2,66	2,75	2,70	2,70
Water flow rate system side	l/h	8986	9982	11047	12628	17714	19896	21442	24552	25995	29483	34637	38675	42661	48640	53433
Pressure drop system side	kPa	19	23	20	26	23	29	34	34	23	24	31	30	33	35	41

(1) Data 14511:2018; System side water heat exchanger 12 °C/7 °C; External air 35 °C

ENERGY DATA

Size			0280	0300	0330	0350	0550	0600	0650	0675	0700	0750	0800	0900	1000	1100	1250
Cooling capacity with low leaving water temp (UE n° 2016/2281)																	
SEER	°	W/W	4,51	4,59	4,56	4,73	4,75	4,74	4,75	4,78	4,78	4,75	4,73	4,75	4,67	4,51	4,51
	A	W/W	4,82	4,82	4,74	4,96	4,75	4,77	4,74	4,65	4,73	5,05	4,47	4,39	4,55	4,42	4,42
	E	W/W	4,28	4,39	4,33	4,53	4,20	4,32	4,24	4,26	4,33	4,53	4,13	4,13	4,12	4,12	4,12
ηsc	°	%	178,00	181,00	179,00	186,00	187,00	186,00	187,00	188,00	188,00	187,00	186,00	187,00	184,00	178,00	178,00
	A	%	190,00	190,00	187,00	195,00	187,00	188,00	186,00	183,00	186,00	199,00	176,00	172,00	179,00	174,00	174,00
	E	%	168,00	173,00	170,00	178,00	165,00	170,00	166,00	168,00	170,00	178,00	162,00	162,00	162,00	162,00	162,00

ELECTRICAL DATA

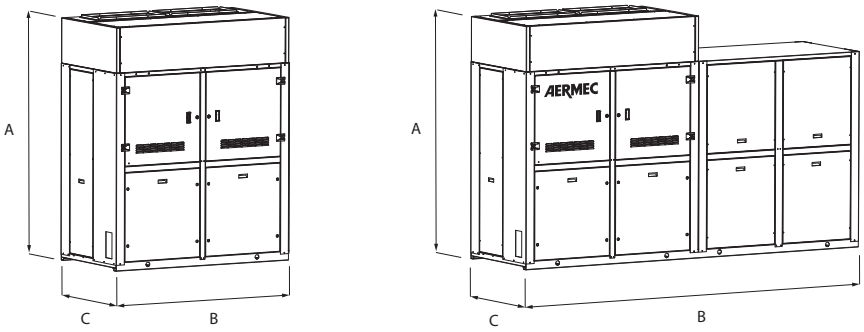
Electric data

Size			0280	0300	0330	0350	0550	0600	0650	0675	0700	0750	0800	0900	1000	1100	1250
Electric data																	
Maximum current (FLA)	°	A	52,0	56,0	62,0	73,0	103,0	111,0	119,0	132,0	146,0	169,0	206,0	222,0	238,0	263,0	289,0
	A,E	A	52,0	56,0	62,0	73,0	92,0	111,0	119,0	132,0	146,0	158,0	183,0	210,0	238,0	263,0	289,0
Peak current (LRA)	°	A	128,0	130,0	133,0	216,0	261,0	273,0	281,0	358,0	290,0	346,0	353,0	372,0	400,0	489,0	515,0
	A,E	A	128,0	130,0	133,0	216,0	273,0	273,0	281,0	358,0	290,0	357,0	376,0	384,0	400,0	489,0	515,0

GENERAL TECHNICAL DATA

Size			0280	0300	0330	0350	0550	0600	0650	0675	0700	0750	0800	0900	1000	1100	1250
Compressor																	
Type	°,A,E	type								Scroll							
Compressor regulation	°,A,E	Type								On-Off							
Number	°,A,E	no.	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4
Circuits	°,A,E	no.	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Refrigerant	°,A,E	type								R410A							
System side heat exchanger																	
Type	°,A,E	type								Brazed plate							
Number	°,A,E	no.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Hydraulic connections																	
Connections (in/out)	°,A,E	Type								Grooved joints							
Size (in)	°,A,E	Ø	2″	2″	2″	2″	2″	2″	2″	2″	2 1/2″	2 1/2″	3″	3″	3″	3″	3″
Size (out)	°,A,E	Ø	2″	2″	2″	2″	2″	2″	2″	2″	2 1/2″	2 1/2″	3″	3″	3″	3″	3″
Fan																	
Type	°,A,E	type								Plug-fun							
Fan motor	°,A,E	type								EC Inverter motors							
Number	°	no.	2	2	2	2	2	4	4	4	4	4	4	6	8	8	8
	A,E	no.	2	2	2	2	4	4	4	4	4	6	8	8	8	8	8
Air flow rate	°	m^3/h	21600	24000	21150	23600	23200	34050	34050	38200	47150	46750	46350	62150	68100	66650	71750
	A	m^3/h	21150	23600	19400	22050	27700	33350	27150	32750	44050	57900	55350	55350	54300	65450	65450
	E	m^3/h	15000	18400	14650	16450	14900	22200	14600	21750	32900	41900	29850	29850	29200	43500	43500
Delivery unit																	
Sound power level	°	dB(A)	83,3	85,6	82,9	85,4	87,5	83,9	83,9	86,1	88,4	89,6	90,5	86,9	86,9	89,1	89,1
	A	dB(A)	83,6	86,1	81,9	84,5	82,9	85,2	82,9	85,1	87,5	85,8	85,9	88,2	85,9	88,1	88,1
	E	dB(A)	76,7	80,1	76,5	78,3	75,2	78,5	75,2	78,4	81,3	80,0	78,2	81,5	78,2	81,4	81,4

DIMENSIONS



Size			0280	0300	0330	0350	0550	0600	0650	0675	0700	0750	0800	0900	1000	1100	1250
Dimensions and weights																	
A	°,A,E	mm	2154	2154	2154	2154	2196	2196	2196	2196	2196	2196	2196	2196	2196	2196	2196
B	°	mm	1750	1750	1750	1750	1750	3150	3150	3150	3500	3500	3500	4900	6300	6300	6300
	A,E	mm	1750	1750	1750	1750	3150	3150	3150	3150	3500	4900	6300	6300	6300	6300	6300
C	°,A,E	mm	950	950	950	950	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
Weight empty	°	kg	759	759	787	798	994	1409	1415	1450	1510	1682	1858	2294	2692	2775	2789
	A,E	kg	775	775	809	813	1432	1436	1470	1485	1553	2156	2728	2744	2818	2844	2858
Dimensions and weights with pump/s																	
A	°,A,E	mm	2154	2154	2154	2154	2196	2196	2196	2196	2196	2196	2196	2196	2196	2196	2196
B	°	mm	2500	2500	2500	2500	2500	3150	3150	3150	4250	4250	4250	4900	6300	6300	6300
	A,E	mm	2500	2500	2500	2500	3150	3150	3150	3150	4250	4900	6300	6300	6300	6300	6300
C	°,A,E	mm	950	950	950	950	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
Dimensions and weights with storage tank and pump/s																	
A	°,A,E	mm	2154	2154	2154	2154	2196	2196	2196	2196	2196	2196	2196	2196	2196	2196	2196
B	°	mm	3400	3400	3400	3400	3500	4150	4150	4150	5250	5250	5250	5900	7300	7300	7300
	A,E	mm	3400	3400	3400	3400	4150	4150	4150	4150	5250	5900	7300	7300	7300	7300	7300
C	°,A,E	mm	950	950	950	950	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100

Aermec S.p.A.
Via Roma, 996 - 37040 Bevilacqua (VR) - Italia
Tel. 0442633111 - Telefax 044293577
www.aermec.com