AERMEC

NRB
0800/3600
Heat pumps

Reversible heat pumps Air/Water for outdoor installation
Scroll compressors, plate heat exchangers and axial fans
Cooling capacity 196 - 969kW
Heating capacity 210 - 1009kW

R410A

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

Aermec participate in the EUROVENT program: LCP
the products are present on the site
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Variable Multi Flow®
VMF

- **HIGH EFFICIENCY ALSO AT PARTIAL LOADS**
- **HP FLOATING: ESEER +7% WITH INVERTER FANS**
- **NIGHT MODE**

Characteristics

Outdoor heat pump unit for the production of chilled / hot water, with high-efficiency scroll compressors, axial fans, plate heat exchanger.
In the units (with desuperheater) there is also the possibility of producing hot water for free. The base, the structure and the panels are made of steel treated with polyester paint.

Version
NRB_H Standard
NRB_HL Low noise
NRB_HA High efficiency
NRB_HE High efficiency low noise

Range of operation: Work up to 50°C of outdoor air temperature at full load, depending on size and version. For further details refer to the selection software/ technical documentation.

- Unit with 2 refrigerant circuits designed to provide maximum efficiency at full load, also ensuring high efficiency at partial loads and ensuring continuity in case one of the circuits stops.
- The possibility of using the electronic thermostatic valve brings significant benefits, in particular when the refrigerant is working at partial loads to the benefit of energy efficiency of the unit. It is supplied as standard from size 1800÷3600 optional for all other sizes.
- Electrical heater for plate heat exchanger
- Possibility of integrated hydronic kit that encloses the main hydraulic components; it is available in different configurations with one or two pumps, with different available static pressures
- Microprocessor adjustment, with keyboard and LCD display, for easy consultation and intervention on the unit via a menu available in several languages. Adjustment includes complete management of the alarms and their log.
- The presence of a programmable timer allows setting time bands of operation and a possible second set-point
- The temperature control takes place with the integral proportional logic, based on the water output temperature.
- **Floating HP:** is supplied as standard on all models. This modulates the fan speed according to the unit load and offers an improved ESEER (beyond the declared values) when applied with variable speed fans (ie. units with DCPX option or inverter fans). **ESEER improvements of up to 7% are obtained with inverter equipped models.**

- **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.
Night Mode is standard on all low noise versions. For all other versions either the DCPX accessory or "J" inverter fan must be specified to allow Night Mode to operate.

Accessories

- **AER485P1**: RS-485 interface for supervision systems with MODBUS protocol.
- **AERWEB300:** Accessory AERWEB allows remote control of a chiller through a common PC and an ethernet connection over a common browser; 4 versions available:
AERWEB300-6: Web server to monitor and remote control max. 6 units in RS485 network;
AERWEB300-18: Web server to monitor and remote control max. 18 units in RS485 network;
AERWEB300-6G: Web server to monitor and remote control max. 6 units in RS485 network with integrated GPRS modem;
AERWEB300-18G: Web server to monitor and remote control max. 18 units in RS485 network with integrated GPRS modem;
- **PGD1:** Remote control of the chiller operating functions.
- **MULTICHILLER_PCO**: Control system for multiple parallel installed constant flow chillers providing individual chiller on/off and control capability.
- **DCPX:** Device for condensation temperature control, with continuous speed modulation of fans by using a pressure transducer.
Standard in option low noise version or with desuperheater.
- **AVX:** Spring anti-vibration mounts.
- **FL:** flow switch **The accessory must be mounted or otherwise forfeit warranty**

Accessories factory fitted only
- **DRE**: Electronic soft starter which reduces starting current.
- **RIF**: Power factor correction. Connected in parallel to the motor allowing about 10% reduction of input current).
- **GP**: Coil guards
- **COMPATIBILITY with the VMF SYSTEM**
For more information on the system refer to the manual.

Compatibility of accessories

Mod. NRBH	vers.	0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
AER485P1		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
AERWEB300		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PGD1		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MULTICHILLER_PCO		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FL		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DCPX	*	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
AVX	(1)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Accessories factory fitted only																		
DRENRB		0800	0900	1000	1100	1200	1400	1600	-	-	-	-	-	-	-	-	-	-
RIF	H°	0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
	HL	0800	0900	1000	1100	1200	1400	1601	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
	HA	0800	0900	1000	1100	1200	1400	1601	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
	HE	0800	0900	1000	1101	1201	1401	1601	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
GP	*	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

* Accessories to be defined for compatibility
(1) Refer to the technical documentation

Unit Configurator

By suitably combining the numerous options available it is possible to configure each model in such a way as to meet the most demanding of system requirements.

Field **Description**
1,2,3 **NRB**
4,5,6,7 **Size** (1)
0800-0900-1000-1100-1200-1400-1600-1800-2000-2200-2400-2600-2800-3000-3200-3400-3600
8 **Operational limits**
° Standard (temperature of water produced up to +4 °C) (2)
X Electronic thermostatic valve (temperature of water produced up to +4 °C)
9 **Model**
H Reversible heat pump
10 **Heat recovery**
° Without heat recovery
D With desuperheater (3)
11 **Version**
° Standard
L Low noise Standard
A High efficiency
E Low noise high efficency
12 **Coils**
° Aluminium
R Copper - Copper
S Copper - Tinned
V Aluminium painted
13 **Fans**
° Standard
J Inverter
14 **Power supply**
° 400V/3/50Hz with breakers
15-16 **Integrated hydronic kit**
00 Without hydronic kit
With n°1 pump:
PA Pump A
PB Pump B
PC Pump C
PD Pump D
PE Pump E
PF Pump F
PG Pump G
PH Pump H
PI Pump I
PJ Pump J
With n°2 pump:
DA Pump A and Stand-by pump
DB Pump B and Stand-by pump
DC Pump C and Stand-by pump
DD Pump D and Stand-by pump
DE Pump E and Stand-by pump
DF Pump F and Stand-by pump
DG Pump G and Stand-by pump
DH Pump H and Stand-by pump
DI Pump I and Stand-by pump
DJ Pump J and Stand-by pump
With n° 1 pump and buffer tank:
AA Pump A and buffer tank
AB Pump B and buffer tank
AC Pump C and buffer tank
AD Pump D and buffer tank
AE Pump E and buffer tank
AF Pump F and buffer tank
AG Pump G and buffer tank
AH Pump H and buffer tank
AI Pump I and buffer tank
AJ Pump J and buffer tank
With n° 2 pumps and buffer tank:
BA Pump A with Stand-by pump and buffer tank
BB Pump B with Stand-by pump and buffer tank
BC Pump C with Stand-by pump and buffer tank
BD Pump D with Stand-by pump and buffer tank
BE Pump E with Stand-by pump and buffer tank
BF Pump F with Stand-by pump and buffer tank
BG Pump G with Stand-by pump and buffer tank
BH Pump H with Stand-by pump and buffer tank
BI Pump I with Stand-by pump and buffer tank
BJ Pump J with Stand-by pump and buffer tank

(1) The availability of models is to be agreed with the Technical Sales
(2) Sizes from 1800÷3600 standard with the electronic thermostatic valve
(3) The desuperheater can be used exclusively in the cold operation

Technical data

NRB - H				800	900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
	V/Ph/Hz			400V/3/50Hz																
12°C / 7°C	Cooling capacity	(1)	kW	196,0	217,7	251,3	278,7	313,6	353,2	388,2	455,8	500,8	567,5	614,6	652,5	716,4	766,0	803,7	868,0	913,1
	Total power input	(1)	kW	74,2	86,1	91,7	108,0	119,7	141,3	155,3	172,7	193,4	211,0	231,1	252,9	266,3	291,3	315,2	327,6	353,9
	EER	(1)		2,64	2,53	2,74	2,58	2,62	2,5	2,5	2,64	2,59	2,69	2,66	2,58	2,69	2,63	2,55	2,65	2,58
	ESEER	(1)		3,87	3,78	3,94	3,82	3,85	3,75	3,75	3,86	3,83	3,9	3,88	3,82	3,9	3,85	3,79	3,87	3,82
	ESEER HP floating			ESEER improvements of up to 7%																
	Cooling Energy Class Eurovent	(1)		D	D	C	D	D	D	D	D	D	D	D	D	D	D	D	D	D
	Water flow rate	(1)	l/h	33778	37532	43312	48039	54057	60885	66921	78576	86331	97817	105945	112475	123491	132040	138547	149631	157395
	Pressure drop	(1)	kPa	34	24	32	26	33	31	37	32	38	37	42	50	48	31	34	37	34
40°C / 45°C	Heating capacity	(2)	kW	215,5	237,8	275,7	306,6	344,7	367,0	413,6	479,4	528,9	593,4	644,9	690,7	752,2	797,5	838,3	908,9	950,0
	Total input power	(2)	kW	70,2	77,7	89,5	99,9	112,3	121,9	137,0	157,2	174,6	193,9	210,8	227,9	245,0	260,6	275,8	296,1	311,5
	COP	(2)		3,07	3,06	3,08	3,07	3,07	3,01	3,02	3,05	3,03	3,06	3,06	3,03	3,07	3,06	3,04	3,07	3,05
	Heating Energy Class Eurovent	(2)		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
	Water flow rate	(2)	l/h	37317	41173	47731	53076	59681	63532	71605	82997	91576	102738	111652	119575	130228	138071	145133	157358	164479
	Pressure drop	(2)	kPa	42	28	38	32	40	34	42	36	42	40	46	56	53	33	37	40	37
	Performance under average climatic conditions (Average)																			
	Pdesignh	(3)		203	224	260	289	325	346	/	/	/	/	/	/	/	/	/	/	/
	SCOP	(3)		3,65	3,65	3,65	3,68	3,65	3,6	/	/	/	/	/	/	/	/	/	/	/
	ηs	(3)		143	143	143	144	143	141	/	/	/	/	/	/	/	/	/	/	/

NRB - HL				800	900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
12°C / 7°C	Cooling capacity	(1)	kW	197,8	227,6	247,4	274,9	300,9	358,7	391,8	453,2	494,4	551,6	592,3	650,4	680,4	747,5	783,1	846,6	881,1
	Total power input	(1)	kW	75,2	78,8	90,0	106,2	123,3	132,9	153,6	169,1	193,9	209,0	234,1	246,4	270,0	285,3	309,5	326,9	352,4
	EER	(1)		2,63	2,89	2,75	2,59	2,44	2,7	2,55	2,68	2,55	2,64	2,53	2,64	2,52	2,62	2,53	2,59	2,5
	ESEER	(1)		3,97	4,18	4,07	3,94	3,83	4,03	3,92	4,02	3,92	3,98	3,9	3,99	3,9	3,97	3,9	3,95	3,88
	ESEER HP floating			ESEER improvements of up to 7%																
	Cooling Energy Class Eurovent	(1)		D	C	C	D	E	C	D	D	D	D	D	D	D	D	D	D	D
	Water flow rate	(1)	l/h	34026	39162	42572	47303	51763	61718	67402	77973	85060	94906	101898	111903	117056	128609	134727	145658	151590
	Pressure drop	(1)	kPa	13,66	18,05	15,38	18,95	13,9	19,76	17,53	23,24	22,94	28,5	17,23	20,92	23,07	23,28	25,46	29,2	31,59
40°C / 45°C	Heating capacity	(2)	kW	210,0	250,6	274,6	305,2	334,5	394,8	431,6	498,2	543,9	610,6	655,1	718,5	758,6	826,4	870,7	939,0	983,1
	Total input power	(2)	kW	67,1	79,6	87,2	98,8	108,3	126,2	136,6	158,2	173,2	195,1	208,6	228,1	243,9	264,9	280,0	300,0	317,1
	COP	(2)		3,13	3,15	3,15	3,09	3,09	3,13	3,16	3,15	3,14	3,13	3,14	3,15	3,11	3,12	3,11	3,13	3,1
	Heating Energy Class Eurovent	(2)		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
	Water flow rate	(2)	l/h	36436	43474	47634	52953	58034	68497	74867	86428	94358	105923	113647	124652	131595	143360	151053	162894	170553
	Pressure drop	(2)	kPa	15,41	21,88	18,94	23,35	17,18	23,94	21,28	28,09	27,76	34,91	21,09	25,53	28,68	28,45	31,47	35,93	39,33
	Performance under average climatic conditions (Average)																			
	Pdesignh	(3)		197	235	258	286	314	370	/	/	/	/	/	/	/	/	/	/	/
	SCOP	(3)		3,73	3,75	3,75	3,68	3,68	3,73	/	/	/	/	/	/	/	/	/	/	/
	ηs	(3)		146	147	147	144	144	146	/	/	/	/	/	/	/	/	/	/	/

NRB - HA				800	900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
12°C / 7°C	Cooling capacity	(1)	kW	206,0	243,5	266,6	296,6	328,9	385,0	424,8	487,7	537,4	600,2	650,5	707,6	744,2	813,8	857,5	926,2	969,3
	Total power input	(1)	kW	71,8	78,3	88,3	102,3	117,1	129,2	147,0	163,7	184,7	201,4	222,0	237,4	257,5	274,0	295,7	311,8	333,1
	EER	(1)		2,87	3,11	3,02	2,9	2,81	2,98	2,89	2,98	2,91	2,98	2,93	2,98	2,89	2,97	2,9	2,97	2,91
	ESEER	(1)		4,03	4,2	4,14	4,05	3,99	4,11	4,04	4,11	4,06	4,11	4,07	4,11	4,04	4,1	4,05	4,1	4,06
	ESEER HP floating			ESEER improvements of up to 7%																
	Cooling Energy Class Eurovent	(1)		C	A	B	B	C	B	C	B	B	B	B	B	C	B	B	B	B
	Water flow rate	(1)	l/h	35443	41907	45883	51035	56601	66249	73093	83918	92479	103286	111940	121760	128057	140035	147562	159372	166799
	Pressure drop	(1)	kPa	15	21	18	22	17	23	21	27	27	34	21	25	28	28	31	35	38
40°C / 45°C	Heating capacity	(2)	kW	214,5	254,7	279,3	310,9	341,4	401,5	439,5	506,9	554,2	621,3	667,4	731,1	772,4	841,4	887,2	956,3	1002,0
	Total input power	(2)	kW	66,6	79,3	86,7	97,2	106,0	124,7	136,9	157,4	171,6	193,6	207,3	227,1	239,9	261,3	275,5	297,0	312,1
	COP	(2)		3,22	3,21	3,22	3,2	3,22	3,22	3,21	3,22	3,23	3,21	3,22	3,22	3,22	3,22	3,22	3,22	3,21
	Heating Energy Class Eurovent	(2)		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	Water flow rate	(2)	l/h	37211	44177	48453	53942	59231	69649	76243	87932	96134	107785	115779	126836	134003	145970	153911	165899	173822
	Pressure drop	(2)	kPa	16	23	20	24	18	25	22	29	29	36	22	26	30	30	33	37	41
	Performance under average climatic conditions (Average)																			
	Pdesignh	(4)		196	233	255	284	312	367	/	/	/	/	/	/	/	/	/	/	/
	SCOP	(4)		3,03	3,08	3,03	3,08	3,03	3,10	/	/	/	/	/	/	/	/	/	/	/
	ηs	(4)		118	120	118	120	118	121	/	/	/	/	/	/	/	/	/	/	/

NRB - HE				800	900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
12°C / 7°C	Cooling capacity	(1)	kW	209,4	241,5	264,5	294,1	326,4	377,3	431,8	488,7	539,7	596,7	647,0	698,1	733,8	797,6	839,6	902,3	943,0
	Total power input	(1)	kW	67,3	77,4	85,1	98,0	112,6	125,3	139,3	157,1	177,5	192,5	214,9	231,2	250,4	269,4	289,5	307,9	327,4
	EER	(1)		3,11	3,12	3,11	3	2,9	3,01	3,1	3,11	3,04	3,1	3,01	3,02	2,93	2,96	2,9	2,93	2,88
	ESEER	(1)		4,26	4,27	4,26	4,19	4,13	4,2	4,26	4,27	4,22	4,26	4,19	4,2	4,14	4,17	4,12	4,14	4,11
	ESEER HP floating			ESEER improvements of up to 7%																
	Cooling Energy Class Eurovent	(1)		A	A	A	B	B	B	A	A	B	A	B	B	B	B	B	B	C
	Water flow rate	(1)	l/h	36040	41557	45515	50604	56169	64922	74308	84092	92865	102678	111331	120132	126269	137242	144473	155263	162273
	Pressure drop	(1)	kPa	15,33	20,32	17,57	21,68	16,36	21,86	21,31	27,04	27,35	33,36	20,57	24,11	26,85	26,51	29,27	33,18	36,2
40°C / 45°C	Heating capacity	(2)	kW	223,7	258,3	284,0	317,2	349,7	403,8	459,3	521,7	573,0	635,6	684,9	742,5	785,6	849,7	897,1	962,3	1009,3
	Total input power	(2)	kW	69,3	80,5	87,9	98,5	109,0	126,2	143,1	162,5	176,9	198,0	212,0	229,9	244,7	264,7	279,5	299,8	315,4
	COP	(2)		3,23	3,21	3,23	3,22	3,21	3,2	3,21	3,21	3,24	3,21	3,23	3,23	3,21	3,21	3,21	3,21	3,2
	Heating Energy Class Eurovent	(2)		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	Water flow rate	(2)	l/h	38802	44817	49268	55028	60671	70046	79685	90498	99408	110262	118815	128807	136291	147408	155631	166942	175100
	Pressure drop	(2)	kPa	17,48	23,25	20,27	25,23	18,78	25,04	24,11	30,81	30,84	37,85	23,05	27,27	30,78	30,09	33,42	37,75	41,47
	Performance under average climatic conditions (Average)																			
	Pdesignh	(4)		204	236	259	290	320	369	/	/	/	/	/	/	/	/	/	/	/
	SCOP	(4)		3,05	3,08	3,05	3,10	3,03	3,08	/	/	/	/	/	/	/	/	/	/	/
	ηs	(4)		119	120	119	121	118	120	/	/	/	/	/	/	/	/	/	/	/

Date (14511:2013)

(1) Water evaporator 12°C/7°C, External air 35°C

(2) Water condenser 40°C/45°C, External air 7°C b.s./6°C b.u.

(3) Efficiencies for low temperature Applications (35°C)

(4) Efficiencies for average temperature Applications (55°C)

Efficiency Energy Class in according to regulation n°811/2013 Pdesignh ≤ 70kW

Technical data

				800	900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
Electrical data																				
Total input currente (cooling)		(5)	A	131	150	163	189	207	242	263	296	331	365	398	437	456	504	545	564	606
Total input currente (heating)	H	(5)	A	125	138	158	175	195	212	236	274	304	340	369	397	427	458	484	519	549
Maximum current (FLA)		(5)	A	169	185	210	239	269	298	327	376	417	466	507	549	581	631	672	713	754
Starting current (LRA)		(5)	A	357	412	437	490	519	632	661	645	686	736	776	818	851	900	941	982	1023
Total input currente (cooling)		(5)	A	126	133	150	176	203	220	252	280	321	347	390	409	446	473	515	543	585
Total input currente (heating)	HL	(5)	A	119	139	152	171	187	216	234	272	299	336	363	394	420	457	484	518	549
Maximum current (FLA)		(5)	A	169	193	210	239	269	306	335	384	425	475	516	557	590	639	680	730	771
Starting current (LRA)		(5)	A	357	421	437	490	519	640	669	654	695	744	785	826	859	909	950	999	1040
Total input currente (cooling)		(5)	A	127	141	157	179	203	225	254	285	321	352	389	416	448	479	515	546	582
Total input currente (heating)	HA	(5)	A	120	142	155	172	187	219	240	277	303	342	368	401	421	460	485	526	550
Maximum current (FLA)		(5)	A	169	193	210	239	269	306	335	384	425	475	516	557	590	639	680	730	771
Starting current (LRA)		(5)	A	357	421	437	490	519	640	669	654	695	744	785	826	859	909	950	999	1040
Total input currente (cooling)		(5)	A	115	132	144	164	187	208	230	261	296	322	362	387	417	449	483	515	547
Total input currente (heating)	HE	(5)	A	122	140	153	170	188	216	244	278	305	341	367	396	420	456	482	517	544
Maximum current (FLA)		(5)	A	177	202	218	248	277	315	352	401	442	492	533	574	607	656	697	753	793
Starting current (LRA)		(5)	A	366	429	446	498	528	649	686	671	712	761	802	843	876	926	967	1022	1063
Scroll Compressor																				
Compressors / Circuit			n°	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	4/2	5/2	6/2	6/2	6/2	6/2	6/2
Refrigerant			Type	R410A																
Heat exchanger system side																				
Exchanger			Type/n°	Plate/1																
Axial fans																				
Fans	H		n°	4	4	6	6	6	6	6	8	8	10	10	12	12	14	14	14	14
Air flow rate (cooling)			m³/h	80000	80000	120000	120000	120000	120000	120000	160000	160000	200000	200000	240000	240000	280000	280000	280000	280000
Fans	HL		n°	4	6	6	6	6	8	8	10	10	12	12	14	14	16	16	18	18
Air flow rate (cooling)			m³/h	60000	90000	90000	90000	90000	120000	120000	150000	150000	180000	180000	210000	210000	240000	240000	270000	270000
Fans	HA		n°	4	6	6	6	6	8	8	10	10	12	12	14	14	16	16	18	18
Air flow rate (cooling)			m³/h	80000	120000	120000	120000	120000	160000	160000	200000	200000	240000	240000	280000	280000	320000	320000	360000	360000
Fans	HE		n°	6	8	8	8	8	10	12	14	14	16	16	18	18	20	20	22	22
Air flow rate (cooling)			m³/h	90000	120000	120000	120000	120000	150000	180000	210000	210000	240000	240000	270000	270000	300000	300000	330000	330000
Sound data (cooling)																				
Sound power level	H		dB(A)	90	90	92	92	92	92	92	93	93	94	94	95	95	96	96	96	96
Sound pressure level			dB(A)	57	57	59	59	59	59	59	61	61	62	62	62	62	63	63	63	63
Sound power level	HL		dB(A)	83	85	85	85	85	86	86	88	88	90	90	91	91	92	92	92	92
Sound pressure level			dB(A)	50	52	52	52	52	54	54	55	56	57	58	58	58	59	59	59	59
Sound power level	HA		dB(A)	90	92	92	92	92	93	93	94	94	95	95	96	96	97	97	97	97
Sound pressure level			dB(A)	57	59	59	59	59	61	61	62	62	62	62	63	63	64	64	64	64
Sound power level	HE		dB(A)	85	86	86	86	86	87	88	89	90	91	92	92	92	93	93	93	93
Sound pressure level			dB(A)	52	54	54	54	54	55	56	57	57	58	59	59	59	60	60	60	60

(5) Unit standar configuration without hydronic kit

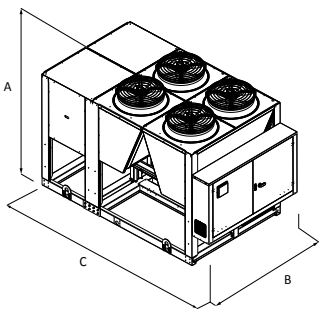
Sound power Aermec determines sound power values on the basis of measurements made in accordance with UNI EN ISO 9614-2, as required for Eurovent certification.

Sound pressure Sound pressure in free field, at 10 m distance from the external surface of the unit (in accordance with UNI EN ISO 3744).

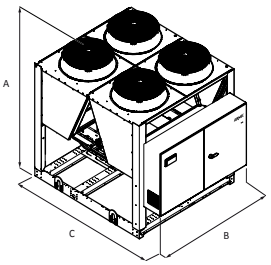
Note: For more information, refer to the selection program or the technical documentation available on the website www.aermec.com

Dimensions (mm)

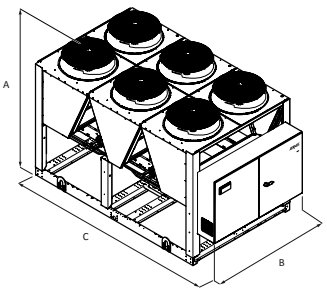
(1) Unit with buffer tank
NRB0800 H/HL/HA
NRB0900 H



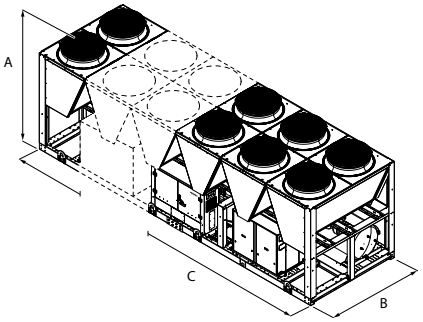
NRB0800 H/HL/HA
NRB0900 H



NRB0800 HE
NRB0900÷1200 HL/HA
NRB1000÷1600 H



NRB0900÷3600 HE
NRB1400÷3600 HL/HA
NRB1800÷3600 H



NRB				0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
Height	A	All	mm	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450
Width	B	All	mm	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
Depht	C	H°	mm	2780*	2780*	3970	3970	3970	3970	3970	4760	4760	5950	5950	7140	7140	8330	8330	8330	8330
		HL	mm	2780*	3970	3970	3970	3970	4760	4760	5950	5950	7140	7140	8330	8330	9520	9520	10710	10710
		HA	mm	2780*	3970	3970	3970	3970	4760	4760	5950	5950	7140	7140	8330	8330	9520	9520	10710	10710
		HE	mm	3970	4760	4760	4760	4760	5950	7140	8330	8330	9520	9520	10710	10710	11900	11900	13090	13090
Weight		H°	kg	2520	2580	3160	3210	3250	3310	3340	4120	4200	4860	4940	5640	5930	6740	6820	6920	7070
		HL	kg	2550	3130	3200	3240	3320	3970	4040	4700	4820	5340	5620	6410	6660	7340	7420	8040	8120
		HA	kg	2550	3130	3200	3240	3320	3970	4040	4700	4820	5340	5620	6410	6660	7340	7420	8040	8120
		HE	kg	3080	3770	3840	3870	3950	4510	5020	5760	5890	6460	6690	7420	7670	8300	8380	9010	9090

* Depht unit Standard or with pump, for the unit with buffer tank the depht is 3970mm

Cod.: SNRBHY.02 / 1603

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