

## NRB

0800/3600  
only cooling

Air/Water Chillers for Outdoor Installation  
Scroll compressors, Plate Heat Exchangers and Axial Fans  
Cooling capacity 216,9÷1049,5 kW

HFC  
Refrigerant  
R410A

Variable Multi Flow<sup>®</sup>  
VMF



Aermec participate in the EUROVENT program: LCP the products are present on the site [www.eurovent-certification.com](http://www.eurovent-certification.com)



- MICROCHANNEL COIL
- HP FLOATING: ESEER +7% WITH INVERTER FANS
- NIGHT MODE

### Characteristics

Outdoor chillers for the production of chilled water with high efficiency scroll compressors, axial fans, microchannel condenser coils, and plate heat exchanger. In the units (with desuperheater or total recovery) 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.

#### Versions

NRB_°	Standard
NRB_L	Standard low noise
NRB_A	High efficiency
NRB_E	High efficiency low noise
NRB_U	Very high efficiency
NRB_N	Very 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 full range uses aluminium microchannel coils, ensuring very high levels of efficiency. This allows the use less refrigerant compared to traditional copper coils.
- **All standard NRB fit plate exchanger but we can even supply shell&tube version on demand.** For further information, please refer to specific literature.
- The possibility of using the electronic thermostatic valve brings significant benefits, particular in 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 and is 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 static pressures available.
- Microprocessor adjustment, complete with a 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.

- 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.
- **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 it is possible to save a log file with all the connected unit datas in the personal terminal for post analysis.
- **PGD1:** Remote control of the chiller operating functions.
- **MULTICHILLER\_EVO:** 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.**
- **FL:** Flow Switch. **The accessory must be mounted or otherwise forfeit warranty**
- **AVX:** Spring anti-vibration mounts.

#### Accessories factory fitted only

- **DRE:** Electronic soft starter which reduces starting current.
- **RIF:** Power factor correction. Connected in paral-

lel to the motor allowing about 10% reduction of input current).

- **XLA:** The Kit, which consists of resistances for the electric power board and "J" inverter fans, allows the outdoor air temperature operating range to be extended from -10°C to -20°C.
- **GP:** Coil guards.

#### COMPATIBILITY WITH THE VMF SYSTEM.

For further system information please refer to the specific documentation.

## Compatibility of Accessories

Mod. NRB	vers.	0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
AER485P1		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
AERNET		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
PGD1		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MULTICHILLER_EVO		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
DCPX	(1)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
FL		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
AVX	(1)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
<b>Accessories factory fitted only</b>																			
DRENRB		0800	0900	1000	1100	1200	1400	1600	-	-	-	-	-	-	-	-	-	-	
	°	0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
	L	0800	0900	1000	1100	1200	1400	1601	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
RIF	A	0800	0900	1000	1100	1200	1400	1601	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
	E	0800	0900	1000	1101	1201	1401	1601	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
	U	0800	0900	1000	1101	1201	1401	1601	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
	N	0801	0901	1001	1101	1201	1401	1601	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
GP	(1)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	(2) °	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*	*	*	
	(2) L	-	-	-	-	-	-	*	*	*	*	*	*	*	*	*	*	*	
XLA	(2) A	-	-	-	-	-	-	*	*	*	*	*	*	*	*	*	*	*	
	(2) E	-	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	(2) U	-	-	-	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	(2) N	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

(1) Refer to the technical documentation; (2) with the accessory XLA do not use the DCPX

## 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.

<b>Field</b>	<b>Description</b>	<b>15-16</b>	<b>Integrated hydronic kit</b>
<b>1,2,3</b>	<b>NRB</b>	<b>00</b>	Without hydronic kit
<b>4,5,6,7</b>	<b>Sizes (2)</b> 0800-0900-1000-1100-1200-1400-1600-1800-2000- 2200-2400-2600-2800-3000-3200-3400-3600		<b>With n°1 pump: (6)</b>
<b>8</b>	<b>Operational Limits</b>	<b>PA</b>	Pump A
	° Standard (temperature of water produced up to +4 °C) <sup>(3)</sup>	<b>PB</b>	Pump B
<b>Y</b>	Low Temperature (temperature of water produced from +4°C a -8°C) <sup>(4)</sup>	<b>PC</b>	Pump C
<b>X</b>	Electronic Thermostatic Valve (temperature of water produced up to +4 °C)	<b>PD</b>	Pump D
<b>Z</b>	Low Temperature Electronic Thermostatic Valve (temperature of water produced from +4°C a -8°C) <sup>(4)</sup>	<b>PE</b>	Pump E
<b>9</b>	<b>Model</b>	<b>PF</b>	Pump F
	° Cooling Only	<b>PG</b>	Pump G
	<b>C</b> Motor Condensing Unit <sup>(5)</sup>	<b>PH</b>	Pump H
<b>10</b>	<b>Heat recovery</b>	<b>PI</b>	Pump I
	° Without Heat Recovery	<b>PJ</b>	Pump J
	<b>D</b> With Desuperheater <sup>(5)</sup>		<b>With n°2 pump: (6)</b>
	<b>T</b> With Total Recovery <sup>(5)</sup>	<b>DA</b>	Pump A and Stand-by pump
<b>11</b>	<b>Version</b>	<b>DB</b>	Pump B and Stand-by pump
	° Standard	<b>DC</b>	Pump C and Stand-by pump
	<b>L</b> Low Noise Standard	<b>DD</b>	Pump D and Stand-by pump
	<b>A</b> High Efficiency	<b>DE</b>	Pump E and Stand-by pump
	<b>E</b> Low Noise High Efficiency	<b>DF</b>	Pump F and Stand-by pump
	<b>U</b> Very High Efficiency	<b>DG</b>	Pump G and Stand-by pump
	<b>N</b> Low noise very high efficiency	<b>DH</b>	Pump H and Stand-by pump
<b>12</b>	<b>Coils</b>	<b>DI</b>	Pump I and Stand-by pump
	° Aluminium microchannel	<b>DJ</b>	Pump J and Stand-by pump
	<b>O</b> Painted Aluminium Microchannel		<b>With n° 1 pump and buffer tank: (6)(7)</b>
	<b>R</b> Copper - copper	<b>AA</b>	Pump A and buffer tank
	<b>S</b> Copper - Tinned	<b>AB</b>	Pump B and buffer tank
<b>13</b>	<b>Fans</b>	<b>AC</b>	Pump C and buffer tank
	° Standard	<b>AD</b>	Pump D and buffer tank
	<b>M</b> Increased	<b>AE</b>	Pump E and buffer tank
	<b>J</b> Inverter	<b>AF</b>	Pump F and buffer tank
<b>14</b>	<b>Power supply</b>	<b>AG</b>	Pump G and buffer tank
	° 400V/3/50Hz magnet circuit breakers	<b>AH</b>	Pump H and buffer tank
		<b>AI</b>	Pump I and buffer tank
		<b>AJ</b>	Pump J and buffer tank
			<b>With n° 2 pumps and buffer tank: (6)(7)</b>
		<b>BA</b>	Pump A with Stand-by pump and buffer tank
		<b>BB</b>	Pump B with Stand-by pump and buffer tank
		<b>BC</b>	Pump C with Stand-by pump and buffer tank
		<b>BD</b>	Pump D with Stand-by pump and buffer tank
		<b>BE</b>	Pump E with Stand-by pump and buffer tank
		<b>BF</b>	Pump F with Stand-by pump and buffer tank
		<b>BG</b>	Pump G with Stand-by pump and buffer tank
		<b>BH</b>	Pump H with Stand-by pump and buffer tank
		<b>BI</b>	Pump I with Stand-by pump and buffer tank
		<b>BJ</b>	Pump J with Stand-by pump and buffer tank

(2) The availability of models is to be agreed with the Technical Sales

(3) Sizes from 1800÷3600 standard with the electronic thermostatic valve

(4) In the versions A-E-U-N it's possible produce cooling water up to -10°C, for more information contact us

(5) The motor condensing units are not configurable with option Y/X/Z

The models with total recovery "D/T" are not configurable with Y/Z and with vers. "C"

(6) All hydronic kit (from PA to BJ) are not compatible for the following sizes and versions with heat recovery "T":

- 0800 - 0900 - 1000 - 1100 versions "mm"

- 0800 - 0900 versions "A"

- 0800 - 0900 versions "L"

(7) All hydraulic kit with pump / and buffer tank (from AA to BJ) are not compatible for all sizes and versions with heat recovery "T"

## Technical Data

NRB - °			0800	0900	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	221,5	244,5	270,3	299,7	353,1	404,9	439,0	511,2	560,9	598,2	675,8	721,6	786,8	830,6	880,2	945,8	998,2
	Total power input	(1) kW	73,3	83,1	94,1	110,3	117,5	135,4	155,1	175,7	194,0	216,6	236,5	256,0	270,3	292,6	314,7	329,4	355,2
	EER	(1)	3,02	2,94	2,87	2,72	3,00	2,99	2,83	2,91	2,89	2,76	2,86	2,82	2,91	2,84	2,80	2,87	2,81
	Water flow rate	(1) l/h	38117	42076	46497	51565	60733	69640	75511	87913	96469	102882	116222	124099	135304	142812	151332	162608	171610
	Pressure drop	(1) kPa	46	55	38	45	44	39	46	40	47	53	52	58	60	36	39	46	43
<b>Cooling capacity with low leaving water temp</b>																			
	SEER		4,09	4,00	3,98	3,89	4,22	4,25	4,13	4,12	4,17	4,11	4,14	4,14	4,23	4,16	4,13	4,19	4,12
	ηsc	%	160,5	156,9	156,0	152,7	165,7	167,1	162,0	161,9	163,7	161,2	162,5	162,7	166,0	163,2	162,1	164,7	161,8

NRB - L			0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
12°C / 7°C	Cooling capacity	(1) kW	216,9	237,7	272,7	307,7	343,9	391,0	438,4	498,2	555,4	608,2	666,2	727,2	770,0	834,2	886,6	952,6	1004,1
	Total power input	(1) kW	73,0	85,9	92,0	107,4	122,7	139,0	151,9	173,3	191,6	213,6	233,8	246,8	270,1	284,5	307,5	323,1	347,9
	EER	(1)	2,97	2,77	2,97	2,87	2,80	2,81	2,89	2,87	2,90	2,85	2,85	2,95	2,85	2,93	2,88	2,95	2,89
	Water flow rate	(1) l/h	37323	40890	46905	52926	59137	67243	75380	85669	95497	104585	114564	125029	132382	143407	152424	163776	172631
	Pressure drop	(1) kPa	25	20	27	24	29	23	30	28	37	36	44	28	31	30	34	39	43
<b>Cooling capacity with low leaving water temp</b>																			
	SEER		4,13	3,94	4,15	4,12	4,15	4,15	4,27	4,17	4,14	4,12	4,12	4,28	4,14	4,19	4,18	4,18	4,16
	ηsc	%	162,1	154,6	163,0	161,9	163,0	164,3	167,7	163,6	162,5	161,8	161,9	168,3	162,5	164,6	164,1	164,3	163,5

NRB - A			0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
12°C / 7°C	Cooling capacity	(1) kW	224,1	252,2	283,7	326,1	361,2	411,7	462,2	519,2	576,0	633,3	697,6	757,5	805,8	867,0	928,7	980,8	1026,8	
	Total power input	(1) kW	70,6	80,9	90,2	104,7	115,3	131,8	147,6	166,3	183,5	203,1	223,3	240,5	256,5	277,0	297,0	314,4	330,3	
	EER	(1)	3,17	3,12	3,15	3,12	3,13	3,12	3,13	3,12	3,12	3,14	3,12	3,12	3,15	3,14	3,13	3,13	3,12	3,11
	Water flow rate	(1) l/h	38560	43394	48801	56076	62118	70789	79487	89271	99047	108893	119965	130235	138536	149047	159671	168621	176531	
	Pressure drop	(1) kPa	27	22	30	27	32	25	34	30	39	39	48	30	34	32	38	41	45	
<b>Cooling capacity with low leaving water temp</b>																				
	SEER		4,28	4,17	4,27	4,28	4,36	4,37	4,43	4,30	4,25	4,20	4,26	4,37	4,29	4,27	4,27	4,22	4,20	
	ηsc	%	168,3	163,6	167,6	168,3	171,5	165,9	174,0	168,8	167,0	165,1	167,4	171,6	168,7	167,8	167,9	165,9	164,9	

NRB - E			0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
12°C / 7°C	Cooling capacity	(1) kW	219,2	248,3	275,0	321,4	358,7	403,2	455,0	514,5	569,0	637,2	688,3	741,1	794,3	857,9	911,7	965,1	1019,4	
	Total power input	(1) kW	69,6	79,4	88,5	102,2	114,9	129,8	144,5	164,7	183,0	203,4	221,4	236,5	255,5	274,7	290,6	310,5	327,8	
	EER	(1)	3,15	3,13	3,11	3,15	3,12	3,11	3,15	3,12	3,11	3,13	3,13	3,11	3,12	3,11	3,12	3,14	3,11	3,11
	Water flow rate	(1) l/h	37709	42725	47302	55271	61679	69338	78240	88465	97840	109549	118323	127416	136570	147496	156743	165934	175268	
	Pressure drop	(1) kPa	19	23	20	27	21	27	26	33	33	22	25	30	34	33	38	41	46	
<b>Cooling capacity with low leaving water temp</b>																				
	SEER		4,30	4,20	4,26	4,35	4,40	4,35	4,51	4,33	4,23	4,30	4,31	4,38	4,28	4,30	4,34	4,25	4,28	
	ηsc	%	168,8	165,0	167,4	170,9	173,1	167,0	177,2	170,0	166,2	168,9	169,5	172,2	168,0	168,8	170,4	167,0	168,2	

NRB - U			0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
12°C / 7°C	Cooling capacity	(1) kW	227,6	257,6	286,5	329,6	369,8	414,7	466,9	529,2	594,0	655,1	716,9	765,5	815,3	879,0	940,9	999,7	1049,5
	Total power input	(1) kW	68,8	77,7	86,8	99,5	111,7	126,1	140,9	159,5	179,0	197,8	215,3	229,4	248,9	265,7	282,3	302,5	319,5
	EER	(1)	3,31	3,31	3,30	3,31	3,31	3,29	3,31	3,32	3,32	3,31	3,33	3,34	3,28	3,31	3,33	3,30	3,28
	Water flow rate	(1) l/h	39150	44308	49293	56689	63595	71301	80285	91002	102137	112618	123250	131615	140178	151126	161768	171875	180442
	Pressure drop	(1) kPa	20	25	21	29	23	28	27	35	36	23	27	32	36	35	40	44	49
<b>Cooling capacity with low leaving water temp</b>																			
	SEER		4,35	4,35	4,38	4,47	4,51	4,50	4,58	4,51	4,42	4,42	4,47	4,56	4,36	4,40	4,47	4,35	4,36
	ηsc	%	171,0	170,8	172,1	175,8	177,5	171,0	180,1	177,2	173,7	173,6	175,9	179,2	171,5	173,0	175,6	171,0	171,4

NRB - N			0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
12°C / 7°C	Cooling capacity	(1) kW	227,7	260,4	284,7	327,7	367,7	412,3	466,1	521,6	579,1	645,7	702,6	749,4	804,7	866,4	926,7	973,5	1029,9	
	Total power input	(1) kW	68,5	78,9	86,4	98,5	111,9	125,4	140,4	157,8	176,0	194,6	212,9	229,0	246,7	263,5	282,7	301,1	319,3	
	EER	(1)	3,32	3,30	3,30	3,33	3,29	3,29	3,32	3,31	3,29	3,32	3,30	3,32	3,27	3,26	3,29	3,28	3,23	3,23
	Water flow rate	(1) l/h	39166	44791	48971	56365	63233	70905	80150	89691	99568	111008	120788	128848	138355	148960	159327	167376	177077	
	Pressure drop	(1) kPa	20	25	21	28	23	28	27	34	34	23	26	30	35	34	39	42	47	
<b>Cooling capacity with low leaving water temp</b>																				
	SEER		4,44	4,38	4,44	4,55	4,54	4,56	4,65	4,54	4,43	4,47	4,49	4,49	4,40	4,44	4,43	4,33	4,35	
	ηsc	%	174,6	172,2	174,4	178,8	178,6	170,1	182,9	178,4	174,0	175,9	176,4	176,7	172,9	174,4	174,3	170,1	170,9	

Date (14511:2018)

(1) System side water 12°C/7°C, External air 35°C

### Dimensions (mm)

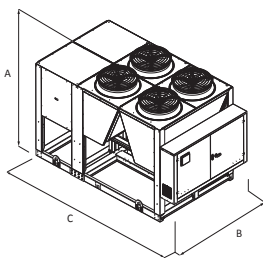
			0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
<b>Electrical data</b>																				
Total input current (cooling)	°	(2)	A	128	143	160	186	202	230	261	300	330	367	405	434	459	498	535	563	606
Maximum current (FLA)	°	(2)	A	164	181	197	226	262	291	320	367	408	449	497	529	569	610	650	698	739
Starting current (LRA)	°	(2)	A	353	408	424	477	513	625	654	637	678	719	766	799	838	879	920	967	1008
Total input current (cooling)	L	(2)	A	123	142	154	179	203	232	251	290	319	359	390	413	449	479	513	545	585
Maximum current (FLA)	L		A	177	193	222	252	281	310	352	393	446	487	547	592	625	666	720	761	802
Starting current (LRA)	L		A	366	421	450	503	532	644	686	662	716	757	816	862	895	936	989	1030	1071
Total input current (cooling)	A	(2)	A	124	140	159	182	198	224	252	284	316	349	386	418	442	476	513	542	568
Maximum current (FLA)	A		A	177	193	222	252	281	310	352	393	446	487	547	592	625	666	720	761	802
Starting current (LRA)	A		A	366	421	450	503	532	644	686	662	716	757	816	862	895	936	989	1030	1071
Total input current (cooling)	E	(2)	A	119	135	149	172	193	216	240	275	306	343	373	397	426	460	488	521	549
Maximum current (FLA)	E		A	190	206	222	265	294	323	365	424	465	519	560	605	638	692	745	786	827
Starting current (LRA)	E		A	378	434	450	515	545	657	699	693	734	788	829	874	907	961	1015	1056	1096
Total input current (cooling)	U	(2)	A	124	138	153	176	196	218	244	278	312	348	377	401	432	463	494	528	556
Maximum current (FLA)	U		A	190	206	222	265	294	323	365	424	465	519	560	605	638	692	745	786	827
Starting current (LRA)	U		A	378	434	450	515	545	657	699	693	734	788	829	874	907	961	1015	1056	1096
Total input current (cooling)	N	(2)	A	118	135	147	167	189	209	234	264	295	329	360	385	412	442	475	506	536
Maximum current (FLA)	N		A	203	219	235	277	307	336	383	437	478	531	572	618	651	704	758	799	840
Starting current (LRA)	N		A	391	446	463	528	557	670	717	706	747	801	842	887	920	974	1027	1068	1109
<b>Scroll Compressor</b>																				
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																
<b>Plate Heat exchanger system side (Option Shell&amp;Tube Heat exchanger)</b>																				
Exchanger			n°	1																
hydraulic connections (In/Out)			Ø	Please refer to technical documentation																
<b>Axial fans</b>																				
Fan	°	n°	4	4	4	4	6	6	6	8	8	8	10	10	12	12	12	14	14	14
Air flow rate	°	m³/h	64000	64000	64000	64000	96000	96000	96000	128000	128000	128000	160000	160000	192000	192000	192000	224000	224000	224000
Fan	L	n°	4	4	6	6	6	6	8	8	8	10	10	12	14	14	14	16	16	16
Air flow rate	L	m³/h	46000	46000	69000	69000	69000	69000	92000	92000	115000	115000	138000	161000	161000	161000	184000	184000	184000	208000
Fan	A	n°	4	4	6	6	6	6	8	8	8	10	10	12	14	14	14	16	16	16
Air flow rate	A	m³/h	64000	64000	96000	96000	96000	96000	128000	128000	160000	160000	192000	224000	224000	224000	256000	256000	256000	288000
Fan	E	n°	6	6	6	8	8	8	10	12	12	14	14	16	16	18	20	20	20	20
Air flow rate	E	m³/h	69000	69000	69000	92000	92000	92000	115000	138000	138000	161000	161000	184000	184000	207000	230000	230000	230000	230000
Fan	U	n°	6	6	6	8	8	8	10	12	12	14	14	16	16	18	20	20	20	20
Air flow rate	U	m³/h	96000	96000	96000	128000	128000	128000	160000	192000	192000	224000	224000	256000	256000	288000	320000	320000	320000	320000
Fan	N	n°	8	8	8	10	10	10	10	12	14	14	16	16	18	20	22	22	22	22
Air flow rate	N	m³/h	92000	92000	92000	115000	115000	115000	138000	161000	161000	184000	184000	207000	207000	230000	253000	253000	253000	253000
<b>Sound data (cooling)</b>																				
Sound power level	°	dB(A)	88	88	88	88	90	90	90	92	92	93	95	95	96	96	96	96	96	96
	L	dB(A)	83	83	85	85	85	86	86	88	89	90	90	91	91	92	92	93	93	93
	A	dB(A)	88	88	90	90	90	90	91	92	94	94	96	96	96	96	97	97	97	97
	E	dB(A)	85	85	85	86	86	86	88	88	89	91	91	92	92	93	93	93	93	93
	U	dB(A)	90	90	90	91	91	91	93	94	95	96	96	97	97	98	98	98	98	98
	N	dB(A)	86	86	86	88	88	88	88	90	90	91	92	93	93	93	94	94	94	94

(2) Unit standard configuration without hydronic kit

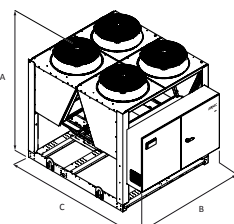
**Sound power** Aermec determines sound power values on the basis of measurements made in accordance with UNI EN ISO 9614-2, as required for Eurovent certification.

### Dimensions (mm)

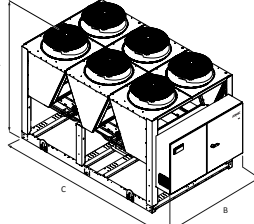
(1) Unit with buffer tank  
NRB0800÷1100° (1)  
NRB0800÷0900 L/A (1)



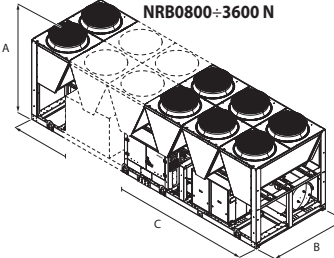
NRB0800÷1100°  
NRB0800÷0900 L/A



NRB1200÷1600°  
NRB1000÷1400 L/A  
NRB0800÷1000 E/U



NRB1800÷3600°  
NRB1600÷3600 L/A  
NRB1100÷3600 E/U  
NRB0800÷3600 N



NRB			0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600		
Height	A	Alls	mm	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	
Width	B	Alls	mm	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	
		°	mm	2780*	2780*	2780*	2780*	3970	3970	3970	4760	4760	4760	5950	5950	5950	7140	7140	7140	8330	8330
Depth	C	L	mm	2780*	2780*	3970	3970	3970	3970	4760	4760	5950	5950	7140	8330	8330	8330	9520	9520	9520	9520
		A	mm	2780*	2780*	3970	3970	3970	3970	4760	4760	5950	5950	7140	8330	8330	8330	9520	9520	9520	9520
		E	mm	3970	3970	3970	4760	4760	4760	5950	7140	7140	8330	8330	9520	9520	9520	10710	11900	11900	11900
		U	mm	3970	3970	3970	4760	4760	4760	5950	7140	7140	8330	8330	9520	9520	9520	10710	11900	11900	11900
		N	mm	4760	4760	4760	5950	5950	5950	7140	8330	8330	9520	9520	10710	10710	11900	13090	13090	13090	
Empty weight	°		kg	2240	2280	2350	2390	2880	2930	2960	3580	3660	3740	4270	4500	5150	5390	5470	6000	6150	
	L	kg	2260	2320	2800	2870	2910	2970	3490	3630	4110	4230	4670	5510	5760	5910	6390	6520	6600		
	A	kg	2260	2320	2800	2870	2910	2970	3490	3630	4110	4230	4670	5510	5760	5910	6390	6520	6600		
	E	kg	2720	2760	2840	3370	3440	3460	3940	4390	4510	5200	5280	5910	6160	6700	7140	7220	7300		
	U	kg	2720	2760	2840	3370	3440	3460	3940	4390	4510	5200	5280	5910	6160	6700	7140	7220	7300		
N	kg	3220	3270	3340	3770	3840	3870	4290	4840	4970	5600	5680	6310	6560	7010	7540	7620	7700			

\* Depth units Standard or with pump, for the unit with buffer tank the depth is 3970mm

The weight is the standard unit with the plates heat exchanger and without hydronic kit

Aermec reserves the right to make all modification deemed necessary for improving the product at any time with any modification of technical data.

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