



NRI-NRIH

NRL - NRLH
MultiScroll Technology
+ saving
+ comfort
+ well-being

Multiscroll Technology Chillers and Heat Pumps Series NRL - NRLH with R410A

Green Comfort, Reliability and Savings

• High energy efficiency, especially at partial loads thanks to the ecological refrigerant R410A and MultiScroll Technology;



- Maximum reliability thanks to the MultiCircuit system;
- Unmatched versatility: over 12900 configurations;
- Free-Cooling and Free Heating options for maximum overall energy efficiency;
- Production of Domestic Hot Water all year round;
- Performance guaranteed by Eurovent certification for the entire range.

-35%

IT IS THE ANNUAL POWER SAVING COMPARED TO TRADITIONAL R407C SERIES. POWER CONSUMPTION OF THE TRADITIONAL R407C SCROLL CHILLERS-HEAT POWER CONSUMPTION OF THE NEW NRL/NRLH WITH R410A MULTISCROLL TECHNOLOGY

-35%

IT IS THE REDUCTION OF CO2, CARBON DIOXIDE EMISSIONS RESPONSIBLE FOR THE GREENHOUSE EFFECT.





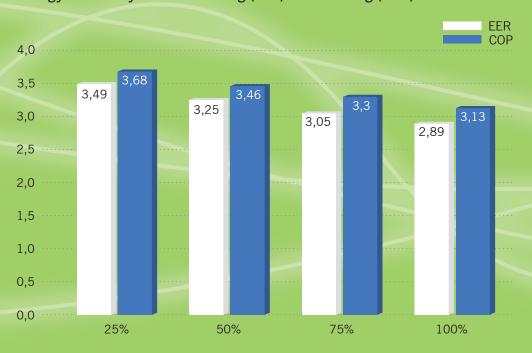








Energy efficiency ratio in cooling (EER) and heating (COP) in relation to the load variation



The Multiscroll Technology is the ideal choice for all civil and industrial applications where the machine is expected to operate at partial loads. In fact, with NRL/NRLH chillers and heat pumps, greater energy efficiencies are gradually obtained as the heating/cooling loads of the building being cooled/heated decrease.



-35%

IT IS THE ANNUAL SAVING OF ELECTRICITY COMPARED TO TRADITIONAL R407C SERIES. -6dB(A)

IT IS THE AVERAGE NOISE LEVEL
REDUCTION OF THE EXTRA SILENT MODELS
IN RELATION TO THE STANDARD MODELS.

-35%

IT IS THE REDUCTION OF CO2, CARBON DIOXIDE EMISSIONS RESPONSIBLE FOR THE GREENHOUSE EFFECT.

SAVINGS ON BILLS

Thanks to Multiscroll

Technology and the NRL - NRLH chillers and heat pumps can achieve substantial savings in electricity bills, both for summer air conditioning and for heating purposes, as well as for domestic hot water production.

These savings can reach 35% a year compared to traditional R407C machines. That is to say that for every 100 euro spent on electricity, the new series will save you about 35 euros.

OUIET NIGHTS

The NRL - NRLH series Multiscroll Technology was designed with

particular emphasis on quiet operation, thanks to the choice of components with the highest acoustic quality and the continuous monitoring of the machines being developed within the Aermec Research and development department. The NRL-NRLH Multiscroll Technology series features the extra Silent version, which achieves extra low sound levels (up to 8 db(A) less than the standard version). The accuracy of

acoustic data reported by Aermec is guaranteed by the european body of certification Eurovent.

MAXIMUM VERSATILITY

The NRL-NRLH series Multiscroll

Technology is available in over 12900 different configurations. One of the available configurations for example is with electronic expansion valve which allows a more efficient operation and a wider range of applications. Inverter fans are also available, for a quick and precise adjustment of the fan speeds resulting in low noise and savings. The heat recovery systems (partial or total) allow to recover free domestic hot water in large quantities, thus further raising the overall performance of the system. The versions with pumps and/or water tanks make the units really plug-and-play ones of great energy interest is the free Cooling version that allows to produce chilled water free of charge, using the ambient cold air. The free Cooling machines are also available in the Glycol free configuration. A wide range of accessories

allow to choose the machine most suited for the specific system requirements.

LESS WEIGHT AND SIZE

The use of R410A refrigerant with higher specific efficiency and the optimisation of the hydraulic and refrigerant circuit layouts, makes the NRL-NRLH Multiscroll Technology series lighter and less bulky than the traditional R407C series.

RESPECT FOR THE ENVIRONMENT

The NRL-

NRLH series is environmentally friendly thanks to the increased energy efficiency and the use of R410A refrigerant, which is harmless to the ozone layer: R410A is a refrigerant with high thermodynamic efficiency that allows, together with the use of Multiscroll Technology, to reduce Co2 emissions. By adding up the savings obtained in air conditioning in summer, heating in winter and the production of domestic hot water, Co2 emissions are reduced by 35% compared to traditional

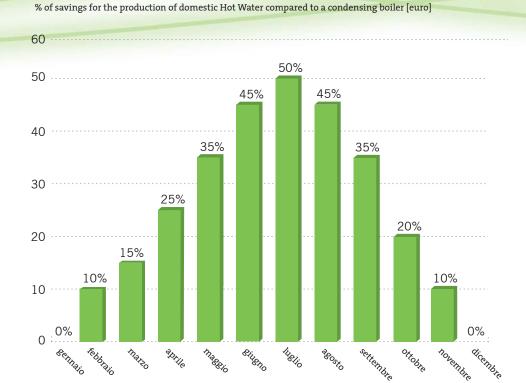
IT IS THE INCREASE OF THE SEASONAL **ENERGY EFFICIENCY ESEER COMPARED TO** TRADITIONAL R407C CHILLERS.

IT IS THE INCREASED RELIABILITY OF DUAL IT IS THE AVERAGE ANNUAL COST SAVING COOLING CIRCUIT SYSTEMS IN RELATION TO SYSTEMS WITH MONO-CIRCUITS

FOR THE PRODUCTION OF DOMESTIC HOT WATER IN RELATION TO A CONDENSING BOILER.



The NRLH Multiscroll Technology heat pumps can produce hot water with outside temperatures down to -15° C. The outlet water temperature can reach 55° C even in the summer. This allows the use of NRL-H Multiscroll Technology for the production of domestic hot water and swimming pool heating all year round.





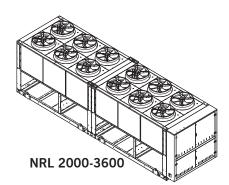
NRL 280-300



NRL 350

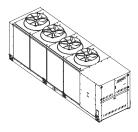


NRL 500-700





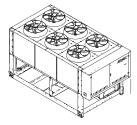
NRL 0750-0800-0900 °-L NRL 750 A-E



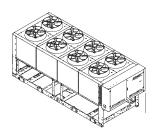
NRL 1250-1250 °-L



NRL 1404-1504 NRL 0800-0900 A-E NRL 1000 A-E



NRL 1655-1800 °-L NRL 0800-0900 A-E NRL 1000 A E



NRL 1650-1800 A-E

Mod. NRL		Vers.	0280	0300	0330	0350	Vers.	0280	0300	0330	0350
WIOG. IVIL		o	-	0300	-	-	H	-	-	-	-
	(kW)	-	53	63	68	80	HL	51	61	66	73
Cooling capacity								-	-	-	-
		A	-	-	-	-	HA				77
		E	57	65	74	83	HE	53	62	69	
	(W/W)	0	-	-	-	-	Н	-	-	-	-
EER		L	2,54	2,72	2,54	2,78	HL	2,48	2,65	2,46	2,31
LLIX	(**/**/	Α	-	-	-	-	HA	-	-	-	-
		Е	3,30	3,27	3,32	3,23	HE	2,92	3,04	2,95	2,85
	(W/W)	0	-	-	-	-	Н	-	-	-	-
FOFFD		L	3,01	3,22	3,01	3,29	HL	3,02	3,23	3,02	3,31
ESEER		Α	-	-	_	-	HA	-	-	-	-
		Е	3,75	3,72	3,80	3,68	HE	3,85	3,77	3,85	3,73
			,	,	,		Н	-	-	-	-
	(1) 40						HL	58	68	76	83
Heating capacity	(kW)						НА	-	-	-	-
							HE	59	69	76	86
							Н	-	-	-	-
	(W/W)						HL	3,07	3,15	3,04	2,91
COP							HA	-	-	-	-
							HE	3,38	3,36	3,34	3,30
Mod NDI		Vors	0500		0550	,	0600		2650		0700

Mod. NRL		Vers.	0500	0550	0600	0650	0700
	(kW)	0	96	102	125	136	155
Cooling capacity		L	87	92	112	126	143
Cooling capacity	(KVV)	Α	97	103	128	142	162
		Е	90	95	116	128	149
		0	2,72	2,63	2,68	2,49	2,54
EER	(W/W)	L	2,22	2,15	2,18	2,17	2,18
LLIX		Α	3,17	2,97	3,14	3,13	3,04
		Е	2,67	2,54	2,59	2,45	2,60
	(W/W)	0	3,28	3,17	3,66	3,42	3,48
ESEER		L	3,27	3,17	3,66	3,42	3,48
LJLLIN	(۷ ۷ / ۷ ۷)	Α	3,68	3,45	4,07	4,04	3,93
		Е	3,65	3,43	3,97	3,95	3,83
Mod. NRL		Vers.	0500	0550	0600	0650	0700
	(kW)	Н	89	94	114	133	144
Cooling consoits		HL	83	89	109	123	139
Cooling capacity		HA	94	100	121	137	149
		HE	90	95	114	127	142
	(W/W)	Н	2,42	2,30	2,30	2,46	2,26
FED		HL	2,06	2,06	2,09	2,09	2,10
EER	(۷۷/ ۷۷)	HA	3,04	2,92	2,92	2,83	2,87
		HE	2,68	2,57	2,50	2,39	2,43
		Н	3,30	3,19	3,69	3,42	3,50
FOFFD	(\A/\A/\	HL	3,28	3,18	3,66	3,42	3,48
ESEER	(W/W)	HA	3,71	3,48	4,13	4,09	3,98
		HE	3,67	3,45	4,03	3,99	3,87
		Н	98	104	127	138	157
Heating consoits	(kW)	HL	100	107	130	151	166
Heating capacity		HA	104	111	136	153	172
		HE	104	111	136	153	172
		Н	2,89	2,83	2,89	2,82	2,79
COD	(\A/(\A/)	HL	2,95	2,91	2,95	3,08	2,95
COP	(W/W)	НА	3,26	3,22	3,33	3,34	3,24
		HE	3,26	3,22	3,33	3,34	3,24

Performance values refer to the following conditions:

Data declared in accordance with UNI EN 14511: 2011

COOLING:

- Water outlet temperature 7 °C;
- Ambient temp. 35 °C;
- $\Delta t = 5$ °C

HEATING:

- Water outlet temperature 45 °C;
- Ambient temp. 7 °C D.B. 6 °C W.B.;
- ∆t = 5 °C



Aermec participate in the EUROVENT program: LCP/A/P/C, up to 600 kW The products are present on the site www.eurovent-certification.com

Mod. NRL	U.M.	Vers.	0750	0800	0900	1000	1250	1404	1504	1655	1800
		0	189	210	230	255	301	336	373	410	447
Cooling	(kW)	L	173	189	209	234	270	301	334	365	392
capacity	(KVV)	Α	194	217	241	269	320	355	397	435	467
		Е	179	202	223	249	296	327	365	407	434
		0	2,67	2,65	2,46	2,42	2,45	2,33	2,28	2,32	2,36
EED	(\A(\A(\)	L	2,27	2,13	2,05	2,05	1,99	1,90	1,87	1,88	1,87
EER	(W/W)	Α	3,06	3,09	2,92	2,85	2,97	2,81	2,76	2,79	2,76
		Е	2,59	2,62	2,50	2,43	2,54	2,41	2,35	2,44	2,40
		0	3,63	3,96	3,76	3,75	3,71	3,55	3,46	3,57	3,64
FOFFD	(\A(\)A(\)	L	3,65	3,91	3,78	3,76	3,65	3,49	3,44	3,51	3,49
ESEER	(W/W)	Α	3,91	4,14	4,01	3,93	4,06	3,85	3,84	3,88	3,88
		Е	3,82	4,06	3,98	3,88	4,04	3,82	3,79	3,87	3,86
Mod. NRL	U.M.	Vers.	0750	0800	0900	1000	1250	1404	1504	1655	1800
		Н	175	200	221	261	299	332	366	421	452
Cooling	(kW)	HL	164	183	199	236	264	301	331	372	396
capacity	(KVV)	HA	179	210	238	260	313	350	386	435	470
		HE	174	193	212	230	283	318	354	397	424
COP	(W/W)	H - HL	3,03	3,00	2,98	3,02	3,03	3,02	3,00	2,99	3,00
	(11,11)	HA - HE	3,28/3,29	3,11	3,13	3,11	3,09	3,10	3,08	3,13	3,17
Heating	(kW)	Н	203	228	257	295	342	386	429	470	505
capacity		HA - HE	205	234	264	295	346	390	435	486	526
		Н	2,46	2,44	2,33	2,55	2,46	2,35	2,28	2,51	2,50
EER	(W/W)	HL	2,09	2,02	1,88	2,09	1,93	1,94	1,89	1,98	1,93
		HA	2,79	2,84	2,86	2,73	2,83	2,74	2,67	2,85	2,87
		HE	2,49	2,36	2,23	2,13	2,29	2,25	2,22	2,34	2,31
		H	3,66	3,85	3,66	3,67	3,63	3,50	3,44	3,45	3,53
ESEER	(W/W)	HL HA	3,67 3,98	3,79 4,01	3,66 3,90	3,66 3,82	3,56 3,96	3,42 3,80	3,39 3,72	3,39 3,74	3,37 3,71
LOLLIN		11/1	3.30	4.01						3.74	
Med NDI	11.54	HE	3,87	3,92	3,87	3,78	3,93	3,77	3,66	3,72	3,74
Mod. NRL	U.M.		3,87 2000	3,92 225 0	3,87	3,78 °2500	3,93 * 2808	3,77 * 3008	3,66 * 3	3,72 310	3,74 * 3600
Mod. NRL	-	HE Vers.	3,87	3,92	3,87	3,78	3,93 * 2808 671	3,77 * 3008 741	3,66 * 3	3,72 310 20	3,74 * 3600 894
Cooling	U.M. (kW)	HE Vers.	3,87 2000 -	3,92 225 -	3,87 0 *	3,78 * 2500 -	3,93 * 2808	3,77 * 3008	3,66 *3 8 7	3,72 310	3,74 * 3600
	-	HE Vers. L A E	3,87 2000 - -	3,92 225 0 - -	3,87 0 *	3,78 * 2500 - -	3,93 *2808 671 600 709 656	3,77 *3008 741 669 793 731	3,66 *3 8 7 8	3,72 310 220 30 884 115	3,74 *3600 894 783 949 869
Cooling	-	HE Vers. L A	3,87 2000 - - - 538	3,92 225 - - - 589	3,87 0 *	3,78 * 2500 - - *640	3,93 *2808 671 600 709 656 2,34	*3008 741 669 793 731 2,29	3,66 *3 8 7 8 8 2	3,72 310 220 30 84 115 ,32	3,74 *3600 894 783 949 869 2,36
Cooling	-	Vers. L A E L	3,87 2000 538 497	3,92 225 589 545	3,87	3,78 *2500	3,93 *2808 671 600 709 656 2,34 1,90	*3,77 *3008 741 669 793 731 2,29 1,87	3,66 *3 8 7 8 8 2 1	3,72 310 320 30 84 315 ,32 ,88	3,74 *3600 894 783 949 869 2,36 1,87
Cooling capacity	(kW) -	Vers. L A E C L A A A A A A A A A A A A A A A A A A	3,87 2000 - - 538 497 - - - 2,87	3,92 2250 589 545 2,98	3,87 0 *	3,78 *2500	3,93 *2808 671 600 709 656 2,34 1,90 2,82	3,77 *3008 741 669 793 731 2,29 1,87 2,77	3,66 *3 8 7 8 8 2 1	3,72 310 220 30 84 315 ,32 ,88 ,95	3,74 *3600 894 783 949 869 2,36 1,87 2,93
Cooling capacity	(kW) -	Vers. L A E L	3,87 2000 538 497	3,92 225 589 545	3,87 0 *	3,78 *2500	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41	3,77 *3008 741 669 793 731 2,29 1,87 2,77 2,35	3,66 *3 8 7 8 8 2 1 2 2	3,72 310 320 30 84 415 ,32 ,88 ,95 ,45	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40
Cooling capacity EER	(kW) -	Vers. L A E	3,87 2000	3,92 2250	3,87	3,78 *2500 *640 594 2,97 2,55	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54	*3008 741 669 793 731 2,29 1,87 2,77 2,35 3,53 3,50	3,66 *3 8 7 8 8 2 1 2 2 3 3	3,72 310 220 330 884 115 ,32 ,88 ,95 ,45 ,62 ,55	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52
Cooling capacity	(kW) -	HE Vers. L A E A L A E L A A E A A A A A A A A	3,87 2000	3,92 2250	3,87	3,78 *2500 *640 594 2,97 2,55 4,14	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93	*3008 741 669 793 731 2,29 1,87 2,77 2,35 3,53 3,50 3,89	3,66 *3 8 7 8 8 2 1 2 3 3 3	3,72 310 220 330 84 115 ,32 ,88 ,95 ,45 ,62 ,55 ,93	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89
Cooling capacity EER ESEER	(kW) -	HE Vers. L A E L A E L A E A E E	3,87 2000	3,92 2250	3,87	3,78 *2500 *640 594 2,97 2,55 - 4,14 4,11	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89	*3008 741 669 793 731 2,29 1,87 2,77 2,35 3,53 3,50 3,89 3,83	3,66 *3 8 7 8 8 2 1 2 3 3 3 3	3,72 310 220 330 84 115 ,32 ,88 ,95 ,45 ,62 ,55 ,93 ,91	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91
Cooling capacity EER	(kW) -	HE Vers. L A E C L A E C L A E C Ve	3,87 2000	3,92 225	3,87 0 *	3,78 *2500 *640 594 2,97 2,55 4,14 4,11 *2500	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89 *2808	*3008 741 669 793 731 2,29 1,87 2,77 2,35 3,53 3,50 3,89 3,83 8 *3	3,66 *3 8 7 8 8 2 1 2 3 3 3 008	3,72 310 220 330 84 15 ,32 ,88 ,95 ,45 ,62 ,55 ,93 ,91 *3310	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91 *3600
Cooling capacity EER ESEER Mod. NRL	(kW) - (W/W) -	HE Vers. L A E L A E L A E Vers.	3,87 2000	3,92 2250	3,87 0 *	3,78 *2500	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89 *2808 665	*3008 741 669 793 731 2,29 1,87 2,77 2,35 3,53 3,50 3,89 3,83 8 *3	3,66 *3 8 7 8 8 2 1 2 3 3 3 008	3,72 310 220 330 84 315 ,32 ,88 ,95 ,45 ,62 ,55 ,93 ,91 *3310 844	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91 *3600 905
Cooling capacity EER ESEER	(kW) - (W/W) -	HE Vers. L A E L A E L A E Vers. Vers.	3,87 2000	3,92 2250	3,87	3,78 *2500 *640 594 2,97 2,55 - 4,14 4,11 *2500	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89 *280 665 601	3,77 *3008 741 669 793 731 2,29 1,87 2,77 2,35 3,53 3,50 3,89 3,83 8 *3 7 6	3,66 *3 8 7 8 8 2 1 2 3 3 3 008 7 8 8 8 8 8 8 8 8 8 8 8 8	3,72 310 (20 30 84 (15 ,32 ,88 ,95 ,45 ,62 ,55 ,93 ,91 *3310 844 743	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91 *3600 905 792
Cooling capacity EER ESEER Mod. NRL	(kW) - (W/W) -	HE Vers. L A E L A E L A E Vers. Vers.	3,87 2000	3,92 2250	3,87 0 *	3,78 *2500	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89 *2808 665	3,77 *3008 741 669 793 731 2,29 1,87 2,77 2,35 3,53 3,50 3,89 3,83 8 *3 7 6 7	3,66 *3 8 7 8 8 2 1 2 3 3 3 008	3,72 310 20 30 84 15 ,32 ,88 ,95 ,45 ,62 ,55 ,93 ,91 *3310 844 743 870	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91 *3600 905
Cooling capacity EER ESEER Mod. NRL	(kW) - (W/W) -	HE Vers. L A E L A E L A E Vers. Vers.	3,87 2000	3,92 225	3,87 0 * 3,87 0 * 2250	3,78 *2500 *640 594 2,97 2,55 4,14 4,11 *2500 - 626 566 -	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89 *280 665 601 699 637 2,36	*3008 741 669 793 731 2,29 1,87 2,77 2,35 3,53 3,50 3,89 3,83 8 *3 7 6 7 7 2	3,66 *3 8 7 8 8 2 1 2 3 3 3 008 (32 663 (72 707 ,29	3,72 310 20 30 84 15 ,32 ,88 ,95 ,45 ,62 ,55 ,93 ,91 *3310 844 743 870 792 2,52	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91 *3600 905 792 940 849 2,50
Cooling capacity EER ESEER Mod. NRL Cooling capa	(kW) - (W/W) - (W/W) -	HE Vers. L A E L A E E Vers. Vers. L A E F L A E F L A E F H H H H H H H H H H H H H H H H H H	3,87 2000	3,92 225	3,87 0 * 3 3 3 3 2 2250 - 572 513 - -	3,78 *2500 *640 594 2,97 2,55 4,14 4,11 *2500 - 626 566	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89 *280 665 601 699 637 2,36 1,94	*3008 741 669 793 731 2,29 1,87 2,35 3,53 3,50 3,89 3,83 *3 7 6 7 7 2 1 2 1	3,66 *3 8 7 8 8 2 1 2 2 3 3 3 0008 (32 663 (72 (707 ,29 ,89	3,72 310 20 30 84 15 ,32 ,88 ,95 ,45 ,62 ,55 ,93 ,91 *3310 844 743 870 792 2,52 1,97	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91 *3600 905 792 940 849 2,50 1,93
Cooling capacity EER ESEER Mod. NRL	(kW) - (W/W) -	HE Vers. L A E L A E L A E H H Vers. Vers.	3,87 2000	3,92 225	3,87 0 * 3 3 3 2 2250 - 572 513 - 2,78	3,78 *2500	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89 *280 665 601 699 637 2,36 1,94 2,75	*3,77 *3008 741 669 793 731 2,29 1,87 2,77 2,35 3,50 3,89 3,83 8 *3 7 66 7 7 2 1 1 2	3,66 *3 8 7 8 8 2 1 2 2 3 3 3 008 632 663 772 707 ,29 ,89 ,68	3,72 310 220 30 84 115 ,32 ,88 ,95 ,45 ,62 ,55 ,93 ,91 *3310 844 743 870 792 2,52 1,97 2,84	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91 *3600 905 792 940 849 2,50 1,93 2,87
Cooling capacity EER ESEER Mod. NRL Cooling capa	(kW) - (W/W) - (W/W) -	HE Vers. L A E L A E E Vers. Vers. L A E A E A E A E A E A E A E A E A E	3,87 2000	3,92 225	3,87 0 * 2250	3,78 *2500	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89 *280 665 601 699 637 2,36 1,94 2,75 2,26	*3008 741 669 793 731 2,29 1,87 2,77 2,35 3,50 3,89 3,83 8 *3 7 66 7 7 2 1 2 2 2	3,66 *3 8 7 8 8 2 1 2 2 3 3 3 008 32 63 77 77 77 79 ,89 ,68 ,23	3,72 310 220 330 884 115 ,32 ,88 ,95 ,45 ,62 ,55 ,93 ,91 *3310 844 743 870 792 2,52 1,97 2,84 2,33	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91 *3600 905 792 940 849 2,50 1,93 2,87 2,32
Cooling capacity EER ESEER Mod. NRL Cooling capa	(kW) - (W/W) - (W/W) - www.www.www.ww)	HE Vers. L A E L A E P Vers. Vers. Vers. L A E P H H H H H H H H H H H H H H H H H H	3,87 2000	3,92 225	3,87 0 * 3 3 3 2 2250 - 572 513 - 2,78	3,78 *2500	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89 *280 665 601 699 637 2,36 1,94 2,75 2,26 3,52	3,77 *3008 741 669 793 731 2,29 1,87 2,77 2,35 3,53 3,50 3,89 3,83 8 *3 7 6 7 7 2 2 1 2 2 3	3,66 *3 8 7 8 8 2 1 2 2 3 3 3 008 32 663 772 707 ,29 ,89 ,68 ,23 ,45	3,72 310 20 30 84 15 ,32 ,88 ,95 ,45 ,62 ,55 ,93 ,91 *3310 844 743 870 792 2,52 1,97 2,84 2,33 3,47	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91 *3600 905 792 940 849 2,50 1,93 2,87 2,32 3,54
Cooling capacity EER ESEER Mod. NRL Cooling capa	(kW) - (W/W) - (W/W) -	HE Vers. L A E L A E L A E Vers. Vers. Vers. Vers. Vers.	3,87 2000	3,92 225	3,87 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 *	3,78 *2500	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89 *280 665 601 699 637 2,36 1,94 2,75 2,26 3,52 3,44 3,82	3,77 *3008 741 669 793 731 2,29 1,87 2,77 2,35 3,53 3,50 3,89 3,83 8 *3 6 7 7 2 1 2 3 3 3 3	3,66 *3 8 7 8 8 7 8 8 2 1 2 2 3 3 3 008 (32 63 72 (07 ,29 ,89 ,68 ,23 ,45 .40 ,74	3,72 310 20 30 84 15 ,32 ,88 ,95 ,45 ,62 ,55 ,93 ,91 *3310 *43 870 792 2,52 1,97 2,84 2,33 3,47 3,40 3,75	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91 *3600 905 792 940 849 2,50 1,93 2,87 2,32 3,54 3,38 3,73
Cooling capacity EER ESEER Mod. NRL Cooling capacity	(kW) - (W/W) - (W/W) - www.www.www.ww)	HE Vers. L A E L A E L A E H H H H H H H H H H H H H H H H H H	3,87 2000	3,92 225	3,87 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 * 0 *	3,78 *2500 *640 594 2,97 2,55 4,14 4,11 *2500 626 566 2,84 2,29 3,98 3,95	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89 *280 665 601 699 637 2,36 1,94 2,75 2,26 3,52 3,44 3,82 3,78	*3008 741 669 793 731 2,29 1,87 2,77 2,35 3,53 3,50 3,89 3,83 *3 *3 *3 *3 *3 *3 *3 *3 *3	3,66 *3 8 7 8 8 2 1 2 2 3 3 3 008 (32 663 772 707 ,29 ,89 ,68 ,23 ,45 .40 ,74 ,68	3,72 310 320 30 84 315 32 388 95 ,45 ,62 ,55 ,93 ,91 *3310 *43 870 792 2,52 1,97 2,84 2,33 3,47 3,40 3,75 3,74	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91 *3600 905 792 940 849 2,50 1,93 2,87 2,32 3,54 3,38 3,73 3,75
Cooling capacity EER ESEER Mod. NRL Cooling capacity	(kW) - (W/W) - (W/W) - w/V	HE Vers. L A E L A E L A E Vers. Vers. L A E Vers. L A E L A	3,87 2000	3,92 225	3,87 0 * 3,87 0 * 3,87 0 * 3,87 0 * 4,00 0 * 5,00 0 * 5,00 0 * 5,00 0 * 6,0	3,78 *2500 *640 594 2,97 2,55 4,14 4,11 *2500 - 626 566 2,84 2,29 3,98 3,95	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89 *280 665 601 699 637 2,36 1,94 2,75 2,26 3,52 3,44 3,82 3,78 770	*3,77 *3008 741 669 793 731 2,29 1,87 2,77 2,35 3,53 3,50 3,89 3,83 *3 76 77 2 1 2 2 3 3 3 3 3 3 8	3,66 *3 8 7 8 8 7 8 8 2 1 2 2 3 3 3 008 (32 663 77 (32) 663 77 (40) 74 68 58	3,72 310 20 30 84 315 ,32 ,88 ,95 ,45 ,62 ,55 ,93 ,91 *3310 *44 743 870 792 2,52 1,97 2,84 2,33 3,47 3,40 3,75 3,74 940	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91 *3600 905 792 940 849 2,50 1,93 2,87 2,32 3,54 3,38 3,73 3,75 1009
Cooling capacity EER ESEER Mod. NRL Cooling capacity	(kW) - (W/W) - (W/W) - w/V	HE Vers. L A E L A E L A E Vers. Vers. L A E	3,87 2000	3,92 225	3,87 0 * 0 * 2250	3,78 *2500 *640 594 2,97 2,55 4,14 4,11 *2500 626 566 2,84 2,29 3,98 3,95	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89 *2806 665 6001 699 637 2,36 1,94 2,75 2,26 3,52 3,44 3,82 3,78 770 780	3,77 *3008 741 669 793 731 2,29 1,87 2,77 2,35 3,53 3,50 3,89 3,83 8 *3 76 77 22 11 22 23 33 33 33 88	3,66 *3 8 7 8 8 7 8 8 2 1 2 2 3 3 3 008 (32 663 77 (37 ,29 ,89 ,68 ,23 ,45 .40 ,74 ,68 558 870	3,72 310 320 30 84 415 ,32 ,88 ,95 ,45 ,62 ,55 ,93 ,91 *3310 *43310 *44 743 870 792 2,52 1,97 2,84 2,33 3,47 3,40 3,75 3,74 940 972	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91 *3600 905 792 940 849 2,50 1,93 2,87 2,32 3,54 3,38 3,73 3,75 1009 1050
Cooling capacity EER ESEER Mod. NRL Cooling capacity	(kW) - (W/W) - (W/W) - w/V	HE Vers. L A E L A E L A E Vers. Vers. L A E H H H H H H H H H H H H H H H H H H	3,87 2000	3,92 225	3,87 0 * 3,87 0 * 3,87 0 * 3,87 0 * 4,00 0 * 5,00 0 * 5,00 0 * 5,00 0 * 6,0	3,78 *2500 *640 594 2,97 2,55 4,14 4,11 *2500 - 626 566 2,84 2,29 3,98 3,95	3,93 *2808 671 600 709 656 2,34 1,90 2,82 2,41 3,61 3,54 3,93 3,89 *280 665 601 699 637 2,36 1,94 2,75 2,26 3,52 3,44 3,82 3,78 770	3,77 *3008 741 669 793 731 2,29 1,87 2,77 2,35 3,53 3,50 3,89 3,83 8 *3 7 6 7 7 2 1 2 2 3 3 3 3 3 8 8 8	3,66 *3 8 7 8 8 7 8 8 2 1 2 2 3 3 3 008 (32 663 77 (32) 663 77 (40) 74 68 58	3,72 310 20 30 84 315 ,32 ,88 ,95 ,45 ,62 ,55 ,93 ,91 *3310 *44 743 870 792 2,52 1,97 2,84 2,33 3,47 3,40 3,75 3,74 940	3,74 *3600 894 783 949 869 2,36 1,87 2,93 2,40 3,68 3,52 3,89 3,91 *3600 905 792 940 849 2,50 1,93 2,87 2,32 3,54 3,38 3,73 3,75 1009

Performance values refer to the following conditions:

Data declared in accordance with UNI EN 14511: 2011

COOLING:

- Water outlet temperature 7 °C;
- Ambient temp. 35 °C;
- $\Delta t = 5$ °C

HEATING:

- Water outlet temperature 45 °C;
- Ambient temp. 7 °C D.B. 6 °C W.B.;
- $\Delta t = 5$ °C



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The products are present on the site www.eurovent-certification.com

*Not certified model

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Aermec, productive reality and reference brand in Italy and Europe for air conditioning and climate control, has concentrated all its know-how and resources to the achievement of a complete series of chillers and heat pumps that can be used in applications ranging from domestic up to high capacity industrial ones. Within this range the NRA series was the successful response to the cooling and heating needs of medium and large users. Today, this range is improved by the new NRL-NRLH with R410A Multiscroll technology, putting innovation at the service of comfort and energy savings. A new stage in the technological evolution that makes Aermec a company keeping pace with the times.

