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Products Guide Pocket

50Hz



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AERMEC WORLD

Founded in 1961 in Bevilacqua (VR), its current headquarters and production site, Aermec has established itself worldwide over the years.

Today it counts on the collaboration of about 900 employees, a capillary network of 54 sales agencies in Italy, more than 70 foreign distributors and 80 Technical Assistance Services and 8 branches in Europe and worldwide.

From fan coils to high-power chillers, from air handling units to remote condensers and air conditioning units, Aermec - the company founded in 1961 by Giordano Riello that introduced the culture of air conditioning to our

country - offers ideal solutions for any type of system.

There is no building or air conditioning problem that Aermec products cannot handle with optimal and technologically advanced solutions, in response to the increasingly sophisticated needs of architects, design studios and installers, both in Italy and abroad.

Hotels, hospitals, theatres, museums, historical buildings, residential and commercial centres can enjoy ideal climate control thanks to Aermec technology and the experience and professionalism of its technicians.



LA FENICE THEATRE

The historic Venetian theatre, inaugurated in 1792, destroyed by fire in 1386 and rebuilt identical to the original, was devastated by another fire in 1996.

It was rebuilt, in almost eight years, in the style of its predecessor, along the lines of the design by architect Aldo Rossi who, without betraying the original architecture, adopted avant-garde technical solutions. It was finally inaugurated in December 2003.

The choice fell on Aermec fan coils for their quietness, an essential requirement in a theatre. Dressing rooms, common areas, offices and the small concert halls are served by a total of 143 fan coils, 122 of which are ceiling and underfloor models and 21 are recessed installation. All are equipped with double coils.



FCZ_P



FCL



WIMBLEDON CENTRE COURT

Wimbledon's historic Centre Court has hosted the finals of the world's most famous tennis tournament, organised by the All England Lawn Tennis and Croquet Club (AELTCC), since 1877. The club carried out a major redevelopment and modernisation of the courts, which was completed in 2009, to ensure Wimbledon's supremacy among the major tennis tournaments into the future.

The project expanded the Centre Court's seating capacity to 15,000 and realised its roof with a movable roof, to be activated on rainy days. In the event of activation, optimum air conditioning of the environment was ensured, safeguarding players, spectators and the playing field.

Nine air-water chillers were installed - in an extra-silenced version - with a cooling capacity of 888 kW each, for a total committed capacity of 8 MW.



RV



BORGWARNER POLAND SP. Z O.O.

BorgWarner Poland Sp. z o.o. is part of BorgWarner Inc., a global leader in the automotive industry.

Founded in 1880, BorgWarner designs and manufactures eMobility systems, providing innovative and sustainable mobility solutions. BorgWarner operates in 92 locations in 24 countries.

8 air- and water-cooled chillers and FCL series cassette fan coils were selected to air-condition the BorgWarner production plant



ANL



FCL



SPENCER PLACE

Located in the beating heart of Dublin, Spencer Place is a multifunctional complex. Awarded for its futuristic design, Spencer Place combines modern and Victorian architecture, becoming a dominant focal point in Docklands, the epicentre of modern Dublin.

Spencer Palace is air-conditioned with no less than 10 NXP series water-cooled multi-purpose units, ranging from 250 to 500 kW in cooling mode, 12 WTE series dry coolers and 8 NXW series water-cooled heat pumps, ranging from 300 to 450 kW in cooling mode, all in silenced versions.



NXP



WTE



NXW



UNITEL

Unitel S.A., founded in 1998, is the largest telecommunications company (fixed and mobile telecommunications, internet) in Angola. Its head is in Luanda. It has about 2,000 employees and network coverage in all municipalities. Unitel now operates digital TV via cable and fibre optics.

The design system, chosen to meet demand for strict temperature control within the data centre, includes 4 NRL1000A04 high-efficiency versions and 8 PWU110 series chilled water precision air conditioners.



NRL



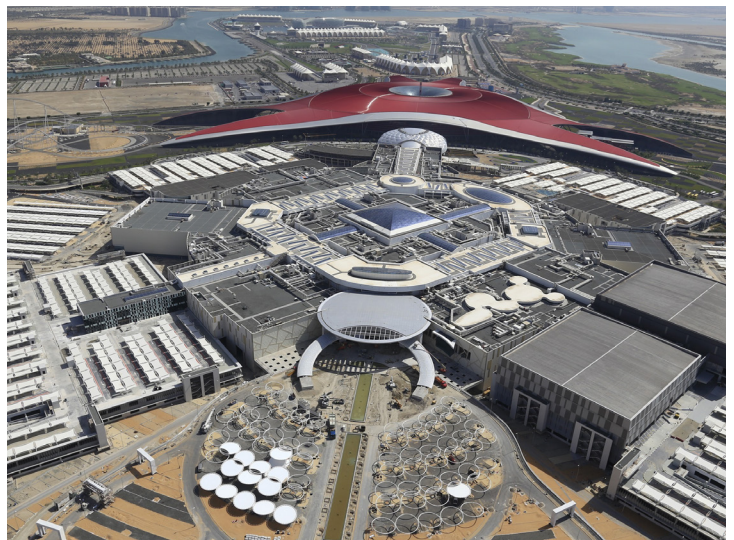
P



YAS MALL

Yas Mall is a shopping centre in Yas Viceroy, United Arab Emirates. It is the ideal shopping destination with restaurant and entertainment. It covers an area of approximately 235,000 sqm. Construction started in 2011 and the shopping centre was officially opened in November 2014. Yas Mall is built around a number of streets, avenues and courts, with an emphasis on light and space.

A system comprising central air handling units, heat recovery units and precision air conditioners was designed and installed to ensure maximum comfort inside the shopping centre.



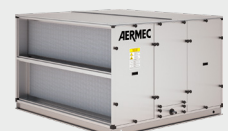
NCD



P



ERS



VILLA TUNARI

Villa Tunari hospital, in Bolivia, is a new hospital structure, designed to be environmentally friendly, and a national reference centre for he healthcare.

The hospital has a capacity of 200 beds and is equipped with the first intelligent energy consumption system.

The air-conditioning system heats and cools the hospital with 2 NRB heat pumps with a total cooling capacity of 720kW, 2 NRP multi-purpose unit with a total cooling units of 800kW, 22 NCD series air handling units, 17 heat recovery units and 700 ducted fancoils.



PEPSI COLA

PepsiCo, Inc is an American multinational food, snack and beverage company based in Purchase News York. PepsiCo with its more 250,000 employees, sells in over 200 countries for a total annual turnover of more 60 billion dollars.

PepsiCo in Canada employs about 11,000 people in its six manufacturing plants sand nine bottling plants. These includes Browning Harvey Ltd in St Jhon's (Newfoundland), a 13,000 square metre plant with a history spanning mpore than 85 years.

Heat pumps produce the cold necessary for the correct dissolution of the CO₂ in the drink, and the heat necessary to heat the fresh air in the plant and ensure the comfort of the workers.



LEGEND

Certifications

CE Marking



Refrigerants

R290 refrigerant



R32 refrigerant



R1234ze refrigerant



R134a refrigerant



R410A refrigerant



XP10 refrigerant



Operation types:

Evaporating units



Cooling and heating



Cooling only



Domestic hot water



Condensing unit



Free-Cooling



Heating only



Multipurpose



For four pipes plants



For three pipes plants



For two pipes plants



Kinds of compressors:

Centrifugal compressor



Inverter centrifugal compressor



Rotary compressor



Rotary inverter compressor



Scroll compressor



Inverter scroll compressor



Twin screw compressor



Inverter twin screw compressor



Kinds of fans:

Axial fan



Inverter axial fan



Centrifugal fan



Inverter centrifugal fan



EC fan



Inverter EC fan



PlugFan



Inverter PlugFan



Installation types:

Cassette installation



Ceiling installation



Ducted installation



Floor installation



Wall installation



Air indoor unit



Air outdoor unit



Water indoor unit



Kinds of exchangers:

Heat recovery



Plate exchanger



Pump kit



Shell and tube exchanger



Water tank



Extra:

Inverter device



Compatible with ModBus protocol



Cold Plasma device



Touch control



Compatible with VMF system (Variable Multi Flow)



Aermec is one of the companies belonging to Giordano Riello International Group and takes part to Eurovent programme for NCD series.



Aermec takes part to EUROVENT Programmes: FCH - FCHP for fan coil series. Aermec is involved in EUROVENT Programme: LCP for chiller range. The products involved appear on the website www.eurovent-certification.com



01

FAN COILS

FCZ / FCZI / FCZ P / FCZI P / OMNIA UL / ULI / OMNIA UL SB / ULSIBI /
FCY - FCYI / FCW / FCWI / VED / VEDI / VES / VESI / FCL / FCLI / MZC



FCZ / FCZI



- Also available with Brushless electric motor
- Cold Plasma air purifier (APC version)
- Controlled-flow version (FCZ_D)
- Maximum silence
- Wide choice of panels and thermostats for customised comfort
- Available version with new generation humidifier with ultrasonic technology (FCZ_ASW, FCZI_ASW), capable of humidifying the room air to the desired level



FCZ



FCZI

SPECIFICATIONS:



FCZI

FCZ	100	150	200	250	300	350	400	450	500	550	600	650	700	700	750	800	850	900	1000
● kW	1.19	1.31	1.84	2.01	2.73	3.06	3.55	3.88	4.22	4.85	4.97	5.72	5.47	6.21	5.97	6.96	7.53	8.50	8.46
● kW	1.00	1.27	1.60	1.94	2.65	3.02	3.60	4.03	4.25	4.79	10.00	11.50	11.00	12.50	12.00	14.00	15.14	17.10	17.02

FCZ P / FCZI P



- Also available with Brushless electric motor
- Cold Plasma air purifier (PPC version)
- Total comfort: reduced temperature and relative humidity oscillations
- Vertical and horizontal installation
- Maximum silence



FCZ_P



FCZI_P

SPECIFICATIONS:



FCZI

FCZ	100P	150P	200P	250P	300P	350P	400P	450P	500P	550P	600P	650P	700P	750P	800P	850P	900P	950P	1000P
● kW	1.19	1.31	1.84	2.01	2.73	3.06	3.55	3.88	4.22	4.85	4.97	5.72	5.47	6.21	5.97	6.96	7.53	8.50	8.46
● kW	1.00	1.00	1.60	1.94	2.65	3.02	3.60	4.03	4.25	4.79	4.65	5.67	5.50	6.14	6.10	6.91	6.91	8.60	7.62

OMNIA UL / ULI



- Universal installation
- Also available with Brushless electric motor
- Cold Plasma air purifier (PC version)
- fully silent functioning
- Ideal for residential or office solutions



UL



ULI

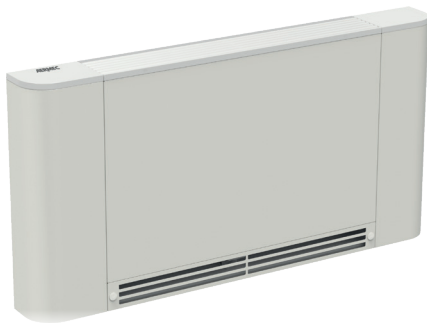
SPECIFICATIONS:



ULI

Omnia	UL12	UL17	UL27	UL37
● kW	1.00	1.44	2.29	2.95
● kW	0.82	1.17	1.99	2.79

OMNIA ULSI_B/BR



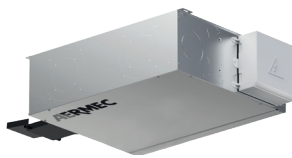
- Reduced depth: only 130 mm thick
- Ideal in residential applications
- Cooling, heating and dehumidification
- Low operating temperature
- New thermostat (accessory) with ergonomic ring nut switch allowing precise and immediate adjustments
- Unit without case also available

SPECIFICATIONS:



	ULSI	10B	20B	30B	40B	50B
• kW		1.53	2.86	3.72	4.77	5.73
• kW		0.80	1.50	1.95	2.50	3.00

FCY/FCYI



- Plug and play installation only horizontal
- Also available with Brushless electric motor
- Available in various versions and configurations, with standard or extended coil: optimal solution for any requirement
- Inspectionable fan unit
- Ideal for small and medium-sized civil, commercial environments



FCY



FCYI

SPECIFICATIONS:



FCY	200C	250C	300C	350C	400C	450C	500C	550C	600C	650C	700C	750C
• kW	1.65	1.79	2.71	3.03	3.35	3.68	3.77	4.31	4.97	5.72	5.23	6.01
• kW	1.44	1.74	2.63	3.00	3.41	3.79	3.82	4.28	4.65	5.67	5.18	5.80

FCW / FCWI



- Also available with Brushless electric motor
- Valveless, 2-way or 3-way internal valve versions available
- Ideal in residential or small tertiary applications
- Compact dimensions and pleasant aesthetics
- Particularly quiet thanks to the tangential fan directly coupled to the motor shaft



FCW



FCWI

SPECIFICATIONS:



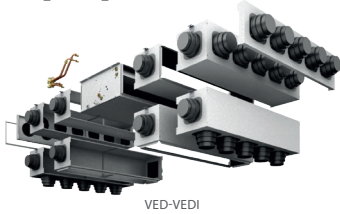
FCW (1)	23VL	33VL	43VL	53VL	232V	233V	332V	333V	432V	433V	532V	533V
• kW	2.14	2.61	4.26	7.60	2.00	2.00	2.50	2.50	3.96	3.96	7.00	7.00
• kW	2.05	2.50	4.08	7.45	1.90	1.90	2.40	2.40	3.80	3.80	7.00	7.00

(1) 2 pipes

VED / VEDI



VDCA_D / VDCB_D



VED-VEDI



VED/VEDI

SPECIFICATIONS:



VEDI

VED	030	040	130	140	230	240	330	340	430	440	530	540	630	640	730	740
• kW	1.83	1.94	3.12	3.27	3.56	3.93	5.22	5.44	7.94	9.01	8.74	9.90	13.40	14.80	14.20	15.70
• kW	1.56	1.84	2.91	3.22	3.33	3.93	4.90	5.26	6.72	7.79	7.49	8.70	12.19	14.80	13.48	15.71

FCL / FCLI



FCL



FCLI

SPECIFICATIONS:

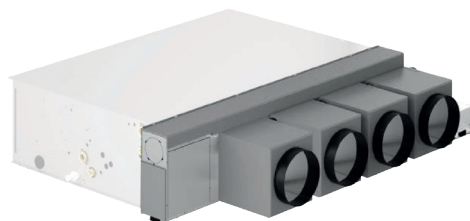


FCLI

FCL	32	36	42	62	72	82	102	122	34 ⁽¹⁾	38 ⁽¹⁾	44 ⁽¹⁾	64 ⁽¹⁾	84 ⁽¹⁾	104 ⁽¹⁾	124 ⁽¹⁾
• kW	1.98	3.12	3.64	5.21	5.63	5.90	8.81	10.80	2.32	2.32	2.44	3.19	7.59	8.93	11.17
• kW	1.86	2.96	3.88	4.90	5.35	5.85	8.85	10.83	1.86	2.73	2.95	4.51	5.85	7.05	8.63

(1) FCL 4-pipe performance data

MZC



SPECIFICATIONS:



MZC	220	320	530	830	5040	7050
No. of dampers	2	2	3	3	4	5

02

HEAT RECOVERY UNITS

RPLI / RTD / RPS



RPLI



- Counterflow heat recovery unit with inverter motor
- Horizontal installation
- Plug fans with EC inverter motor
- Versions with water or electric coil for post-heating
- Low and high static pressure versions
- Possible integration in direct expansion and hydronic systems either in winter or summer functioning

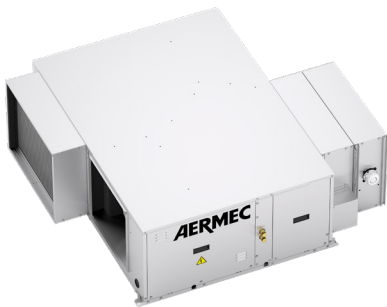


SPECIFICATIONS:



RPLI	030	050	070	100	140	200	300	400
Air flow rate m3/h	300	450	700	950	1400	1950	2950	3900

RTD



- Thermodynamic recovery unit with integrated heat pump
- Horizontal installation
- Compressor with inverter
- Plug fans with EC inverter motor
- High-efficiency thermodynamic recovery via integrated cooling circuit
- Possible integration in direct expansion and hydronic systems either in winter or summer functioning



SPECIFICATIONS:



RTD	11	14	17	21	26	32
Air flow rate m³/h	1100	1400	1700	2100	2600	3200

RPS



- Plate heat exchanger with counterflow.
- Ideal for retrofit solutions in classrooms, offices, hotels, bars, restaurants, shops.
- Compact dimensions: fits into any existing space
- Photocatalytic device for active sanitisation.



SPECIFICATIONS:



RPS	0800
Nominal flow rate / maximum fresh air m³/h	800

03

AIR TREATMENT

TS / TA / TN / TVS / TVH / RTG / RTX / RTY



TS



- For small and medium-sized civil, commercial and hotel applications
- Units available with 3-4-6 row heat exchanger coil
- Statically and dynamically balanced centrifugal fans,
- Maximum silence
- Wide range of accessories that meets various system requirements



SPECIFICATIONS:



TS	13	16	23	34	36	43	46	53	56	63	74	76
● kW	9.83	12.61	15.67	19.76	21.60	21.67	27.83	25.89	32.90	35.61	46.45	52.44
● kW	4.85	5.81	7.98	9.61	10.52	11.11	13.44	13.86	16.47	16.62	21.92	24.93
m ³ /h	930	930	1518	1600	1601	2050	2076	2387	2391	3599	4200	4225

TA



- For small and medium-sized civil, commercial and hotel applications
- Horizontal or vertical configuration
- Units available with 4-6 row heat exchanger coil
- Versions with R410A 4-row direct expansion coil
- Version with extractor



SPECIFICATIONS:



TA ⁽¹⁾	09H4	09V4	11H4	11V4	15H4	15V4	19H4	19V4	24H4	24V4	33H4	33V4	40H4	40V4	50H4	50V4
● kW	10.40	10.40	13.30	13.30	19.10	19.10	24.70	24.70	34.10	34.10	41.90	41.90	52.80	52.80	58.30	58.30
● kW	4.20	4.20	5.70	5.70	8.70	8.70	12.40	12.40	17.30	17.30	21.70	21.70	27.20	27.20	33.50	33.50
m ³ /h	800	800	1100	1100	1500	1500	1900	1900	2400	2400	3300	3300	4000	4000	5000	5000

(1) 4-row coil

TN



- For small and medium-sized civil, commercial and hotel applications
- Maximum installation flexibility
- Plug fans with EC inverter motor
- Wide range of flow rates and heads
- Versions available with water or direct expansion coil

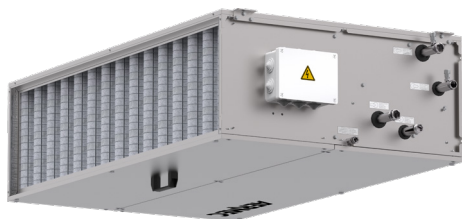


SPECIFICATIONS:



TN ⁽¹⁾	1	2	3	4	5	6	7	8
● kW	40.0	54.5	74.9	97.6	131.1	162.9	216.1	277.3
● kW	15.6	21.3	29.1	38.1	44.8	56.7	74.7	96.4
m ³ /h	3500	4700	6400	8400	10500	13400	17800	23000

TVS



- For small and medium-sized civil, commercial and hotel applications
- Ductable unit for horizontal and vertical installation
- Centrifugal fan with EC motor
- Units available with 4-6 row heat exchanger coil
- Wide range of useful static pressure



SPECIFICATIONS:



TVS	084	154	204	274	344	404	524	086	156	206	276	346	406	526
● kW ⁽¹⁾	5.20	9.30	12.40	15.80	20.50	26.80	32.70	11.50	20.60	27.40	35.10	45.40	58.30	72.00
● kW ⁽²⁾	4.40	8.10	14.40	18.40	23.60	28.30	32.90	4.40	8.10	14.40	18.40	23.60	28.30	32.90
● kW	4.40	7.70	10.90	13.20	17.90	23.20	27.80	5.30	9.00	12.30	15.40	20.70	25.90	31.60
m ³ /h	800	1500	2000	2600	3400	4000	5200	800	1500	2000	2600	3400	4000	5200

(1) 2-pipe system
(2) 4-pipe system

TVH



- For small and medium-sized civil, commercial and hotel applications
- Ductable unit for horizontal installation only
- Plug fan with EC motor and 15 mm thick sandwich panelling
- Units available with 4-6 row heat exchanger coil
- Wide range of useful static pressure



SPECIFICATIONS:



TVH	084	154	204	274	344	404	524	086	156	206	276	346	406	526
● kW ⁽¹⁾	5.70	10.30	14.10	18.20	23.40	29.80	36.50	6.20	11.20	15.30	19.60	25.50	32.20	39.90
● kW ⁽²⁾	4.40	8.10	14.40	18.40	23.60	28.30	32.90	4.40	8.10	14.40	18.40	23.60	28.30	32.90
● kW	4.70	8.30	11.90	14.30	19.30	24.90	29.30	5.60	9.70	13.60	16.70	22.30	28.10	33.70
m ³ /h	800	1500	2000	2600	3400	4000	5200	800	1500	2000	2600	3400	4000	5200

(1) 2-pipe system
(2) 4-pipe system

RTGX



- For medium occupancy applications
- High efficiency at partial loads
- High power modulation capacity
- Inverter compressors and fans
- Upgraded thermodynamic heat recovery



SPECIFICATIONS:



RTG	060	085	125
Air flow rate m ³ /h	12700	17500	23000

RTGY



- For high occupancy applications
- R32 Refrigerant
- High efficiency at partial loads
- High power modulation capacity
- Inverter compressors and fans
- Upgraded thermodynamic heat recovery



SPECIFICATIONS



RTGY	050	090	135
Air flow rate m³/h	6000	11000	16500

RTX N1-N8



- For medium occupancy applications
- Upgraded thermodynamic heat recovery
- Treatment section with plug fans coupled to brushless motors
- Free-cooling / enthalpic free-cooling / photocatalytic system option



SPECIFICATIONS:



RTX ⁽¹⁾	N1	N2	N37	N4	N4	N4	N4	N4
● kW	14.00	16.81	20.69	24.05	30.77	35.50	46.63	50.79
● kW	13.49	16.49	20.33	23.58	30.45	35.16	45.65	49.95
m³/h	2000	2800	3500	4000	5000	6500	8000	9500

(1) MB4 configuration

RTX 09-16



- For medium occupancy applications
- Upgraded thermodynamic heat recovery
- Treatment section with plug fans coupled to EC Brushless motors
- Free-cooling / enthalpic free-cooling / photocatalytic system option



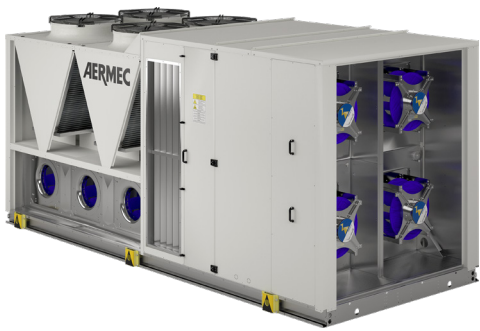
SPECIFICATIONS:



RTX ⁽¹⁾	09	10	11	12	13	14	15	16
● kW	52.10	64.10	74.10	85.00	98.60	107.80	120.60	134.30
● kW	53.40	63.70	73.10	86.10	99.30	110.00	121.30	133.30
m³/h	9500	11000	13000	15000	17000	20000	22000	24000

(1) MB3 configuration

RTX 17-23



- For medium occupancy applications
- Upgraded thermodynamic heat recovery
- Treatment section with plug fans coupled to EC Brushless motors
- Free-cooling / enthalpic free-cooling / photocatalytic system option



SPECIFICATIONS:



RTX ⁽¹⁾	17	18	19	20	21	22	23
● kW	161.30	181.10	203.70	226.90	246.70	262.10	307.20
● kW	159.10	179.00	202.30	227.70	243.60	259.90	310.90
m ³ /h	26000	29000	33000	37000	40000	44000	48000

(1) MB3 configuration

RTY



- For high occupancy applications
- Thermodynamic heat recovery
- Treatment section with plug fans coupled to EC Brushless motors
- Free cooling option



SPECIFICATIONS:



RT1	17	18	19	20	21	22	23
● kW	161.30	181.10	203.70	226.90	246.70	262.10	307.20
● kW	159.10	179.00	202.30	227.70	243.60	259.90	310.90
m ³ /h	26000	29000	33000	37000	40000	44000	48000

04

AIR-TO-WATER CHILLERS and HEAT PUMPS

ANKI/ HMI / HMG / HMG_P / ANL / ANK / BHP / PRM / PRG / NRB / NRB_H /
NRG / NRG_H / NRG_I / NRG_I_H / CL / CL_H / NLC / NLC_H / NRK / NRV / TBA
/ TBG / NSMI / NSM / NSG / NSMJ



ANKI



- Suitable for residential and commercial applications
- Also available with inverter pump
- Production of hot water up to 60 °C
- DHW production with outdoor temperatures from - 20 °C to 42 °C
- Quick and easy installation



SPECIFICATIONS:



ANKI	020	025	040	045	070	075	080
• kW	6.2	7.7	9.3	12.3	15.3	17.7	20.2
• kW	5.8	7.3	9.4	11,8	13.7	16.4	18.6

HMI



- Environmentally friendly R32 refrigerant gas
- Production of hot water up to 60°C
- DHW production with outdoor temperatures from -25 °C to 45 °C
- Quick and easy installation
- Ideal for new buildings and renovations, as a replacement for or alongside conventional boilers
- Hermetically Sealed
- Touch screen control panel



SPECIFICATIONS:



HMI	040	060	080	081	100	100T	101T	120	120T	121T	140	140T	141T	160	160T	161T	180T	220T	260T	300T
• kW	4,03	6,04	7,55	8,30	10,06	10,06	10,20	12,06	12,06	13,00	14,05	14,05	14,20	15,54	15,54	16,20	18,22	22,00	26,00	30,00
• kW	2,98	3,97	4,96	7,40	7,75	7,75	9,10	9,45	9,45	11,10	11,94	11,94	13,30	12,95	12,95	13,80	17,50	21,00	26,00	30,00

HMG



- Ideal for residential, commercial or industrial applications
- Modular design
- Functioning down to -20 °C outdoor air temperature in winter, up to 52 °C in summer and hot water production up to 50 °C
- Hermetically Sealed
- Touch screen control panel



SPECIFICATIONS:



HMG	0350	0600
• kW	35	65
• kW	32	60

HMG_P



- Ideal for new buildings and renovations, replacing conventional boilers
- Modular design
- Functioning down to -20 °C outdoor air temperature in winter, up to 52 °C in summer and hot water production up to 50 °C
- Hermetically Sealed
- Touch screen control panel



SPECIFICATIONS:



HMG	0350P	0600P	1000P	1300P
• kW	36,0	65,0	105,0	131,0
• kW	33,0	60,0	100,0	130,0

ANL



- Suitable for residential and commercial applications
- Also available with pump, oversized pump, with storage tank and pump, with storage tank and oversized pump
- Possibility of producing domestic hot water
- Compact dimensions
- Quick and easy installation

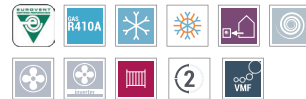


ANL021-202



ANL021H-203H

SPECIFICATIONS:



ANL	021 ⁽¹⁾	026 ⁽¹⁾	031 ⁽¹⁾	041 ⁽¹⁾	050 ⁽¹⁾	070 ⁽¹⁾	080 ⁽¹⁾	090 ⁽¹⁾	102 ⁽¹⁾	152 ⁽¹⁾	202 ⁽¹⁾	021 ⁽²⁾	026 ⁽²⁾	031 ⁽²⁾	041 ⁽²⁾	051 ⁽²⁾	071 ⁽²⁾	081 ⁽²⁾	091 ⁽²⁾	103 ⁽²⁾	153 ⁽²⁾	203 ⁽²⁾
• kW	-	-	-	-	-	-	-	-	-	-	-	6.2	7.0	8.4	9.8	13.2	17.3	20.9	22.0	26.1	35.3	41.8
• kW	5.7	6.2	7.6	9.7	13.5	16.6	20.6	22.4	26.8	33.2	43.2	5.7	6.2	7.5	9.6	13.4	16.3	20.1	21.6	25.6	31.8	40.3

(1) Cooling only version

(2) Heat pump version

ANK



- Suitable for residential and commercial applications
- Production of hot water up to 60°C
- Domestic hot water production with outdoor temperatures from -20°C to 42°C
- Compact dimensions
- Quick and easy installation



SPECIFICATIONS:



ANK	020	030	040	045	020	030	040	045	050	085	100	150
• kW	8.0	10.0	10.9	13.5	6.8	8.2	10.5	11.6	13.1	15.5	25.3	29.3
• kW	6.8	8.2	9.6	11.7	8.0	10.0	12.2	14.0	15.3	17.4	27.1	33.3

BHP



- Ideal for new buildings and renovations, replacing conventional boilers
- Environmentally friendly R32 refrigerant gas
- Available in two versions, with and without DHW storage tank
- Production of hot water up to 60 °C
- Anti-legionella function
- Multilingual touch screen control panel
- Hermetically Sealed

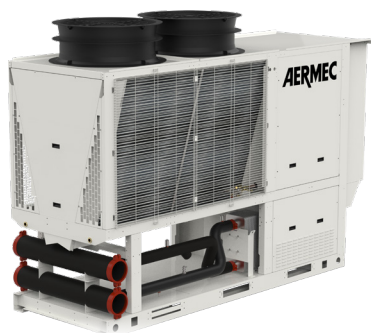


SPECIFICATIONS:



BHP	040	060	080	100	120	140	160	080T	100T	120T	140T	160T
• kW	4.00	5.90	8.00	9.50	12.40	14.50	16.10	8.00	10.20	12.40	14.50	16.13
• kW	3.20	4.09	5.30	6.50	10.07	11.30	11.60	7.60	8.20	10.07	11.30	11.60

PRM



- Ideal for residential and commercial complexes, or industrial applications
- Environmentally friendly refrigerant gas R290
- Modular design
- Production of hot water up to 75°C
- Reduced refrigerant quantities
- High efficiency at partial loads



SPECIFICATIONS:



PRM	0504
• kW	101.8
• kW	95.6

PRG



- Ideal for residential and commercial complexes, or industrial applications
- Environmentally friendly refrigerant gas R290
- Reduced refrigerant quantities
- Production of hot water up to 75°C
- High efficiency at partial loads
- Compact dimensions



SPECIFICATIONS:



PRG	0282	0292	0302	0322	0332	0504	0554	0604	0634	0654
• kW	51.2	55.9	61.9	66.3	70.7	102.3	113.2	124.7	134.1	143.1
• kW	49.3	54.3	60.5	65.2	70.3	91.8	101.6	119.1	128.3	137.0

NRB



- Suitable for residential, commercial and industrial applications
- High, very high efficiency and silenced versions
- Reduced refrigerant quantities thanks to coils with small diameter rows
- Seasonal high efficiency
- Night mode



0282-0754



0800-2406

SPECIFICATIONS:



NRB	0282 ⁽¹⁾	0302 ⁽¹⁾	0332 ⁽¹⁾	0352 ⁽¹⁾	0502	0552	0602	0604	0652	0654	0682	0702	0704	0752	0754
• kW	56.5	64.3	73.9	85.5	98.4	107.0	125.9	125.5	135.1	141.0	159.7	178.9	170.7	195.7	193.5
NRB	0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406				
• kW	221.5	244.5	270.3	299.7	353.1	404.9	439.0	511.2	560.9	598.2	675.8				

(1) Silenced version

NRB_H



- Suitable for residential, commercial and industrial applications
- High, very high efficiency and silenced versions
- Reduced refrigerant quantities thanks to coils with small diameter rows
- Seasonal high efficiency
- Redundancy of components for greater safety



0282-0754



0800-2406

SPECIFICATIONS:



NRB	0282 ⁽¹⁾	0302 ⁽¹⁾	0332 ⁽¹⁾	0352 ⁽¹⁾	0502	0552	0602	0604	0652	0654	0682	0702	0704	0752	0754
• kW	52.1	59.2	67.3	78.1	91.2	99.7	116.0	115.4	124.7	133.4	151.0	169.9	159.9	187.2	180.8
• kW	57.5	65.7	75.3	84.9	96.8	105.8	123.7	129.0	136.1	143.4	158.7	178.4	171.8	198.7	188.6
NRB	0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406				
• kW	196.4	218.0	251.8	279.2	314.2	353.8	389.0	456.7	501.9	568.7	616.1				
• kW	215.0	237.4	275.0	306.0	343.9	366.2	412.6	478.4	527.7	592.0	643.2				

(1) Silenced version

NRG



- Suitable for residential, commercial and industrial applications
- Reduced refrigerant quantities
- One-circuit, two-circuit and three-circuit units (sizes 2600 to 3600)
- Compact dimensions



0282-0804



0800-3600

SPECIFICATIONS:



NRG	0282 ⁽¹⁾	0302 ⁽¹⁾	0332 ⁽¹⁾	0352 ⁽¹⁾	0502	0552	0554	0602	0604	0652	0654	0682	0702	0704	0752	0754	0802	0804
• kW	55.8	63.8	73.3	84.5	100.8	110.6	117.6	127.1	130.0	138.5	143.5	161.9	182.0	171.7	203.9	194.0	222.4	212.3
NRG	0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
• kW	229.0	251.4	278.2	314.5	372.4	399.7	459.4	532.8	593.5	635.8	698.1	742.2	792.8	849.5	890.4	929.9	988.3	

(1) Silenced version

NRG_H



- Suitable for residential, commercial and industrial applications
- Reduced refrigerant quantities thanks to coils with small diameter rows
- Seasonal high efficiency
- Night mode
- One-circuit, two-circuit and three-circuit units (sizes 2600 to 3600)



0282-0804



0800-3600

SPECIFICATIONS:



0282-0804

NRG	0282 ⁽¹⁾	0302 ⁽¹⁾	0332 ⁽¹⁾	0352 ⁽¹⁾	0502	0552	0554	0602	0604	0652	0654	0682	0702	0704	0752	0754	0802	0804
• kW	52.5	60.5	69.3	80.7	93.7	103.4	114.4	117.5	127.3	127.8	141.4	156.4	175.2	169.8	196.0	190.4	215.2	209.1
• kW	56.6	65.4	74.6	87.5	99.6	108.8	118.2	125.6	132.1	137.6	146.9	162.6	183.1	176.7	203.0	195.8	222.4	214.4
NRG	0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	
• kW	200.5	220.2	238.5	292.2	325.7	353.6	381.6	456.8	531.9	561.5	591.1	705.6	749.2	824.6	859.3	895.1	925.3	
• kW	212.2	235.2	256.2	310.2	348.1	.,0	416.2	492.2	568.3	603.5	638.4	729.6	782.6	858.4	896.3	931.7	966.8	

(1) Silenced version

NRGI



- Suitable for residential, commercial and industrial applications
- Reduced refrigerant quantities thanks to coils with small diameter rows
- High efficiency at partial loads
- High modulation capacity
- Stable temperature control of the outlet water



SPECIFICATIONS:



NRGI	151	201	281	302	332	352	382	502	552	602	
• kW	39.2	52.6	58.2	69.4	77.7	83.2	93.2	103.3	114.0	132.2	(1) High Efficiency Version

NRGI_H



- Suitable for residential, commercial and industrial applications
- Reduced refrigerant quantities thanks to coils with small diameter rows
- High efficiency at partial loads
- High modulation capacity
- Stable temperature control of the outlet water



SPECIFICATIONS:



NRGI	151	201	281	302	332	352	382	502	552	602	
• kW	36.5	48.9	54.2	64.1	72.1	77.3	87.0	95.7	106.0	123.7	
• kW	39.6	53.4	59.0	69.9	78.1	84.1	94.7	104.8	115.7	133.9	(1) High Efficiency Version

CL



- Available in standard, with pump and with storage tank and pump versions
- Plug-fans
- Air flow horizontal or vertical, can be modified during installation for all sizes



SPECIFICATIONS:



CL	025	030	050	070	090	100	150	200
• kW	5.8	7.1	12.7	16.3	20.2	26.3	33.0	40.6

CL_H



- Available in standard, with pump and with storage tank and pump versions
- Plug-fans
- Air flow horizontal or vertical, can be modified during installation for all sizes



SPECIFICATIONS:



CL_H	025	030	040	050	070	080	090	100	150	200
• kW	7.9	9.8	12.5	14.4	15.9	18.6	21.0	27.8	34.8	43.8
• kW	6.4	8.4	10.4	11.9	14.0	15.5	19.0	23.9	31.3	37.6

NLC



- Suitable for residential, commercial and industrial applications
- Indoor units with centrifugal fan Scroll compressors and plate heat exchangers
- High efficiency also at partial loads
- Complete air flow versatility
- High efficiency plug-fans



SPECIFICATIONS:



NLC	0280	0300	0330	0350	0550	0600	0650	0675	0700	0750	0800	0900	1000	1100	1250
• kW	52.1	57.1	62.8	75.4	94.2	112.0	123.0	137.4	151.4	170.2	189.7	220.2	242.6	277.4	306.7

NLC_H



- Suitable for residential, commercial and industrial applications
- Indoor units with centrifugal fan Scroll compressors and plate heat exchangers
- High efficiency also at partial loads
- Complete air flow versatility
- High efficiency plug-fans



SPECIFICATIONS:



NLC_H	0280	0300	0330	0350	0550	0600	0650	0675	0700	0750	0800	0900	1000	1100	1250
● kW	56.4	63.5	70.7	82.6	109.8	122.4	137.1	156.5	168.5	193.6	218.3	244.7	273.4	312.4	348.1
● kW	54.4	60.4	66.7	78.6	102.5	115.3	126.0	143.4	158.1	181.1	202.0	232.5	252.7	287.1	316.5

NRK



- Suitable for residential, commercial and industrial applications
- Cooling / heating / production of high temperature water also for the production of DHW
- Water produced up to 65°C
- Heating functioning down to -20 °C outdoor air
- Optimised for heating



SPECIFICATIONS:



NRK	0090	0100	0150	0200 ⁽¹⁾	0280 ⁽¹⁾	0300 ⁽¹⁾	0330 ⁽¹⁾	0350 ⁽¹⁾	0500 ⁽¹⁾	0550 ⁽¹⁾	0600 ⁽¹⁾	0650 ⁽¹⁾	0700 ⁽¹⁾
● kW	20.8	28.7	34.4	42.2	59.7	69.4	78.2	87.9	103.9	118.9	136.6	155.6	174.4
● kW	18.4	26.4	31.0	35.6	50.4	59.5	66.1	74.4	87.4	99.8	114.5	130.8	145.3

(1) Silenced version

NRV



- Compact and quick to install
- Modular design
- Microchannel coil
- Available in two versions: High efficiency and High efficiency silenced
- Independent 108 kW modules that can be connected to each other up to a power of 970 kW



SPECIFICATIONS:



NRV	550
● kW	108.3

TBA



- Suitable for residential, commercial and industrial applications
- High efficiency also at partial loads
- Low peak currents (only 6 amps!)
- Low refrigerant charge evaporator
- Also available with R513A (XP10) gas



SPECIFICATIONS:



TBA	1300	1350	2300	2325	2350	3300	3320	3340	3350	4325
• kW	330.7	437.3	633.9	741.5	871.9	974.8	1087.0	1155.9	1256.9	1404.1

TBG



- Suitable for residential, commercial and industrial applications
- High efficiency also at partial loads
- Micro-channel coil
- Low peak currents (only 6 amps!)
- Low refrigerant charge evaporator



SPECIFICATIONS:



TBG	1230	1310	2230	2270	2310	3270	3280	3310	4270	4310
• kW	199.9	296.6	417.6	502.3	600.1	687.0	791.4	900.3	1033.3	1165.3

NSMI



- Suitable for residential, commercial and industrial applications
- Micro-channel coil and screw compressors
- Night mode
- Functioning up to 50 °C outdoor air
- Contained electricity consumption



SPECIFICATIONS:



NSMI	1251	1601	1801	2352	2652	2802	3202	3402	3802	4102	4402	4802	5202	5702	6102
• kW	285.6	382.0	464.0	519.1	605.4	659.4	725.2	802.4	842.6	948.0	1008.8	1110.4	1204.3	1253.0	1342.6

NSM



- Suitable for residential, commercial and industrial applications
- Microchannel coil and screw compressors
- Night mode
- Functioning up to 50 °C outdoor air
- Floating HP regulation ESEER +5% with inverter fans



SPECIFICATIONS:



NSM	1402	1602	1802	2002	2202	2352	2502	2652	2802	3002	3202	3402	3602	3902
• kW	307.5	348.9	397.0	450.3	489.4	524.7	543.8	577.3	613.8	680.5	725.1	770.1	813.8	906.1
NSM	4202	4502	4802	5202	5602	6002	6402	6503	6703	6903	7203	8403	9603	
• kW	958.5	1051.2	1099.1	1168.1	1195.0	1237.7	1327.6	1393.8	1439.8	1578.6	1669.7	1742.2	1859.9	

NSMJ



- Microchannel coil
- Operation up to 50°C outside air
- High efficiency also at partial loads
- Night mode
- Inverter screw compressors
- Inverter plus fans

SPECIFICHE:



NSMJ	1251	1601	1801	2352	2802	3202	3802	4102	4402	4802	5202	5702	6102
• kW	293,1	384,8	461,4	583,2	678,2	761,2	839,9	911,4	1000,2	1117,1	1204,5	1277,4	1351,3

NSG



- Suitable for residential, commercial and industrial applications
- Microchannel coil and screw compressors
- High efficiency also at partial loads
- Night mode



SPECIFICATIONS:



NSG	1402	1602	1802	2002	2202	2352	2502	2652	2802	3002	3202	3402	3602	3902
• kW	228.6	261.3	297.8	334.1	358.6	389.8	402.8	443.7	462.6	506.3	531.6	566.5	623.6	676.0
NSG	4202	4502	4802	5202	5602	6002	6402	6503	6703	6903	7203	8403	9603	
• kW	739.5	792.4	835.2	874.9	897.0	942.5	989.1	1060.2	1095.1	1215.2	1268.8	1333.1	1410.0	

05

FREE COOLING CHILLERS

NRV / NRB / NRG / TBA / TBG / NSM / NSMI / NSMJ



NRV



- Compact and quick to install
- Modular design
- Microchannel coil
- Available in two versions: High efficiency and High efficiency silenced
- Independent 108 kW modules that can be connected to each other up to a power of 970 kW



SPECIFICATIONS:



NRV	0550
• kW	105.4
• kW	69.3

NRB



- Suitable for residential, commercial and industrial applications
- High, very high efficiency and silenced versions
- Microchannel coil
- Seasonal high efficiency
- Night mode
- Reduced refrigerant quantities



SPECIFICATIONS:



NRB	0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406
• kW	211.8	234.3	273.4	307.1	335.9	373.3	432.0	474.2	542.2	584.4	655.6
• kW	139.8	142.0	203.2	208.4	211.6	214.7	280.5	284.4	350.8	354.8	421.5

NRG



- Suitable for residential, commercial and industrial applications
- Wall-mount installation
- High efficiency at partial loads
- Reduced refrigerant quantities
- Compact dimensions
- Microchannel coil



0282-0804



0800-3600

SPECIFICATIONS:



NRG	0282	0302	0332	0352	0502	0552	0554	0604	0654	0704	0754	0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400
• kW	58.5	64.5	71.8	81.3	100.8	111.4	116.9	134.7	148.5	168.3	190.0	223.9	245.3	284.1	324.7	368.2	419.0	462.1	535.9	599.5	654.7	692.5
• kW	39.2	44.0	48.8	51.0	73.2	75.6	76.6	89.6	92.2	95.1	97.5	136.0	137.7	198.2	202.9	206.4	269.0	273.1	337.6	343.1	406.3	409.7

TBA



- Suitable for residential, commercial and industrial applications
- High efficiency also at partial loads
- Micro-channel coil
- Low peak currents (only 6 amps!)
- Low refrigerant charge evaporator
- Also available with R513A (XP10) gas
- Centrifugal compressors with magnetic levitation



SPECIFICATIONS:



TBA	1300	1350	2300	2325	2350	3300	3320	3340	3350
• kW	317.2	419.2	634.5	736.4	838.4	934.7	1065.0	1149.0	1223.6
• kW	297.2	395.5	594.4	692.7	791.1	888.3	994.1	1085.0	1100.1

TBG



- Suitable for residential, commercial and industrial applications
- High efficiency also at partial loads
- Micro-channel coil
- Low peak currents (only 6 amps!)
- Low refrigerant charge evaporator
- Centrifugal compressors with magnetic levitation



SPECIFICATIONS:



TBG	1230	1310	2230	2270	2310	3270	3280	3310	4270	4310
• kW	237.9	328.6	453.2	526.8	623.2	730.8	798.8	907.5	1019.7	1110.3
• kW	275.5	371.6	478.0	568.6	665.9	766.4	855.5	956.3	1057.8	1079.5

NSM



- Suitable for residential, commercial and industrial applications
- Microchannel coil and screw compressors
- Night mode
- Functioning up to 50 °C outdoor air
- Floating HP regulation ESEER +5% with inverter fans



SPECIFICATIONS:



NSM	1402	1602	1802	2002	2202	2352	2502	2652	2802	3002	3202	3402	3602	3902
• kW	306.5	350.2	396.8	450.5	505.3	522.5	556.5	600.8	649.8	678.4	726.3	813.3	872.8	954.1
• kW	347.7	362.0	373.1	381.9	468.1	471.2	476.5	560.7	569.1	573.2	578.8	671.5	677.9	770.2

NSM	4202	4502	4802	5202	5602	6002	6402	6503	6703	6903	7203	8403	9603
• kW	996.8	1082.3	1128.3	1167.3	1222.8	1304.9	1346.7	1459.2	1501.9	1659.0	1705.0	1838.1	2028.1
• kW	774.7	867.5	872.2	875.9	966.0	1058.3	1062.8	1158.4	1162.7	1346.7	1351.7	1449.5	1636.8

NSMJ



- Micro-channel coil
- High efficiency also at partial loads
- Functioning up to 50 °C outdoor air
- High efficiency in Freecooling operation
- Inverter screw compressors
- Inverter plus fans

SPECIFICATIONS:



NSMJ	1251	1601	1801	2352	2802	3202	3802	4102	4402	4802	5202	5702	6102
● kW	281,3	362,3	434,7	546,3	635,7	714,7	789,2	856,9	945,3	1053,4	1134,1	1195,6	1259,1
● kW	238,9	258,4	319,5	337,8	403,2	467,1	530,1	591,6	656,3	724,1	735,4	742,5	748,5

NSMI



- Suitable for residential, commercial and industrial applications
- Micro-channel coil
- Night mode
- Functioning up to 50 °C outdoor air
- Contained electricity consumption



SPECIFICATIONS:



NSMI	1251	1601	1801	2352	2652	2802	3202	3402	3802	4102	4402	4802	5202	5702	6102
● kW	286.5	385.6	455.6	496.5	587.5	649.6	718.4	784.3	832.8	929.0	989.0	1096.3	1164.2	1208.4	1280.3
● kW	254.5	276.0	340.9	346.5	414.6	649.6	488.1	495.1	559.2	628.2	692.4	762.8	771.1	775.7	782.2

06

WATER-TO-WATER CHILLERS AND HEAT PUMPS

WMX / WMG / WRK / WRL / WRLH / WSH / HWS / WWB / WWBG /
NGW / NGW_H / WFGI / WFGN / WFI / WFN / WTX / WWM



WMX/WMG



- High efficiency at partial loads ESEER 8.4
- Compact design
- Highly flexible and reliable
- Centrifugal compressors with magnetic levitation
- System-side and flooded source exchangers



WMX



WMG

SPECIFICATIONS:



WMG

WMX

WMX



WMG	300
• kW	312.4

WMX	300
• kW	324.2

WRK



- Suitable for high temperature hot water demands for both heating and domestic use
- Optimised unit for heating in centralised systems
- High-temperature hot water production up to 68 °C
- Independent from the gas network
- DHW production



SPECIFICATIONS:



WRK	0200 ⁽¹⁾	0280 ⁽¹⁾	0300 ⁽¹⁾	0330 ⁽¹⁾	0350 ⁽¹⁾	0500 ⁽¹⁾	0550 ⁽¹⁾	0600 ⁽¹⁾	0650 ⁽¹⁾	0700 ⁽¹⁾
• kW	48.4	68.6	81.6	93.4	104.0	120.8	137.7	163.1	187.1	207.9
• kW	38.9	54.4	65.0	74.1	83.5	96.2	110.9	130.0	145.8	166.1

(1) Silenced version.

WRL / WRL_H



- Suitable for residential, commercial and industrial applications
- High efficiency
- Production of hot water up to 60 °C
- Priority production of domestic hot water
- Ideal for geothermal applications

SPECIFICATIONS:

WATER
SIDE

026-161



180-650



026-161H



180-650H

WRL / WRLH ⁽¹⁾	026	031	041	051	071	081	101	141	161	180	200	300	400	500	550	600	650
• kW	7.9	9.5	12.4	16.4	20.9	24.0	32.7	41.7	47.6	49.7	64.3	74.4	85.9	99.8	129.5	150.1	169.0
• kW	6.3	8.1	10.4	13.7	17.8	20.3	27.6	35.4	40.4	55.8	72.6	84.1	95.6	110.7	143.6	166.1	187.7

Power supply 400V ~ 50Hz

WSH



- Suitable for residential, commercial and industrial applications
- Cycle reversing valve
- Electronic thermostatic expansion valve (optional) allowing: chilled water production down to -6 °C
- Adjustment of the cooling capacity via continuous modulation 25-100%
- High-efficiency screw compressors with silent operation

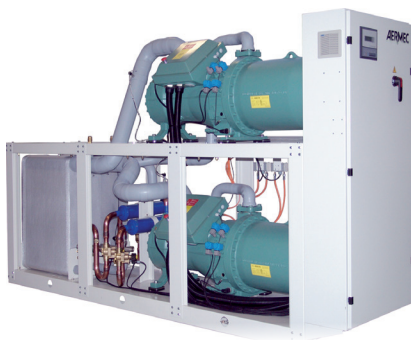


SPECIFICATIONS:



WSH	0701	0801	0901	1101
● kW	183.3	210.3	237.3	300.3
● kW	165.8	195.7	216.7	269.7

HWS



- Suitable for residential, commercial and industrial applications
- Optimised unit for high condensation temperatures
- Ideal for geothermal applications
- Also available with R513A (XP10) gas



SPECIFICATIONS:



HWS	0601	0701	0801	0901	1101	1202	1402
● kW	163.9	199.3	234.8	260.1	324.0	327.5	397.5
● kW	146.7	178.8	212.7	233.7	293.7	293.7	356.6

WWB / WWBG



- Suitable in centralised residential systems, in systems serving hotels and accommodation facilities, and for tertiary and industrial applications
- Optimised for high temperature hot water production
- Can be combined with any air- or water-cooled heat pump
- Max temperature of water produced: 80 °C
- Max. input temperature on source side: 45 °C



WWB



WWBG

SPECIFICATIONS:



WWBG WWB WWBG

WWB	0300	0330	0350	0550	0600	0700	0800	0900
● kW	70.3	77.7	93.2	114.6	143.7	181.7	220.5	265.9

WWBG	0330	0350	0550	0600
● kW	77.2	92.5	115.4	138.2

NGW



- Reversible on the water side, ideal for low energy consumption systems in both winter and summer
- Production of hot water up to 60°C
- Possibility of 1 to 2 pumps on both the source and utility side
- Compressors in tandem and trio twin-circuit configuration with high efficiencies especially at partial loads



SPECIFICATIONS:



NGW	0500	0550	0600	0650	0700	0750	0800	0900	1000	1200	1400	1500	1600	1800	2000	2200	2450	2600
● kW	131.3	144.6	160.4	178.4	197.7	236.2	275.0	308.6	348.8	377.8	437.4	490.5	553.8	606.7	700.9	800.5	852.7	904.6
● kW	116.3	126.3	142.0	157.8	174.4	208.3	242.3	272.8	310.2	333.6	385.4	430.0	488.0	532.0	614.8	703.9	747.1	790.2

NGW_H



- Reversible on the gas side, ideal for low energy consumption systems in both winter and summer
- Production of hot water up to 60°C
- Possibility of 1 to 2 pumps on both the source and utility side.
- Compressors in tandem and trio twin-circuit configuration with high efficiencies especially at partial loads



SPECIFICATIONS:



NGW_H	0500	0550	0600	0650	0700	0750	0800	0900	1000	1200	1400	1500	1600	1800	2000	2200	2450	2600
● kW	126.3	137.9	153.5	171.3	189.8	226.8	3.2	296.7	333.6	365.9	423.3	476.1	537.1	589.7	680.3	775.8	827.5	879.3
● kW	107.0	116.5	131.0	145.6	161.0	192.0	224.1	252.8	285.3	312.6	361.4	405.2	458.1	501.6	578.8	661.4	703.9	746.4

WFGI



- Suitable for residential, commercial and industrial applications
- Condenser side hot water production up to 65°C.
- Production of negative water on the evaporator side down to -8°C
- Units with 1-2-3 cooling circuits for maximum efficiency even at partial loads and to ensure continuity of operation even in the event of stoppage



SPECIFICATIONS:



WFGI	1101	1251	1401	1601	1801	2101	2401	2801	3201	2502	2802	3202	3602	4202	4802	5602	6402	6703	7203	8403	9603
● kW	243.2	292.8	321.7	365.6	419.7	467.2	540.0	606.5	655.5	564.4	631.4	731.6	821.0	966.2	1093.4	1212.3	1370.1	1454.7	1611.8	1770.0	1960.8
● kW	216.8	255.6	285.6	324.6	366.2	407.0	484.9	545.9	586.5	506.3	571.0	664.9	737.9	869.3	989.2	1096.6	1223.1	1323.2	1463.2	1605.2	1765.9

WFGN



- Suitable for residential, commercial and industrial applications
- Condenser side hot water production up to 55°C.
- Production of negative water on the evaporator side down to -8°C
- Units with 1-2-3 cooling circuits for maximum efficiency even at partial loads and to ensure continuity of operation even in the event of stoppage



SPECIFICATIONS:



WFGN	0701	0801	0901	1101	1251	1401	1601	1801	2101	2401	2801	3201
• kW	153.1	172.4	196.2	245.2	267.2	303.2	369.1	408.3	478.4	547.5	601.0	663.0
• kW	136.1	154.8	173.8	221.3	239.8	272.3	335.7	370.1	434.3	490.7	545.3	596.9
WFGN	2502	2802	3202	3602	4202	4802	5602	6402	6703	7203	8403	9603
• kW	545.1	618.4	747.2	833.5	967.0	1093.6	1204.7	1333.7	1457.0	1601.3	1761.4	1921.0
• kW	489.1	556.6	675.8	750.2	879.3	995.4	1100.3	1217.3	1315.3	1454.9	1594.7	1727.0

WFI



- Suitable for residential, commercial and industrial applications
- Condenser side hot water production up to 60°C.
- Production of negative water on the evaporator side down to -8°C
- Also available with R513A gas
- Units with 1-2-3 cooling circuits for maximum efficiency even at partial loads and to ensure continuity of operation even in the event of stoppage



SPECIFICATIONS:



WFI	1101	1251	1401	1601	1801	2101	2401	2801	3201			
● kW	326.0	387.7	437.0	490.2	566.3	631.1	707.9	798.2	873.1			
● kW	291.4	339.7	388.2	433.5	496.2	552.0	635.3	714.7	783.3			
WFI	2502	2802	3202	3602	4202	4802	5602	6402	6703	7203	8403	9603
● kW	746.2	839.5	979.7	1112.5	1270.4	1441.8	1597.0	1815.3	1951.6	2145.2	2391.0	2664.3
● kW	670.0	757.4	889.1	1002.3	1143.6	1304.6	1441.8	1621.2	1771.2	1940.6	2167.0	2406.5

WFN



- Suitable for residential, commercial and industrial applications
- Condenser side hot water production up to 55°C.
- Production of negative water on the evaporator side down to -8°C.
- Units with 1-2-3 cooling circuits for maximum efficiency even at partial loads and to ensure continuity of operation even in the event of stoppage



SPECIFICATIONS:



WFN	0701	0801	0901	1101	1251	1401	1601	1801	2101	2401	2801	3201
• kW	204.8	230.6	262.5	327.5	358.1	410.4	494.2	556.2	639.5	733.2	796.8	879.7
• kW	182.1	207.2	232.9	295.9	322.1	370.3	448.8	504.1	579.3	655.9	719.6	788.4
WFN	2502	2802	3202	3602	4202	4802	5602	6402	6703	7203	8403	9603
• kW	726.4	828.1	1001.4	1138.6	1283.2	1459.8	1589.2	1809.3	1911.8	2159.8	2376.5	2610.0
• kW	652.3	746.8	905.7	1024.5	1164.3	1325.5	1446.9	1589.7	1721.1	1960.7	2149.5	2349.3

WTX



- Suitable for residential, commercial and industrial applications
- High ESEER efficiency up to 9
- Extended operating range
- Choice of 1- or 2-passages water-side exchangers
- Centrifugal compressors with magnetic levitation and shell and tube heat exchangers



SPECIFICATIONS:



WTX	1300	1350	2300	2350	3300	3325	3350	4325	4350
• kW	351.3	488.5	702.8	899.4	1054.3	1215.9	1466.0	1715.9 (2)	1958.4 (2)
Water side passages	2	2	2	2	2	2	2	2	2

Sizes 4325 and 4350 not covered by the Eurovent certification programme because of cooling capacity > 1500 kW

WWM



- Compact modules
- One or two refrigeration circuits
- Reliability and modularity
- Stackable up to two levels
- Up to 36 units can be connected (check modularity options)
- Easy installation and maintenance



SPECIFICATIONS:



WWM	05002 ⁽¹⁾	05002 ⁽²⁾
• kW	109.2	110.0
• kW	96.0	95.2

(1): Single refrigerant circuit
(2): Dual refrigerant circuit

07

MULTIPURPOSE

NXP / NPG / NRP / CPS



NXP



- Satisfies hot and chilled water demand simultaneously and independently throughout the year
- For applications with 2- or 4-pipe systems
- High efficiency at partial loads
- Dual-circuit unit: maximum efficiency at full and partial load
- Also available in a silenced version



SPECIFICATIONS:



NXP	0500	0550	0600	0650	0700	0750	0800	0900	1000	1250	1400	1500	1650	
• kW	122.4	131.0	158.2	175.7	210.0	238.7	289.0	320.9	352.6	383.7	433.5	489.5	549.4	(1): Simultaneous functioning (hot + cold) 2 pipes (4)
• kW	108.9	117.0	141.5	157.5	192.7	218.5	252.2	281.0	305.8	345.2	392.3	447.2	502.4	
• kW ⁽¹⁾	96.2	102.5	124.8	138.9	165.4	190.6	225.7	250.3	282.6	308.1	340.2	392.0	444.9	

NPG



- Satisfies hot and chilled water demand simultaneously and independently throughout the year
- For applications with 2- or 4-pipe systems
- High efficiency at partial loads
- Dual-circuit unit: maximum efficiency at full and partial load
- Available in high-efficiency and high-efficiency silenced versions



SPECIFICATIONS:



NPG	0800	0900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
• kW	212.0	246.3	270.7	308.5	363.1	401.6	436.7	507.2	565.1	617.3	654.9	714.1	787.0	840.5	877.7	928.9	965.9
• kW	206.5	238.8	262.1	298.1	349.6	385.1	424.0	492.6	549.2	601.9	634.7	692.2	759.1	828.4	864.7	900.0	936.4
• kW ⁽¹⁾	203.7	225.7	253.7	292.1	337.7	374.2	424.7	483.4	547.9	592.0	631.0	693.6	751.5	821.0	858.1	897.7	935.3

(1): Simultaneous functioning (hot + cold) 2 pipes (4)

NRP



- Satisfies hot and chilled water demand simultaneously and independently throughout the year
- High efficiency at partial loads
- Units designed for 2- and 4-pipe systems
- Simultaneous and independent production of hot and chilled water
- Compact dimensions

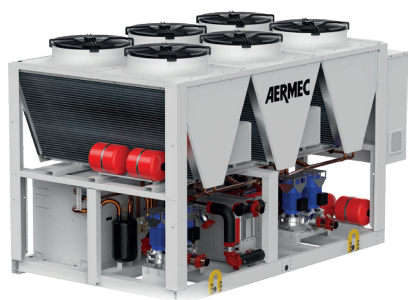


SPECIFICATIONS:



NRP	0200	0240	0280	0300	0330	0350	0500	0550	0600	0650	0700	0750	
• kW	46.1	53.2	60.1	75.2	80.2	84.2	106.3	112.3	137.3	152.3	173.3	205.4	(1): Simultaneous functioning (hot + cold) 2 pipes
• kW	42.9	49.9	55.9	63.9	67.9	79.8	94.8	98.8	115.8	130.7	152.7	178.7	
• kW ⁽¹⁾	45.6	52.4	58.3	68.9	74.0	87.1	103.3	111.4	133.9	148.5	169.2	202.7	

NRP



- Satisfies hot and chilled water demand simultaneously and independently throughout the year
- High efficiency at partial loads
- Units designed for 2- and 4-pipe systems
- Simultaneous and independent production of hot and chilled water
- Also available with shell and tube heat exchanger



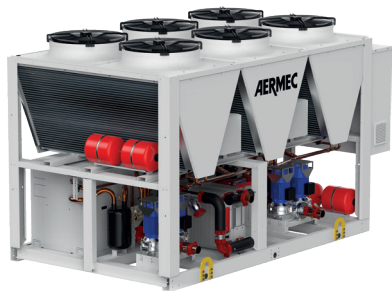
SPECIFICATIONS:



NRP	0804	0904	1004	1104	1204	1414	1604	1805	2006	2206	2406
● kW	209.9	246.0	272.7	306.2	340.5	396.2	437.6	504.8	562.7	618.6	660.8
● kW	206.7	230.6	259.2	299.6	332.2	386.3	426.2	490.5	544.3	598.2	638.8
● kW ⁽¹⁾	211.2	236.7	258.2	306.9	350.5	398.0	446.2	510.6	584.4	630.2	680.0

(1): Simultaneous functioning (hot + cold) 2 pipes (4)

CPS



- Multi-purpose 6-pipe system
- Simultaneous and independent production of chilled, medium and high temperature hot water also for domestic use
- Exploits heat recovery in the simultaneous production of heat and cold
- Produces water up to 73°C with predominant use of heat recovery when cooling demand is present



SPECIFICATIONS:



CPS	0704	1004	1805
● kW	175.2	271.8	503.5
● kW	163.9	259.2	490.5
● kW	163.3	258.3	466.2

(1): Simultaneous functioning (hot + cold) 2 pipes (4)

08

PRECISION AIR CONDITIONERS

G/P/R



G



- Separate ventilating section for installation under raised floor
- Reduced energy consumption of fans
- High ratio between supplied cooling capacity and footprint
- Optimised distribution of air in the raised floor



SPECIFICATIONS:



GXU	932	1342	GWU	070	150	230	300	150XH	230XH
• kW	91.2	130.0	• kW	58.6	96.4	143.6	208.8	113.2	222.9

R



- "In row" installation between the server rows
- Horizontal air flow to offer an effective localised cooling
- Rear and front accessibility for simplified maintenance
- Front and side air flow



SPECIFICATIONS:



RXA	121	201	231	361	RXU	20	40
• kW	9.6	19.3	20.8	32.5	• kW	24.9	37.8

P



- Strict control of room temperature and humidity
- High efficiency values
- Wide selection of configurations
- Reduced ground view clearance



SPECIFICATIONS:



PXO	071	141	211	251	321	322	361	422	461	512	662	852	932
• kW	8.2	14.7	21.0	27.4	35.2	33.8	38.1	43.7	48.1	57.8	67.3	84.4	94.9
PWO	10	20	30	50	60	70	80	110	160	220			
• kW	9.9	17.2	30.0	41.0	52.8	63.1	65.5	80.0	110.0	160.0			

09

ROOM AIR CONDITIONERS

SCG / CKG / SGE / LPG / MGE / MGE_HW / MPG



SCG



- Wi-Fi module as standard
- Modern design compatible with any furnishing style
- Easy installation and maintenance
- Ideal for installations in the service sector: hotels, restaurants, offices



SPECIFICATIONS:



SCG	701V	1201V	1201VT
● kW	7.90	12.60	14.50
● kW	7.20	12.30	12.50

CKG



- Wi-Fi module as standard
- Air purifier (Cold Plasma)
- Smart APP Ewpe: system that can support Wi-Fi management using the App for iOS and Android devices
- Low cooling function: cooling with outside temperatures down to -15 °C
- Low heating function: heating with outdoor temperatures down to -22 °C



SPECIFICATIONS:



CKG	261FS	361FS	501FS
● kW	2.90	3.80	5.33
● kW	2.70	3.52	5.20

SGE



- Air purifier (Cold Plasma)
- Possibility of Wi-Fi control
- Nethome Plus app: supports Wi-Fi management using the App for iOS and Android devices
- Innovative design with refined curved lines
- Special coil with golden fin coating

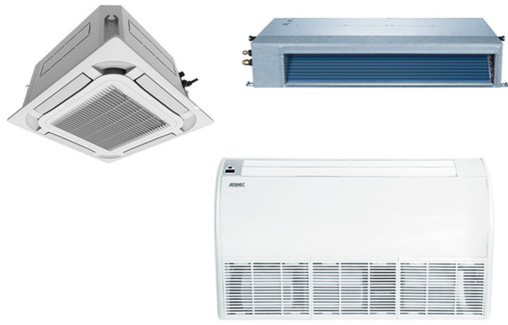


SPECIFICATIONS:



SGE	250W	350W	500W	700W
● kW	2.93	3.57	4.97	6.00
● kW	2.77	3.46	5.27	5.86

LPG



- SEER up to 7.2.
- Possibility of Wi-Fi control via accessory.
- Smart APP Ewpe: system that can support Wi-Fi management using the App for iOS and Android devices
- x-fan function, Low cooling function and Low heating function
- Special blue fin coil: special blue-coloured epoxy coating to protect the heat exchanger from rust and corrosion



SPECIFICATIONS:



LPG	350D	500D	700D	850D	1000D	1200D	1400D	1600D
● kW	4,00	5,60	8,00	8,80	11,50	13,50	15,50	17,00
● kW	3,50	5,30	7,10	8,50	10,50	12,10	13,40	16,00

LPG	350CS	500CS	700C	850C	1000C	1200C	1400C	1600C
● kW	4,00	5,60	7,80	8,80	11,50	13,50	15,50	17,00
● kW	3,50	5,00	7,10	8,50	10,50	12,10	13,40	14,50

LPG	350F	500F	700F	850F	1000F	1200F	1400F	1600F
● kW	4,00	5,60	7,70	8,80	11,50	13,50	15,50	17,00
● kW	3,50	5,30	7,10	8,50	10,00	12,10	13,40	16,00

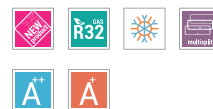
MGE



- Possibility of Wi-Fi control via accessory
- Modern design and compatible with any furnishing style
- Wide range of indoor units available
- Special golden fin coil
- Nethome Plus app: supports Wi-Fi management using the App for iOS and Android devices



SPECIFICATIONS:



SGE	200W	250W	350W	500W	700W
● kW	2,34	2,93	3,57	4,97	4,97
● kW	2,05	2,77	3,46	5,27	5,27

MGE	250DH	350DH	500DH	700DH
● kW	2,93	3,81	5,57	7,62
● kW	2,64	3,52	5,28	7,03

MGE	350CS	500CS	700C
● kW	3,81	5,57	7,62
● kW	3,52	5,28	7,03

MGE	250FS	350FS	500FS
● kW	2,93	3,81	5,28
● kW	2,64	3,52	4,98

MGE_HW



- New system with domestic hot water storage tank
- Nethome Plus app: supports Wi-Fi management using the App for iOS and Android devices
- Possibility of DHW storage tank Wi-Fi control
- Possibility of AC indoor units Wi-Fi control via accessory
- Special golden fin coil
- Achieve maximum energy savings with the new heat recovery multisplit system for domestic hot water.



SPECIFICATIONS:



SGE	200W	250W	350W	500W	700W
● kW	2.34	2.93	3.57	4.97	4.97
● kW	2.05	2.77	3.46	5.27	5.27

MGE	350CS	500CS	700C
● kW	3.81	5.57	7.62
● kW	3.52	5.28	7.03

MGEWT		190
Water heating power	kW	2.93
DHW heating capacity	kW	2.64

MGE	250FS	350FS	500FS
● kW	2.93	3.81	5.28
● kW	2.64	3.52	4.98

MGE	250DH	350DH	500DH	700DH
● kW	2.93	3.81	5.57	7.62
● kW	2.64	3.52	5.28	7.03

MPG



- Possibility of Wi-Fi control via accessory
- Smart APP Ewpe: system that can support Wi-Fi management using the App for iOS and Android devices
- Modern design and compatible with any furnishing style
- Wide range of indoor units available
- Special coil with blue fin coating



SPECIFICATIONS:



SPG	200W	250W	350W	500W	700W
● kW	2,40	2,80	3,40	5,20	6,50
● kW	2,20	2,50	3,20	4,60	6,20

CKG	261FS	361FS	501FS
● kW	2,90	3,80	5,33
● kW	2,70	3,52	5,20

MLG	250F	350F	500F	700F
● kW	2,70	4,00	5,00	8,00
● kW	2,60	3,50	4,50	7,10

MPG	350CS	500CS	700C
● kW	4,00	5,50	7,00
● kW	3,50	5,00	8,00

MPG	250D	350D	500D	700D
● kW	2,80	4,00	5,50	8,00
● kW	2,65	3,50	5,00	7,00

MPG	250DH	350DH	500DH	700DH
● kW	2,80	4,00	5,50	8,00
● kW	2,65	3,50	5,00	7,00



MVAS



- MVA_S: Standard multisplit VRF with DC inverter technology. From 1 to 16 connectable indoor units
- Units prepared for installation in two-pipe systems
- Wide range of indoor units available



SPECIFICATIONS:



MVAS	1201S	1201T	1401S	1401T	1601S	1601T	2242T	2803T	3352T
● kW	14.00	14.00	16.50	16.50	18.00	18.00	22.40	28.00	33.50
● kW	12.10	12.10	14.00	14.00	16.00	16.00	22.40	28.00	33.50

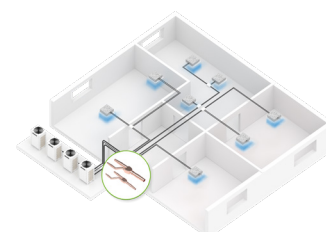
MVBM



- MVBM: Modular multi-split VRF for 2-pipe systems with DC inverter technology. From 1 to 80 connectable indoor units
- Units prepared for installation in two-pipe systems
- Wide range of indoor units available



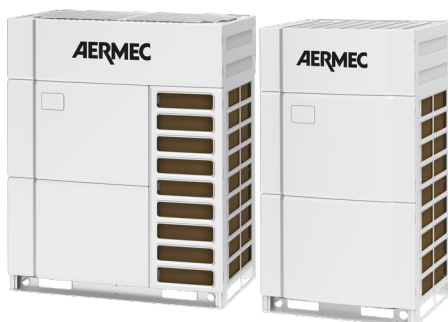
SPECIFICATIONS:



VRF system - 2-pipe heat pump

MVBM	2240T	2800T	3350T	4000T	4500T	5040T	5600T	6150T
● kW	22.40	28.00	33.50	40.00	45.00	50.40	56.00	56.00
● kW	22.40	28.00	33.50	40.00	45.00	50.40	52.00	52.00

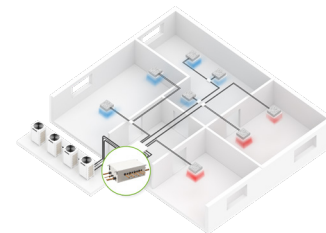
MVBHR



- MVBHR: Modular multi-split VRF for 3-pipe systems with DC inverter technology. From 1 to 80 connectable indoor units
- Units prepared for installation in three-pipe systems
- Wide range of indoor units available



SPECIFICATIONS:



VRF system - 3-pipe heat pump

MVBHR	2240T	2800T	3350T	4000T	4500T	5040T	5600T	6150T
● kW	22.40	28.00	33.50	40.00	45.00	50.40	56.00	56.00
● kW	22.40	28.00	33.50	40.00	45.00	50.40	52.00	52.00



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