

BLAUPUNKT

internet of things

WORKS WITH amazon alexa

works with the Google Assistant

19°C

Wi-Fi

24h

QUIET

19°C

Enjoy it.

Catalogue 2018

Air conditioning | Heat pumps | Dehumidification | Purification

Decades of innovation



1923 – Berlin, Germany



1932 – first car radio worldwide



1952 – first FM car radio worldwide



1989 – first European navigation system



2009 – The world's first Internet radio



2010 – LED & LCD TV



2010 – Audio System



2011 – Security system



2012 – Air Conditioner Nitro Smart



2013 – Mobile Air Conditioner Moby Blue



2014 – Mobile phones



2015 – Air Purifier Lavender



2016 – Robot Vacuum Cleaner



2017 – Dehumidifier Vaco

Enjoy it.

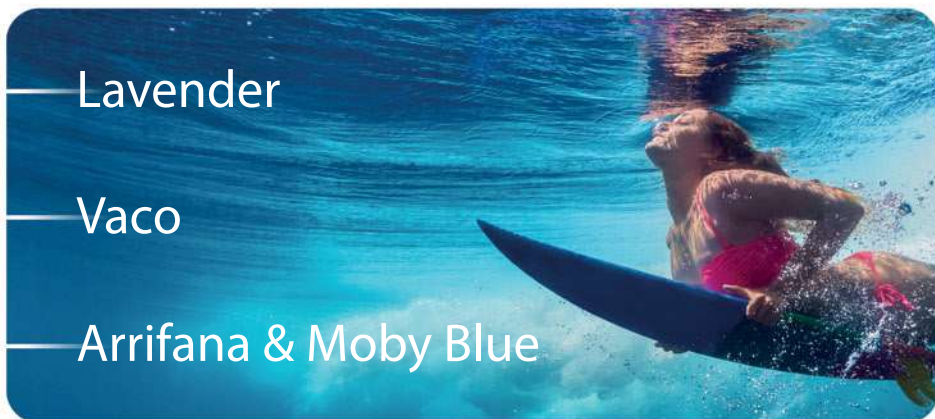
Plug&Play

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— Lavender

— Vaco

— Arrifana & Moby Blue



Installation Devices

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— Osaka

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— Nitro Smart

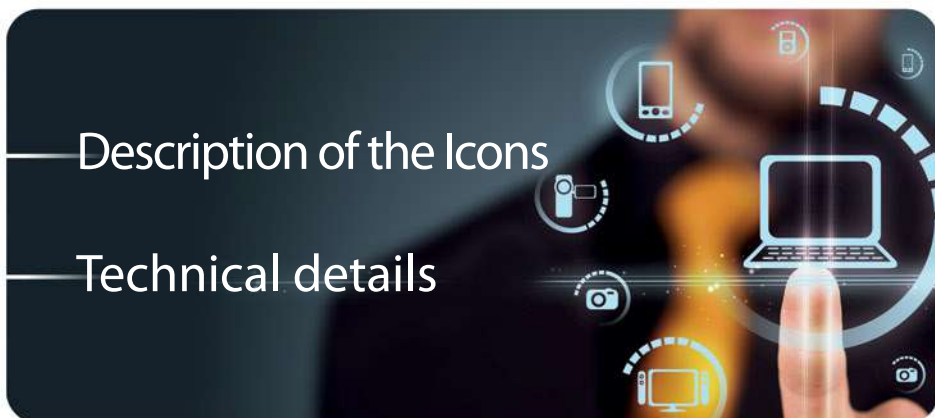


Details

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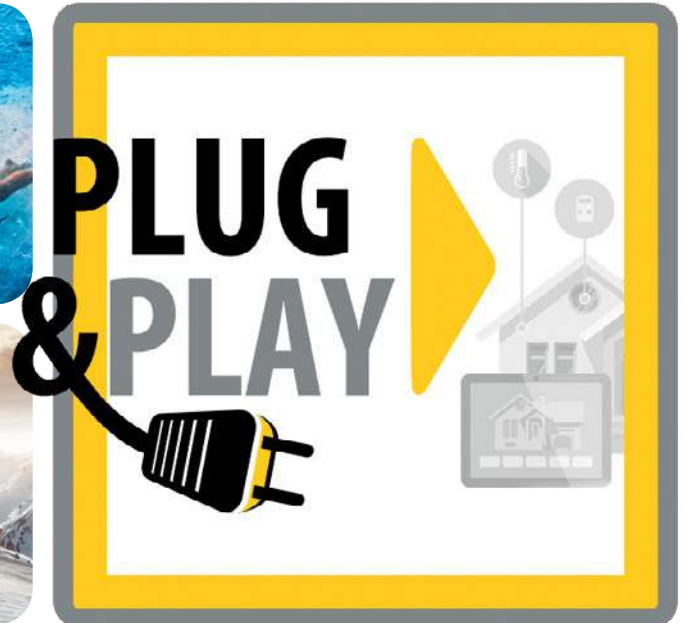
— Description of the Icons

— Technical details



Plug&Play

ergo pro ● **BLAUPUNKT**



MATEKO THE LEADER

BLAUPUNKT Plug&Play offers a full selection of portable air conditioners, air purifiers and air dehumidifiers. The Arrifana, Moby Blue, Vaco and Lavender series are constantly in the catalogues of the most popular online shops and traditional retailers. Blaupunkt offers its business partners full support, consisting of photos, descriptions and film presentations on websites or YT.

THE LOWEST NOISE LEVEL

BLAUPUNKT consequently enhances product parameters. The greatest user comfort as well as quiet operation are our strategic objectives. The devices use technology that enables soft operation of the compressor and quiet air discharge. The reduction of the noise level lets you enjoy the optimal outcome in silence.

DESIGN

BLAUPUNKT products are designed for those who value efficiency, mobility, comfort and, in particular, design. The stylish concept of the devices perfectly suits classic as well as modern interiors. Design Blaupunkt highlights the exclusive and timeless character of each product.

Enjoy it.

LAVENDER



The air around us contains not only natural particles but also air contaminants that adversely affect our health and well-being. Blaupunkt products eliminate up to 99.9995% of air contaminants thanks to the latest generation technology used in our air purification systems.



Lavender 3537W

BAP-HA-I3537-U20W | Air purification stages: 6

Built-in Wi-Fi enables you to connect with the purifier through your smartphone or tablet wherever an Internet connection is available. The mobile app facilitates device control as well as current PM2.5 humidity level and air temperature.



Lavender 2041

BAP-HC-I2041-X18X | Air purification stages: 5

The 5 air purification stages include filtering as well as air contaminant elimination, incl. PM2.5. Harmful substances are decomposed and bacteria, viruses, mould and fungi are deactivated.



The ULPA filter (Ultra Low Penetration Air Filter) is a new technology in air purifiers for universal applications. This technology, previously used exclusively under laboratory conditions, is now available in the Blaupunkt air purifier.

High filtration efficiency enables a purification level of 99.9995%.



A PAC filter ensures fast and efficient removal of cigarette smoke, formaldehyde, benzene, xylene as well as volatile organic compounds (VOC). UV lamps are one of the best means for air disinfection.

"Air vitamins" are generated through the ionization function. Negative ions are bactericidal and neutralise viruses. The Lavender purifiers are certified by the PZH (National Hygiene Institute) and so are useful in households, offices, public utility facilities, nurseries, kindergartens and schools.

Model	Air purification stages	Purification efficiency %			CADR	Noise level	Weight	Package dimensions
Basic information	Number of stages	PM2.5 (particulate matter)	Bacteria and viruses	Formaldehyde	CFM m³/h	dB(A)	Net/Gross kg	W x H x D mm
BAP-HA-I3537-U20W	6	99.9995 (ULPA), 99.99 (HEPA)	99.99	98	206 350	16/22/28/36	8.5/9.9	400 x 617 x 189
BAP-HC-I2041-X18X	5	99.99	99	98	206 350	18/26/34/46	8.2/9.5	490 x 715 x 280

VACO



The Vaco series devices are of the highest quality for home and semi-professional applications. The Blaupunkt dehumidifiers are perfect for daily use, especially in places exposed to mould: rooms with high water vapour level, by house refurbish and in new buildings.



Vaco 5008

BDH-RE-5008-H06C |
Maximum dehumidification efficiency: 60 l/24 h

High dehumidification efficiency ensures that the Vaco 5008 is useful especially for semi-professional applications, e.g. for dehumidification in new buildings or during repairs. Continuous operation mode does not require emptying of the tank.



The Shoe Rapidry technology is one of the innovative functions of the Vaco 2404 dehumidifier. The function enables fast drying of wet shoes and prevents them from being damaged, making them available for reuse in a short time.



Vaco 2504

BDH-RE-2504-H06C |
Maximum dehumidification efficiency: 25 l/24 h

Protect your spaces from humidity with Blaupunkt Vaco 2504 dehumidifiers. The device is equipped with a series of defined operating modes adjusted to specified locations. The optimal humidity level for individual rooms depends on their intended use.



Vaco 2404

BDH-RE-2404-H06T |
Maximum dehumidification efficiency: 24 l/24 h

The Vaco 2404 universal dehumidifier has 5 operating modes: Dehumidification, Turbo, Quiet, Clothes Drying, Shoe Drying. Additional Auto-swing function.



The Vaco 2404 HEPA filter ensures not only the proper humidity level, but also removes air contaminants. In addition, the ionization function enhances room air parameters. The tank overflow protection and childproof locking device guarantee user safety.

Model	Dehumidification capacity	Operational temperature range	Airflow	Tank volume	Noise level	Weight	Package dimensions
Basic information	(32RH-80%) l/24 h	°C	m³/h	l	dB(A)	Net/Gross kg	W x H x D mm
BDH-RE-2504-H06C	25	5~32	190/170/130	3.5	37/38/40	14/17	335 x 550 x 430
BDH-RE-5008-H06C	60	5~32	330/300/250	6.5	37/39/40	20/23	375 x 685 x 455
BDH-RE-2404-H06T	24	5~32	165/131/112	4	32/34/36	15/17	445 x 640 x 315

Internet of Things



Internet of Things (IoT), an innovative technological revolution, creates a new communication space between ourselves and objects equipped with conceptual apps. Smart Home is a space that enables connection to the devices through voice assistant or by a click on your smartphone. Blaupunkt personalised devices work with Amazon Alexa

(Echo), Google Assistant (Google Home), Android or iOS through a single universal app.

IoT is a huge, fast growing new technology market with BLAUPUNKT as a leader.

Arrifana



The concept of the name comes from Arrifana, an extraordinarily picturesque beach in Portugal, highly valued among surfers. The series has been developed for active individualists and offers ideally personalised devices.



Arrifana 08C

BAC-PO-0008-C06D | Cooling: 2.33 kW

The device's compact design makes it the perfect solution for confined spaces. Despite its small size, this air conditioner ensures high cooling power level, efficient dehumidification and ventilation.



Arrifana 15

BAC-PO-0015-C06D | Cooling: 4.4 kW

The Arrifana 15 with a cooling capacity of 4.4 kW is among the most powerful cooling devices of this kind on the market. The Turbo mode ensures immediate cooling on hot days. The user-friendly design of the device makes it highly functional and efficient.



The Dehumidification System is an exceptionally efficient and independent dehumidification system. Arrifana 15 has been tested in the extreme climatic conditions of Australia, and the results are 80 litres of water removed in a day with a surrounding temperature of 35°C and humidity of 85%.



Exceptionally quiet operation thanks to the maximum reduction of the noise level. In addition, the soundproof technology used in the compressor reduces the sound level and lets you enjoy an optimal temperature in silence. This innovative solution makes the Blaupunkt air conditioners one of the quietest devices on the market.

Model	Capacity kW (kBTU)		Dehumidification	Thermostat set point range		UE Energy class	Noise level	Weight	Package dimensions
	Cooling	Heating		Cooling	Heating				
Basic information			l/h				dB(A)	Net/Gross kg	W x H x D mm
Moby Blue									
BAC-PO-0909-C06D	2.8 (9.5)	2.65 (9)	1.15	18~32	13~27	A/A+	26/34/42/44	30/36	495 x 870 x 405
BAC-PO-1011-E06D	3.2 (11)	2.9 (10)	1.5	18~32	13~27	A/A+	24/32/42/44	31/35	495 x 870 x 405
BAC-PO-1012-C06D	3.5 (12)	2.9 (10)	1.5	18~32	13~27	A/A+	27/36/44/45	31/37	495 x 870 x 405
BAC-PO-1012-C06B	3.5 (12)	2.9 (10)	1.5	18~32	13~27	A/A+	27/36/44/45	31/37	495 x 870 x 405
BAC-PO-1012-T06W	3.5 (12)	2.9 (10)	1.5	18~32	13~27	A/A+	27/36/44/45	31/37	495 x 870 x 405
Arrifana									
BAC-PO-0008-C06D	2.33 (8)	—	0.83	18~32	—	A	28/38/44/46	25/32	345 x 885 x 575
BAC-PO-0015-C06D	4.4 (15)	—	3.33	18~35	—	A	32/43/45/47	41/50	445 x 875 x 730

MOBY BLUE



The inspiration for this series comes from the desire to develop high-capacity universal mobile devices with timeless design. These air conditioners match perfectly with modern interiors thanks to their exclusivity and unique shape. The latest Smart Home technology will take you to the IoT world.



Moby Blue 1012B

BAC-PO-1012-C06B | Cooling/Heating: 3.5/2.9 kW

This device stands out due to its exceptional colouring. It is the best choice for those who value not only the effectiveness of the device, but also its style, elegance and prestige. The air conditioner ensures user comfort thanks to quiet operation, simplicity of use and high efficiency.



Moby Blue 0909

BAC-PO-0909-C06D | Cooling/Heating: 2.8/2.65 kW

The Moby Blue 4-in-1 efficiently cools, heats, dehumidifies or ventilates surfaces up to 25m². It doesn't require specialised installation, and the condensation is automatically drained via the evaporation system.



Moby Blue 1012WT

BAC-PO-1012-T06W | Cooling/Heating: 3.5/2.9 kW

The gear fully combines efficiency and high quality with an innovative design. The Smart Home technology enables the device's voice control, and short commands change the air conditioner settings.



Moby Blue 1011E

BAC-PO-1011-E06D | Cooling/Heating: 3.2/2.9 kW

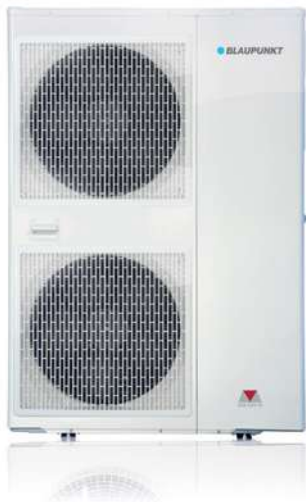
It perfectly combines high quality workmanship with high performance and care for the natural environment. The R290 cooling factor applied in the device ensures high energy and cooling efficiency.



The R290 refrigerant is an environmentally-friendly solution. It doesn't impact adversely on the ozone layer and has a very low global warming potential. The substance is ecological and comes from natural resources. Operating parameters more favourable than those of the R410a factor help reduce noise levels.

Installation Devices

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EFFICIENCY AND DURABILITY:

Perfect precision and optimisation of the air conditioner and pump design are a result of the engineers' collaboration with Blaupunkt Competence Center Aircons MATEKO. The innovative BLAUPUNKT products have a modular and progressive structure configuration. Excellent production materials ensure the device has a long lifetime.

THE HIGHEST ENERGY CLASS:

The use of inverter technology and the BLDC motors of the external unit ventilators guarantees smoothness of operation. The microprocessor control based on a modern algorithm ensures an efficiency that helps achieve desired settings up to 4 times faster. The outcome is a high energy class.

EASY TO INSTALL:

The BLAUPUNKT installation equipment will guarantee great comfort for the fitter. An improved mounting plate, bigger installation space, easy access to the external unit elements as well as easy-to-understand distribution of the relevant components ensure a faster assembly. Easy installation lets the fitters plan their work more efficiently and receive – especially in the peak season - more installation jobs, which will multiply their profit.

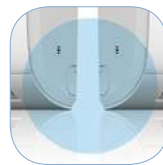
Enjoy it.

Know-how



Low noise level

Additional noise reduction through a modified angle for air discharge and reduced air resistance due to the bigger surface of the heat exchanger.



Condensate drains

All BLAUPUNKT units ensure, as a standard, the option to drain condensate on both sides of the unit. This makes assembly much easier.



PCB

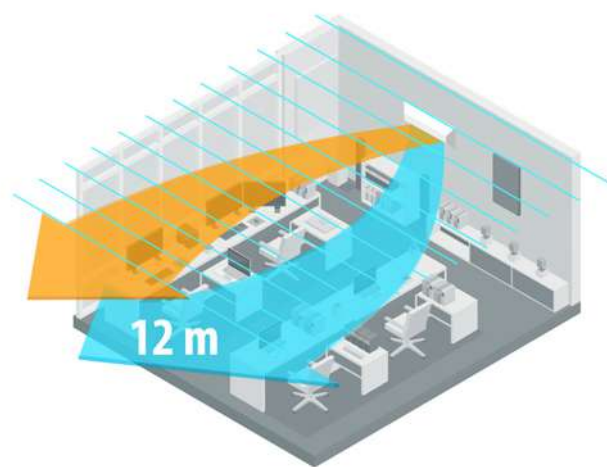
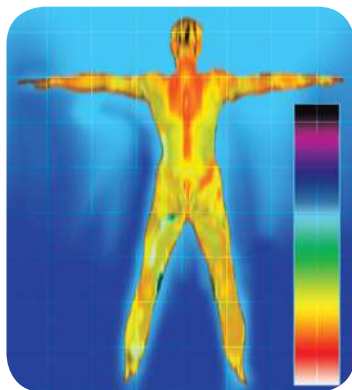
The new, improved PCB structure guarantees wider universality and reduces the risk of failure.

Healthy air

A higher class washable filter picks up air contaminants.

Air ioniser

Negative ions are bactericidal and neutralise viruses.



The device design for comfort, efficiency and durability is only the first stage of a long-lasting process. The next stage involves production based on the highest quality materials and, as a consequence, the fulfilment of user expectations combined with the best price. The knowledge of how to

construct and produce the highest class devices in living technology is gathered throughout the years. MATEKO makes use of almost a 100 years' experience of BLAUPUNKT and derives inspiration from the best examples. BLAUPUNKT means commitment to our partners and clients.

BLUVENTER



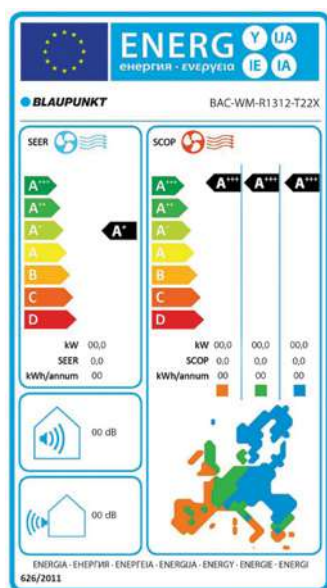
The BLAUPUNKT BluVenter BV2 air conditioners are of a higher category due to their excellent technical parameters. BluVenter is a Smart Home-type device. The BluVenter air conditioner may be controlled through voice assistant.



BV2 9000/12000/18000

BAC-WM-R1009-T22X | Cooling/Heating | voice assistant
BAC-WM-R1312-T22X | Cooling/Heating | voice assistant
BAC-WM-R1818-T22X | Cooling/Heating | voice assistant

Complementary air conditioner – BluVenter: functionality, elegance, style, efficiency and energy saving. Optimised electronics and electric box. Quiet operation and the Smart Home function are BluVenter's two most essential features.



Model Slim

BluVenter is distinguished by its unique dimensions and slim design in comparison with commonly available products of other companies. It occupies little space and is a perfect solution for any interior.

Additional reduction of the noise level by 1-2 dB through the modified angle of air discharge. **Better cooling distribution.**



New Energy Labeling Points

Annual efficient operation			Seasonal efficiency	
	0.5W	➡	<ul style="list-style-type: none"> Integrates part load capacity Optimised for several rating temp. 	
	STANDBY		➡ SEER SCOP	
Reduce total power consumption			Total power consumption	
	ENERGY SAVING	➡	<ul style="list-style-type: none"> Operating power consumption Standby power consumption Crank case heater Thermo off 	
Low noise products			Sound power level	
	30.0 dB	➡	New criteria	

Model	Capacity kW (kBTU)		SEER/SCOP	Noise level dB(A)	UE Energy class	Cooling reader	Internal unit dimensions	Maximum piping length	Maximum overhang	Voice assistant + Wi-Fi	iDAC
	Cooling	Heating					mm				
BAC-WM-R1009-T22X	2.6 (9)	2.8 (10)	6.7/4.06	18/21/34/38	A++/A+	R32	792 x 279 x 195	25	15	YES	slim-universal
BAC-WM-R1312-T22X	3.5 (12)	3.65 (13)	6.5/4	20/22/35/40	A++/A+	R32	850 x 291 x 203	25	15	YES	slim-universal
BAC-WM-R1818-T22X	5.13 (18)	5.27 (18)	6.3/4	27/30/44/47	A++/A+	R32	972 x 302 x 224	25	15	YES	slim-universal

NITRO SMART



NS2R 9000 / 12000

BAC-WM-R1009-A22W | Cooling/Heating
BAC-WM-R1312-A22W | Cooling/Heating

The BLAUPUNKT Nitro Smart units are typical of most consumers' expectations. Easy to use, efficient, manufactured with materials suitable for the natural environment. They include a series of practical solutions that enhance functionality. User friendly.



NS2R 18000 / 23000

BAC-WM-R1818-A22W | Cooling/Heating
BAC-WM-R2322-A22W | Cooling/Heating

BLAUPUNKT offers a full range of devices, 4 different efficiencies from 2.6/9000 (kW/BTU) to the highest 7/23000. The internal unit dimensions are adjusted to power so that the operation and air treatment are as quiet as possible.



The new R32 cooling factor is more power-effective. A smaller amount of this factor produces the same results as in the case of common F-gases. Global warming potential (GWP) for R32 is 3 times lower than for R410a, with very similar characteristics. Safe, low flammability – 2l class.

MATEKO presents a new category of wall air conditioner classification. The BLAUPUNKT models are the first air conditioners with unified typology for design. iDAC Interior Design of Air Conditioners. The multiplicity of the present-day civilizational aesthetic experiences correlates with the users' expectations to match the individual interior design with a specific stylisation. The iDAC classification creates a professional facility for the clients.



Model	Capacity kW (kBTU)		SEER/SCOP	Noise level	UE Energy class	Cooling reader	Internal unit dimensions	Maximum piping length	Maximum overhang	iDAC
	Cooling	Heating		dB(A)			mm	m	m	
BAC-WM-R1009-A22W	2.6 (9)	2.8 (10)	6.15/4.06	18/26/32	A++/A+	R32	821 × 283 × 200	20	12	universal
BAC-WM-R1312-A22W	3.5 (12)	3.65 (13)	6.15/4.06	19/33/38	A++/A+	R32	884 × 298 × 205	20	12	universal
BAC-WM-R1818-A22W	5.13 (18)	5.27 (18)	6.12/4.06	26/39/42	A++/A+	R32	1003 × 310 × 222	20	12	universal
BAC-WM-R2322-A22W	6.45 (22)	6.6 (23)	6.12/4.06	29/42/45	A++/A+	R32	1109 × 331 × 250	20	12	universal

OSAKA



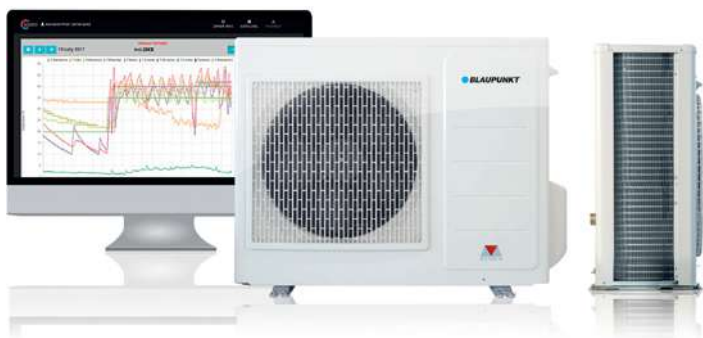
Cooling, heating, CWU production. Input water temperature range from 6.5 °C to 60 °C. Heat pumps are investments in the future that ensure low and stable costs. Blaupunkt heat pumps offer a user-friendly control system through a room controller or the Internet. Remote service module for fitters and repairers. The Osaka series is proof of Japanese products' legendary quality and reliability. Made in Japan.



Osaka 6 and 10

BHP-AW-M2117-R15E | Air-water monoblock | Cooling/Heating
BHP-AW-M3527-R15E | Air-water monoblock | Cooling/Heating

The monoblock system enables space and installation cost saving. All the hydraulic elements are enclosed within the external unit. It enables a direct connection of the external unit to the heating and cooling devices. Low Tariff mode guarantees low-cost operation of the device with optimal temperature ensured.



Model	OSAKA 6	OSAKA 10	OSAKA 16
Heat capacity kW (kBTU)	6 (20)	10 (35)	16 (55)
Cooling capacity kW (kBTU)	5 (17)	8 (27)	16 (55)
External temperature (Heating/Cooling)	-20~43/18~43	-20~43/18~43	-20~43/15~43
COP/EER	4.4/3.0	4.4/3.0	4.2/3.2
UE Energy class	A+/A++	A+/A++	A+/A++
Annual energy use 55°C/35°C kWh (levelised)	3057/2085	4536/3583	6997/6165
Power supply V~/Hz/Ph	230/50/1	230/50/1	230/50/1
Built-in electrical heater	YES	YES	YES
Noise level 5m/2m/1m dB(A)	34/42/48	37/45/51	36/44/50



Osaka 16

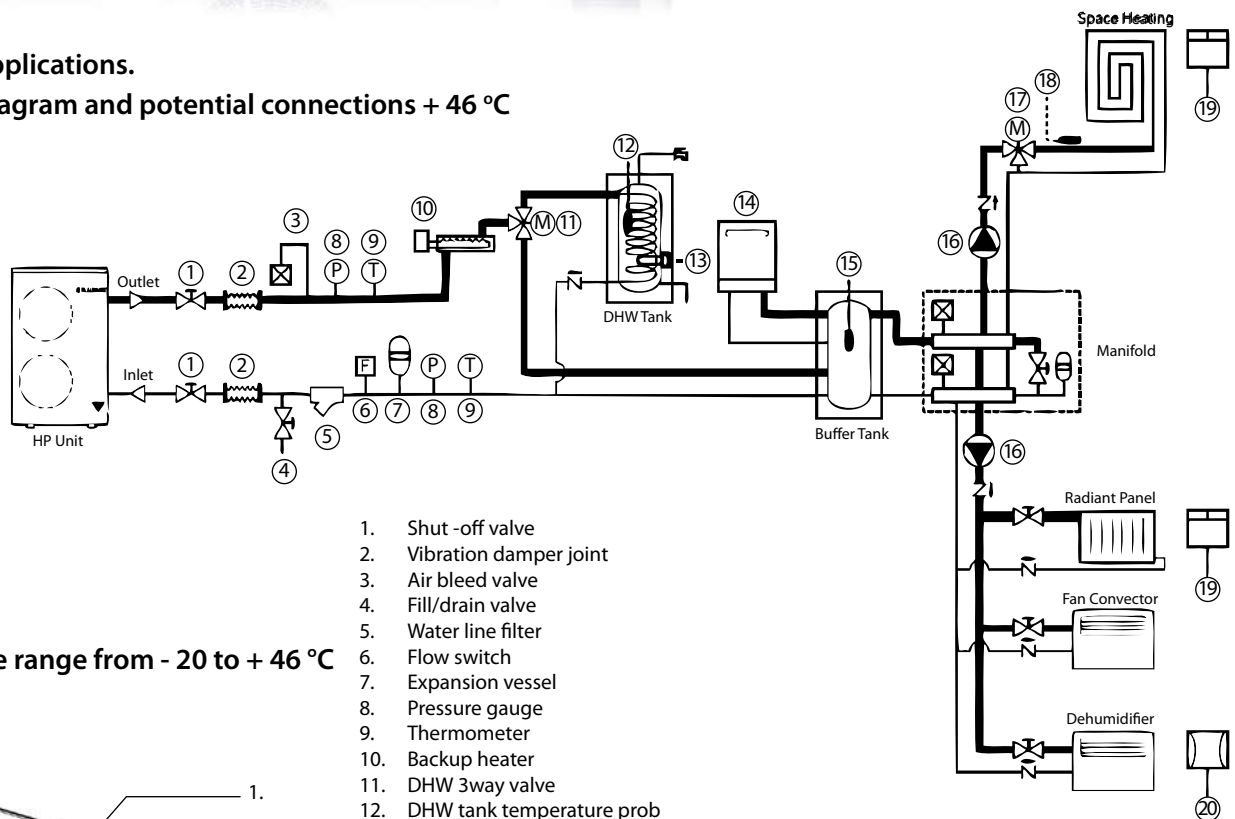
BHP-AW-M5555-R15E | Air-water monoblock | Cooling/Heating

High savings. Inverter technology with a twin rotary DC compressor. Effective water heat exchanger. DC ventilator. Night mode is a consecutive, economic function that helps save energy and reduce noise levels.



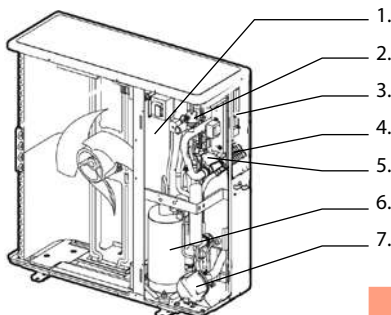
Variety of applications.

Hydraulic diagram and potential connections + 46 °C



Reliability.

Temperature range from - 20 to + 46 °C



1. Shut -off valve
2. Vibration damper joint
3. Air bleed valve
4. Fill/drain valve
5. Water line filter
6. Flow switch
7. Expansion vessel
8. Pressure gauge
9. Thermometer
10. Backup heater
11. DHW 3way valve
12. DHW tank temperature prob
13. DHW electric heater
14. EHS
15. Buffer tank temperature probe
16. Additional water pump
17. Mixing valve
18. Mix water temperature probe
19. Remote controller
20. Humidity sensor

DEVICE DESCRIPTION

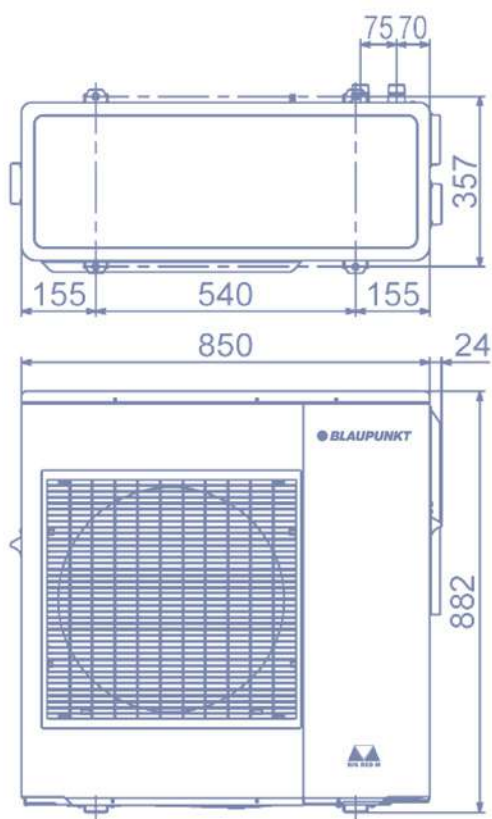
1. PCB (Main)
2. PCB (Terminal)
3. Terminal block
4. Pressure relief valve
5. Air purge valve
6. Compressor
7. Pump

Conditions	Capacity kW	Electric power consumption. kW	COP
A35W18 (Power rating)	15.66	4.11	3.81
A35W18 (Maximum power)	16.14	4.11	3.92
A35W7 (Power rating)	11.3	3.76	3.01
A35W7 (Maximum power)	12.24	4.23	2.89

Conditions	Capacity kW	Electric power consumption. kW	COP
A7W35	20.09	5.32	3.77
A2W35	13.09	4.45	2.94
A-7W35	12.72	5.2	2.44
A-15W35	10.75	5.19	2.07
A-20W35	7.86	4.68	1.68
A7W45	16.97	5.35	3.17
A2W45	12.11	4.74	2.55
A-7W45	10.97	5.2	2.11
A-15W45	9.09	5.19	1.75
A7W55	14.19	5.31	2.67
A2W55	10.89	4.96	2.19
A-7W55	8.93	5.2	1.72
A-15W55	7.4	5.2	1.42

Details

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TECHNOLOGY:

BLAUPUNKT products are manufactured according to European standards, and with the best and most durable components. The ErP directive (Energy-related Products) defines direction and production frameworks for modern and energy-saving devices. MATEKO fully adheres to the directive recommendations, using the latest generation, innovative technologies.

PARTNERSHIP:

Through partnership we aim to create a consistent strategy including a common objective, plan and its completion in solidarity. Cooperation, support, openness to suggestions, trust and harmonious troubleshooting are our main objectives. MATEKO is a market-oriented company, creating and offering products that are exceptional, durable, and with the best price.

MARKETING SUPPORT AND TECHNICAL MATERIALS:

MATEKO offers partners full marketing support. Original photos, graphics and texts are at our partners' disposal. We ensure quick access to spares from two European warehouses. We actively support modern forms of sale on the Internet.

Enjoy it.

Icons

  	Operational mode number for a single device		Temperature sensors in remote control
  	Controller/display type	  	Automatic defrosting or/and heating function for the external unit compressor.
 	Exceptionally quiet operation		
  	Type of cooling factor		CWU production
 	Cleaning		High efficiency
	Night mode		Monoblock
 	Automatic diagnostics		Service internet app
	Time mode	 	Saving mode
 	Balanced air distribution		Dust sensor
	Wi-Fi	 	Pre-filter
	Independent dehumidification	   	Air purification
	"Stand by" mode power use 0.5 W	 	Ionisation, UV lamp
	Automatic start if the room temperature drops below 8 °C.		Device electronic control
	Smart operation		Ventilator speed
	Setting recovery after power interruption		Blockade
	Full power mode		

Technical details

Lavender 2041

Lavender 3537W



Model			BAP-HA-I3537-U20W	BAP-HC-I2041-X18X
Number of stages for air purification			6	5
Pre-filter			YES	YES
HEPA filter / ULPA filter			YES / YES	YES / —
Activated carbon filter			YES	YES
Carbon filter			—	YES
Photocatalytic filter			YES	—
UV lamp			YES	—
Air ioniser			YES	YES
Purification efficiency	PM2.5 (particulate matter)	%	99.9995 (ULPA-U15) 99.99 (HEPA-H13)	99.99
	Bacteria and viruses	%	99.99	99
	Formaldehyde	%	98	98
CADR	Purified air flow	CFM m³/h	206 350	206 350
Airflow		m³/h	370	411
Noise level	Min./Low/Av./High	dB(A)	16/22/28/36	18/26/34/46
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1
Power rating		W	72	35
Running current		A	0.3	0.15
Unit dimensions	W × H × D	mm	370 × 570 × 265	400 × 617 × 189
Package dimensions	W × H × D	mm	456 × 679 × 351	490 × 715 × 280
Weight	Net	kg	8.5	8.2
	Gross	kg	9.9	9.5
Application area	Estimated	m²	40-50-75	30-40-60
Compatibility	Smartphone app		iOS, Android	—
EAN			5902596575786	5902596575663

Tehnički podaci

Vaco 2504

Vaco 5008

Vaco 2404



Model			BDH-RE-2504-H06C	BDH-RE-5008-H06C	BDH-RE-2404-H06T
Dehumidification efficiency	32RH80%	l/24h	25	60	24
Cooling reader	Type/Weight	g	R134a/140g	R410a/285g	R134a/140g
Operating humidity range		%	30~90	30~90	30~90
Operational temperature range		°C	5~32	5~32	5~32
Tank volume		l	3.5	6.5	4
Airflow	High/Av./Low	m³/h	190/170/130	330/300/250	165/131/112
Automatic defrosting			YES	YES	YES
Continuous operation			YES	YES	YES
Overflow protection			YES	YES	YES
HEPA filter			—	—	YES
Wi-Fi			—	—	YES
Noise level	Low/Av./High	dB(A)	37/38/40	37/39/40	32/34/36
Humidity setting range	every 5%	%	35~80	35~80	35~80
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1	220~240/50/1
Power rating		W	400	980	285
Running current		A	1.5	3.6	1.37
Unit dimensions	W × H × D	mm	270 × 505 × 370	305 × 640 × 382	395 × 596 × 252
Package dimensions	W × H × D	mm	335 × 550 × 430	375 × 685 × 455	445 × 640 × 315
Weight	Net	kg	14	20	15
	Gross	kg	17	23	17
Application area	Estimated	m²	25-30-45	50-65-80	25-30-45
EAN			5902596575830	5902596575533	5902596575922

Détails techniques

Arrifana 08C Arrifana 15



Model			BAC-PO-0008-C06D	BAC-PO-0015-C06D
Capacity	Cooling	kW (kBTU)	2.33 (8)	4.4 (15)
	Heating	kW (kBTU)	—	—
Cooling reader	Type/Weight	g	R410a/420	R410a/700
Independent operating mode	Cooling		YES	YES
	Heating		—	—
	Dehumidification		YES	YES
	Ventilation		YES	YES
EU Energy class		EER	A	A
EER			2.61	2.62
Dehumidification capacity		l/h	0.83	3.33
Airflow		m³/h	350	450
Noise level	Min./Low/Av./High	dB(A)	28/38/44/46	32/43/45/47
Thermostat set point range	Cooling	°C	18~32	18~35
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1
Power rating	Cooling	W	890	1680
Running current	Cooling	A	4.1	7.5
Unit dimensions	W × H × D	mm	283 × 700 × 506	365 × 775 × 568
Package dimensions	W × H × D	mm	345 × 885 × 575	445 × 875 × 730
Weight	Net	kg	25	41
	Gross	kg	29	50
Discharge pipe diameter		mm	130	150
Discharge pipe length		mm	1500	1500
Application area	Estimated	m²	10-15-20	25-30-35
EAN			5902596575526	5902596575687

Dati tecnici

Moby Blue 0909 Moby Blue 1011E Moby Blue 1012B Moby Blue 1012WT



Model			BAC-PO-0909-C06D	BAC-PO-1011-E06D	BAC-PO-1012-C06D	BAC-PO-1012-C06B	BAC-PO-1012-T06W
Capacity	Cooling	kW (kBTU)	2.8 (9.5)	3.2 (11)	3.5 (12)	3.5 (12)	3.5 (12)
	Heating	kW (kBTU)	2.65 (9)	2.9 (10)	2.9 (10)	2.9 (10)	2.9 (10)
Cooling reader	Type/Weight	g	R410a/580	R290/260	R410a/620	R410a/620	R410a/620
Independent operating mode	Cooling		YES	YES	YES	YES	YES
	Heating		YES	YES	YES	YES	YES
	Dehumidification		YES	YES	YES	YES	YES
	Ventilation		YES	YES	YES	YES	YES
EU Energy class		EER/COP	A/A+	A/A+	A/A+	A/A+	A/A+
EER/COP			2.61/2.73	2.60/2.81	2.72/2.63	2.72/2.63	2.72/2.63
Dehumidification capacity		l/h	1.15	1.5	1.5	1.5	1.5
Airflow		m³/h	330	300	350	350	350
Noise level	Min./Low/Av./High	dB(A)	26/34/42/44	24/32/42/44	27/36/44/45	27/36/44/45	27/36/44/45
Thermostat set point range	Cooling	°C	18~32	18~32	18~32	18~32	18~32
	Heating	°C	13~27	13~27	13~27	13~27	13~27
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power rating	Cooling	W	1070	1230	1200	1200	1200
	Heating	W	970	1035	1080	1080	1080
Running current	Cooling	A	4.7	5.4	5.3	5.3	5.3
	Heating	A	4.3	4.6	4.8	4.8	4.8
Unit dimensions	W x H x D	mm	435 x 715 x 350	435 x 715 x 350	435 x 715 x 350	435 x 715 x 350	435 x 715 x 350
Package dimensions	W x H x D	mm	495 x 870 x 405	495 x 870 x 405	495 x 870 x 405	495 x 870 x 405	495 x 870 x 405
Weight	Net	kg	30	31	31	31	31
	Gross	kg	36	35	37	37	37
Discharge pipe diameter		mm	130	130	130	130	130
Discharge pipe length		mm	1500	1500	1500	1500	1500
Application area	Estimated	m²	15-20-25	20-25-30	20-25-30	20-25-30	20-25-30
Compatibility	Smartphone app		—	—	—	—	iOS, Android
EAN			5902596575557	5902596575915	5902596575670	5902596575724	5902596575908

Technische Daten

NS2R 9000
NS2R 12000
NS2R 18000
NS2R 23000



Model			BAC-WM-R1009-A22W	BAC-WM-R1312-A22W	BAC-WM-R1818-A22W	BAC-WM-R2322-A22W
Capacity	Cooling	kW (kBTU)	2.6 (9)	3.5 (12)	5.13 (18)	6.45 (22)
	Heating	kW (kBTU)	2.8 (10)	3.65 (13)	5.27 (18)	6.6 (23)
Cooling reader	Type/Weight	g	R32/520	R32/780	R32/930	R32/1050
	additional dose	g/m	20	20	20	20
Independent operating mode	Cooling		YES	YES	YES	YES
	Heating		YES	YES	YES	YES
	Dehumidification		YES	YES	YES	YES
EU Energy class		EER/COP	A++/A+	A++/A+	A++/A+	A++/A+
SEER/SCOP			6.15/4.06	6.15/4.06	6.12/4.06	6.4/4.06
Annual energy use (average)	Cooling/Heating	kWh/year	149/910	201/1050	293/1435	367/1820
Dehumidification capacity		l/h	0.80	1.40	1.80	2.4
Airflow		m³/h	330/430/490/530	330/460/540/660	520/610/720/850	850/950/1050/1150
Noise level	Min./Low/Av./High	dB(A)	19/28/34/38	21/30/37/41	32/37/41/44	37/40/45/47
Thermostat set point range	Cooling	°C	16~31	16~31	16~31	16~31
	Heating	°C	16~31	16~31	16~31	16~31
Operation range	External unit	°C	-10 -43	-10 -43	-10 -43	-10 -43
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power rating	Cooling	W	150-1430	180-1560	320-2460	380-2800
	Heating	W	180-1550	220-1650	350-2300	400-2500
Running current	Cooling	A	3.6	4.8	7.0	8.9
	Heating	A	3.4	4.4	6.3	8.4
Unit dimensions (W × H × D)	Internal unit	mm	821 × 283 × 200	884 × 298 × 205	1003 × 310 × 222	1109 × 331 × 250
	External unit	mm	830 × 540 × 325	830 × 540 × 325	960 × 700 × 396	960 × 700 × 396
Package dimensions (W × H × D)	Internal unit	mm	898 × 291 × 353	951 × 298 × 369	1080 × 314 × 383	1181 × 354 × 417
	External unit	mm	879 × 605 × 366	879 × 605 × 366	1011 × 763 × 455	1011 × 763 × 455
Net/Gross weight	Internal unit	kg	9.5/12	10.5/13	14/17	16.5/20
	External unit	kg	29/32	30/33	43/47.5	43.5/48
Piping	Length without loading factor	m	5	5	5	5
	Liquid	mm(inches)	Ø6.3(1/4")	Ø6.3(1/4")	Ø6.3(1/4")	Ø6.3(1/4")
	Gas	mm(inches)	Ø9.52(3/8")	Ø9.52(3/8")	Ø12.7(1/2")	Ø15.9(5/8")
Defrosting method			automatic	automatic	automatic	automatic
Application area	Estimated	m²	12-18	16-24	25-36	37-54
Compatibility	Smartphone app		iOS, Android	iOS, Android	iOS, Android	iOS, Android
EAN			5902596575939	5902596575946	5902596575953	5902596575991

Technické údaje

BV2 9000
BV2 12000
BV2 18000



Model			BAC-WM-R1009-T22X	BAC-WM-R1312-T22X	BAC-WM-R1818-T22X
Capacity	Cooling	kW (kBTU)	2.6 (9)	3.5 (12)	5.27 (18)
	Heating	kW (kBTU)	2.8 (10)	3.65 (13)	5.5 (18)
Cooling reader	Type/Weight	g	R32/520	R32/780	R32/930
	additional dose	g/m	20	20	20
Independent operating mode	Cooling		YES	YES	YES
	Heating		YES	YES	YES
	Dehumidification		YES	YES	YES
EU Energy class		EER/COP	A++/A+	A++/A+	A++/A+
SEER/SCOP			6.7/4	6.5/4	6.3/4
Annual energy use (average)	Cooling/Heating	kWh/year	149/910	201/1050	293/1435
Dehumidification capacity		l/h	0.80	1.40	1.80
Airflow		m³/h	150/230/440/520	230/300/500/580	480/570/760/850
Noise level	Min./Low/Av./High	dB(A)	18/21/34/38	20/22/35/40	27/30/44/47
Thermostat set point range	Cooling	°C	16~31	16~31	16~31
	Heating	°C	16~31	16~31	16~31
Operation range	External unit	°C	-15-43	-15-43	-15-43
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1	220~240/50/1
Power rating	Cooling	W	150-1430	180-1560	320-2460
	Heating	W	180-1550	220-1800	350-2300
Running current	Cooling	A	3.6	4.8	7.0
	Heating	A	3.4	4.4	6.3
Unit dimensions (W × H × D)	Internal unit	mm	792 × 279 × 195	850 × 291 × 203	972 × 302 × 224
	External unit	mm	830 × 540 × 325	830 × 540 × 325	890 × 598 × 372
Package dimensions (W × H × D)	Internal unit	mm	868 × 280 × 349	927 × 287 × 365	1044 × 304 × 374
	External unit	mm	879 × 605 × 366	879 × 605 × 366	941 × 663 × 412
Net/Gross weight	Internal unit	kg	9/11	10/12	13/15.5
	External unit	kg	29/31.5	30/32.5	40/43
Piping	Length without loading factor	m	5	5	5
	Liquid	mm(inches)	Ø6.3(1/4")	Ø6.3(1/4")	Ø6.3(1/4")
	Gas	mm(inches)	Ø9.52(3/8")	Ø9.52(3/8")	Ø12.7(1/2")
Defrosting method			automatic	automatic	automatic
Application area	Estimated	m²	12-18	16-24	25-36
Compatibility	Smartphone app		iOS, Android	iOS, Android	iOS, Android
Voice assistant			YES	YES	YES
EAN			5902596575960	5902596575977	5902596575984

Dane techniczne

Osaka 6
Osaka 10
Osaka 16



Model			BAC-AW-M2117-R15E	BAC-AW-M3527-R15E	BAC-AW-M5555-R15E
Capacity	Cooling	kW (kBTU)	6 (21)	10 (35)	16 (55)
	Heating	kW (kBTU)	5 (17)	7.1 (27)	16 (55)
EU Energy class		COP/EER	A++/A+	A++/A+	A++/A+
COP	Heating		4.4	4.4	4.2
EER	Cooling		3	3	3.2
Heating	A7W35	COP/power factor	4,11/99%	4.35/98%	4.1/99.7%
	Power rating	kW	6	10	16
	Input power	kW	1.46	2.3	3.71
	Water circuit	l/min	17.2	28.7	45.9
Cooling	A35W18	EER/power factor	3,91/99,4%	3.45/99.9%	3.9/100%
	Power rating	kW	5	8	16
	Input power	kW	1.285	2.32	4.1
	Water circuit	l/min	14.3	22.9	45.9
Noise level	5 m / 2 m / 1m	dB(A)	34/42/48	37/45/51	36/44/50
Input water temp. range	Cooling	°C	6.5	6.5	6.5
	Heating	°C	60	60	60
Operating temp. range	Cooling	°C	18~43	20~43	20~43
	Heating	°C	-20~43	-20~43	-20~43
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1	220~240/50/1
Heat capacity		W55/W35 w %	119/172	119/173	125/163
Running current		A	11.2	17.5	25.3
Unit dimensions	W × H × D	mm	675 × 825 × 330	882 × 850 × 330	1418 × 1000 × 330
Net/Gross weight		kg	52/55	74/80	119/132
Water circulation	Max.	l/min	20	30	50
	Min.	l/min	5	10	15
Water pipe terminal	Output	mm(inches)	Ø20(25/32")	Ø25.4(1")	Ø35(1 3/8")
	Return	mm(inches)	Ø20(25/32")	Ø25.4(1")	Ø35(1 3/8")
Air flow pressure	Rated	bar	1	1	1
	Max.	bar	3	3	3
Cooling reader	Type/Weight	g	R410a/1050	R410a/1720	R410a/2990
Factor pressure max.	Operating	MPa (bar)	0.41 (4.1)	0.41 (4.1)	0.41 (4.1)
	Suction	MPa (bar)	0.15 (1.5)	0.15 (1.5)	0.15 (1.5)
Defrosting method			automatic	automatic	automatic
Service internet module	Option		YES	YES	YES
EAN			5902596575625	5902596575632	5902596575656

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