

A person is skateboarding on a wooden ramp or street. They are wearing light-colored jeans, a dark belt, and red sneakers with white laces. The background is a bright sunset or sunrise, with a warm orange and yellow glow. The person's legs are in motion, and the skateboard is tilted. The overall mood is energetic and youthful.

**BLAUPUNKT**

***Enjoy it.***

EN

Air Conditioner  
RAC & LCAC Europe 2014

# The World of Consumer Lifestyle and Technology



## Quality made by Blaupunkt

Blaupunkt, the global brand with a traditional quality symbol, the blue dot, has been providing its customers with sophisticated electric and electronic products for over 75 years. An extraordinary achievement in the

industry where technical competence, novelty and trendiness have the final say. Blaupunkt has magnificently responded to this challenge, growing into a powerful high-tech corporation. **Nowadays, the blue dot can**

**be found worldwide on TV sets, car radios, navigation systems, consumer electronics, audio, tablet PCs, solar installations and air conditioners.** Undoubtedly, all these items owe their commercial success to the

cutting-edge technology and customer-focused innovation made by Blaupunkt.



**Car Audio**  
Car Radios, Speakers, Amplifier, Antennas and Accessories



**Personal Audio**  
In-ear, On-ear, Design and Noise-Cancelings



**Audio**  
Speaker, Radio, iPhone/ iPad Docking, etc.



**Security & Care.**



**Navigation**  
Mobile Navigation for cars, trucks, caravans and outdoor use



**Handfree Car Kits**  
Easy to connect and fitting for every car.



**World Receiver**  
World Receiver by Blaupunkt



**TV**  
LED and LCD TV'S



**Tablet PCs**  
Tablet PC's and eBook-reader

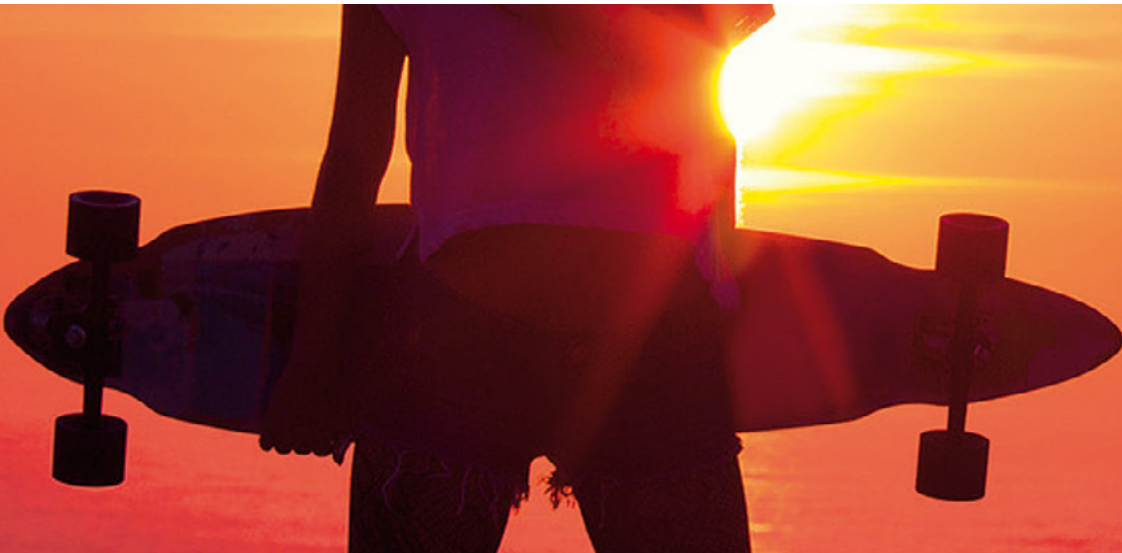


**Telematics**  
GPS and more



**Aircons & Solar**  
Innovative Technologies

*Enjoy it.*



# Table of Contents

The World of Consumer Lifestyle and Technology

Table of Contents




EU Regulations for Energy Label	1
Control Your Air Conditioner from Anywhere	2
Blaupunkt Air Conditioner Wi-Fi Controller	3
Blaupunkt Inverter Technology	4
Indoor Air Quality (IAQ)	6
Icons Guide	8
Wall Mounted	10
RAC Series LPB	11
RAC Series PuntoAzul	12
RAC Series Nitro Inverter	13
RAC Series TurboVenter	14
Cassette Volta	15
RAC Series Volta Compact	16
RAC Series Volta Standard	17
multiBT	18
Technology for multiBT	19
multiBT U2 outdoor	21
multiBT WM indoor	21
multiBT CAC indoor	22
Ideal miniVRF	23
High efficiency	24
Benefits for users	25
Benefits for installers	26
Ideal miniVRF U1 outdoor	27
Ideal mini VRF WM indoor	28
Ideal miniVRF CAS&CAC indoor	29
Portable	30
Portable AC Series Arrifana	31
Portable AC Series Moby Blue 0009	32
Portable AC Series Moby Blue 1312	33

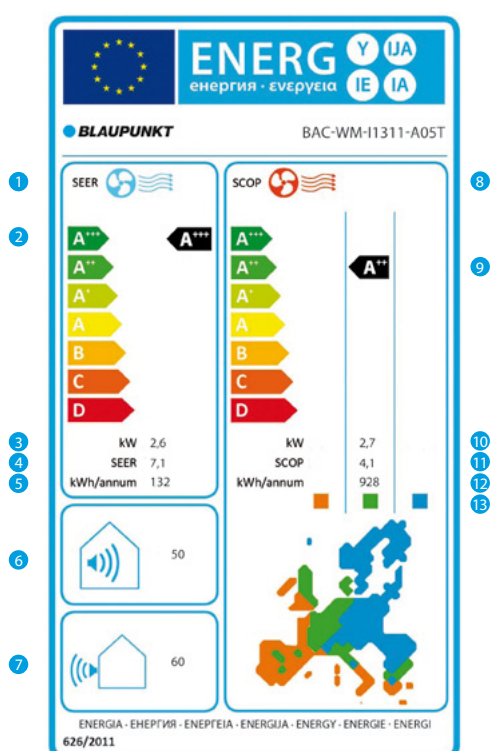
*Enjoy it.*



# EU Regulations for Energy Label

The EU energy consumption labelling system is intended to help consumers knowingly choose electric and electronic devices that save energy. Since their introduction, EU energy labels have greatly contributed towards the reduction of CO<sub>2</sub> emission and thus climate protection.

		New Energy Labelling Points
Annual efficient operation		<b>Seasonal Energy Efficiency Ratio (SEER) &amp; Seasonal Coefficient of Performance (SCOP)</b> <ul style="list-style-type: none"> <li>Annual energy consumption and efficiency in typical day-to-day use</li> <li>Reliable performance rating in cooling (SEER) and in heating (SCOP)</li> <li>Integrated part load capacity</li> <li>Optimisation of various rating temperatures</li> </ul> <div>SEER SCOP</div>
Reduced total power consumption		<b>Total power consumption</b> <ul style="list-style-type: none"> <li>Reduced power consumption in operating mode</li> <li>Reduced power consumption in standby mode</li> <li>Electrical crankcase heater in power saving mode</li> <li>Thermo in off-state</li> </ul>
Low noise products		<b>Level of sound power</b> <ul style="list-style-type: none"> <li>New standards of fans</li> </ul>



1. SEER: Seasonal Energy Efficiency Ratio for cooling
2. Energy efficiency categories for cooling
3. Design load for cooling
4. SEER ratio per cooling season
5. Annual energy consumption per cooling season, incl. auxiliary modes
6. Noise rating in dB for indoor unit
7. Noise rating in dB for outdoor unit
8. SCOP: Seasonal Coefficient of Performance for heating
9. Energy efficiency categories for heating
10. Design load for heating
11. SCOP ratio for heating
12. Annual energy consumption per heating season, incl. auxiliary modes
13. Map of Europe with 3 climate zones (cold, mild and warm) to take into account
  - Cold climate
  - Mild climate
  - Warm climate



# Control Your Air Conditioner from Anywhere



**Blaupunkt** controller is one of the most advanced solutions to remotely manage an air conditioning system by using various mobile devices such as smartphones, tablets and PCs.

## With the Blaupunkt controller, you can:

- Start and stop the indoor unit
- Change the operating mode (cool, heat, fan, auto)
- Change the fan speed
- Change the fin adjustment
- Monitor the room temperature
- Monitor and control the set temperature
- Detect errors and read error code message
- Control scenes, timers and schedule calendars
- Put limits for the set temperature

**Enjoy it.**

# Blaupunkt Air Conditioner Wi-Fi Controller

## Controlling your air conditioner from anywhere

Power Supply	100-230 VAC (Multi-Plug EU, UK, US, AU included)
Size	71 x 71 x 25 mm
Installation	To mount on the wall or to put on the desktop
Wi-Fi	Anywhere with direct access to the AC IEEE 802.11bgn compatible security WEB, WPA and WPA2 DHCP and static IP configuration by automatic search or WPS



**The most advanced solution** to remotely manage Blaupunkt air conditioning systems by using various with mobile devices such as smartphones, tablets and PCs.

## How does it work?

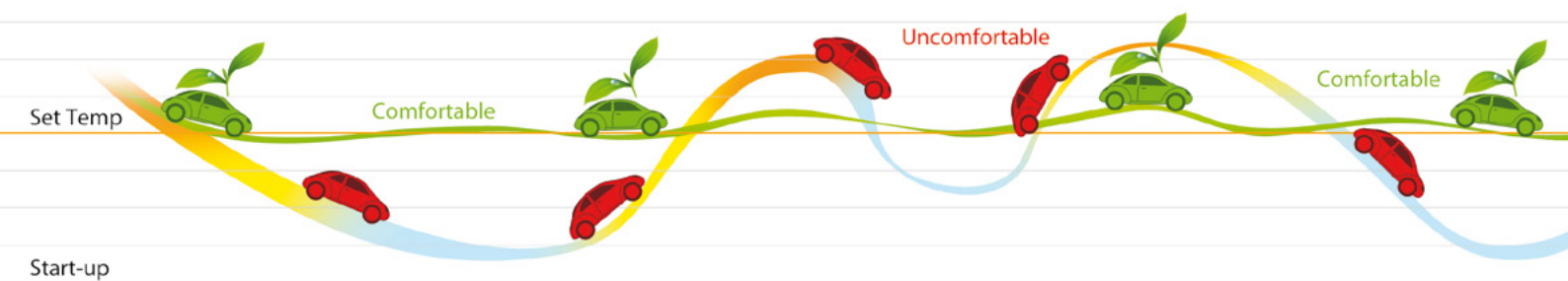
Blaupunkt air conditioning units (BAC) can be intuitively controlled from a website or by using an iOS or Android APP. A wireless (Wi-Fi) device installed in each unit controls its operation. A server in the cloud system manages all the processes.

## Controlling your air conditioner from everywhere you can:

- Turn the BAC on before arriving home.
- Monitor the actual room temperature in your home.
- Change programs according to your needs.
- Turn the unit off when you are out.
- Program the BAC with a scheduler in an easy and intuitive way.
- Use a menu in several languages.
- Save money without losing comfort.

The new IH-IR-WIFI-1 device is equipped with a infrared emitter. It means that every BAC with an IR receiver can be controlled by the Blaupunkt Air Conditioner Wi-Fi Controller.

# Blaupunkt Inverter Technology



**Blaupunkt air conditioners** have adopted the latest **3D and 5D DC inverter technology** to provide users with maximum comfort, to boost energy savings and to ensure low noise operation. Technically, 3D and 5D DC electrical inverters are used to carefully control the speed of the compressor motor and the flow of refrigerant with the consequence that cooling or heating performance can be precisely adjusted to the required temperature.

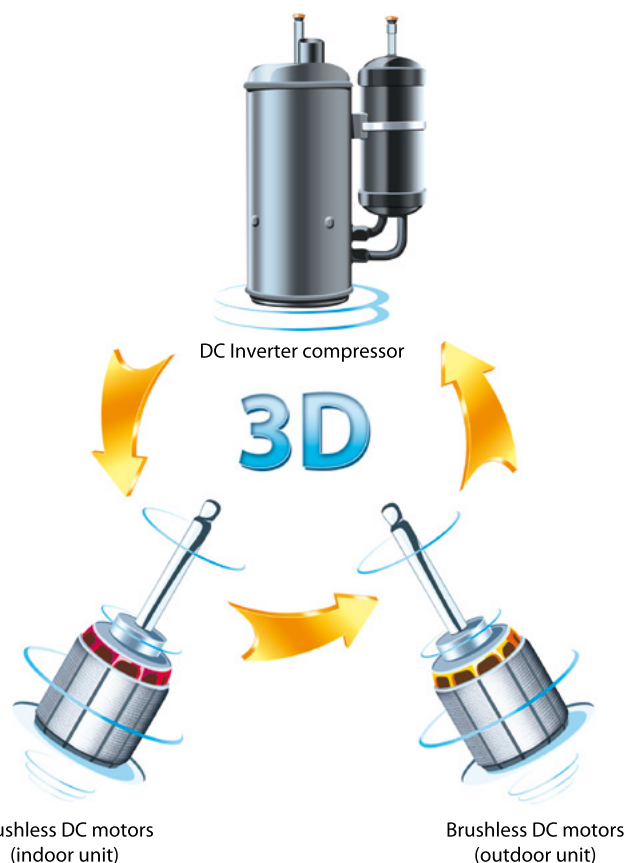
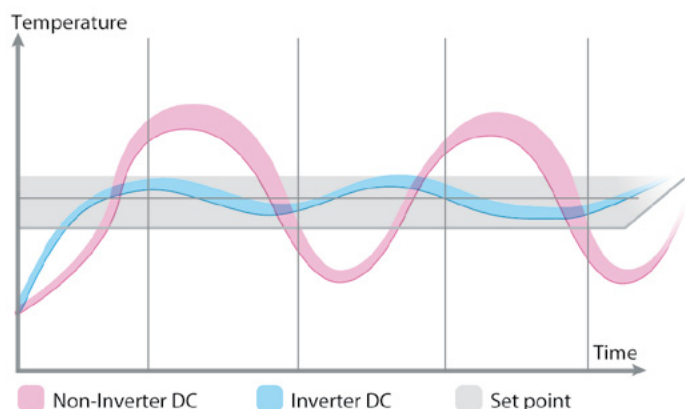
## Full 3D DC Inverter Technology

### Energy saving

Blaupunkt air conditioners continuously adjust their cooling or heating capacity to maintain the set room temperature with a minimum energy consumption. Using the 3D DC inverter technology, Blaupunkt devices **consume 50% energy less** than conventional equipment.

### Low noise operation

With their **brushless motors of DC type**, Blaupunkt air conditioners operate quietly and without switching on and off. After achieving the comfort temperature the device activates the noiseless operation mode to minimize the fan speed and compressor rotation.

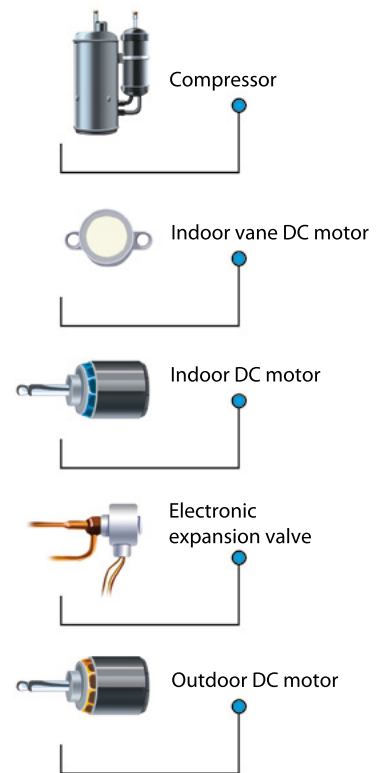
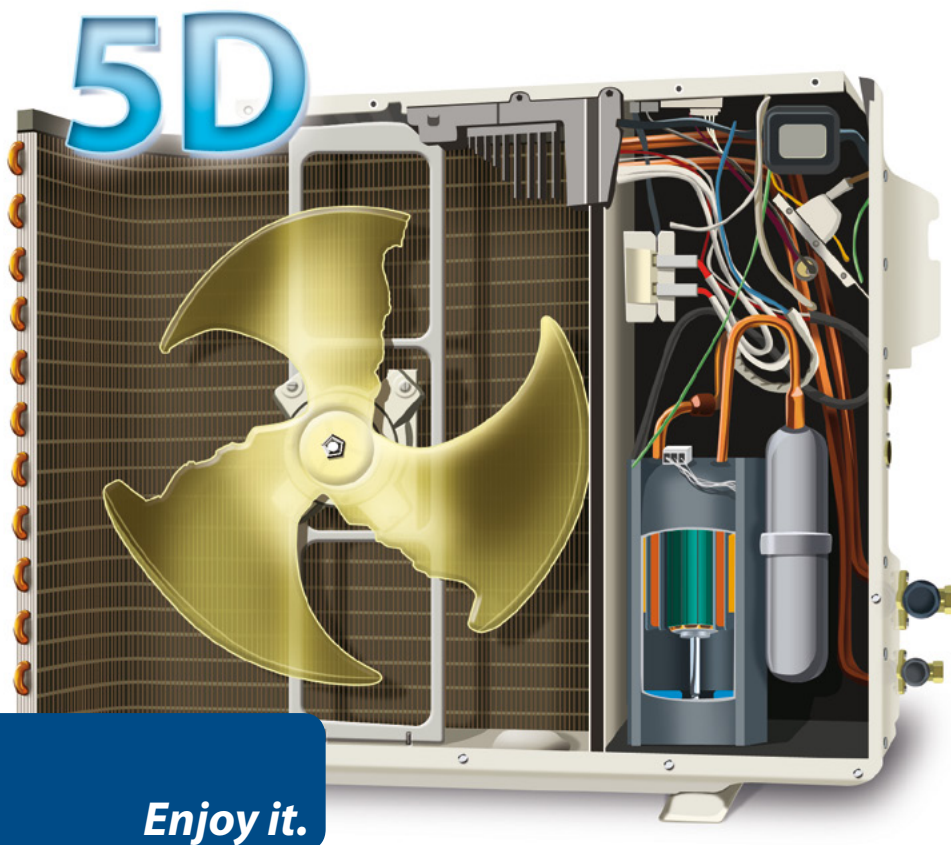


### Comfort

Blaupunkt air conditioners implement the 3D DC Inverter Technology to maximize their cooling and heating capacity. Hence the set temperature is reached quickly and maintained without any variations or breaks. This way, **the highest level of comfort** is guaranteed.



# Full 5D DC Inverter Technology



## Extremely low noise operation

Blaupunkt air conditioners **reduce operation noise** to a minimum by implementing full 5D components and innovative fan blades. Mechanical sounds are hardly audible.

## Fast cooling and heating

Blaupunkt air conditioners equipped with 5D DC inverters are **extremely strong** so that they can cool down or heat up the room in a relatively short time.



## Highly efficient at freezing temperatures

Blaupunkt 5D DC inverter air conditioners implement **permanent-magnet** compressor motors to deliver solid heating performance even in freezing conditions.



## Advance Active PFC Technology

Due to the active PFC technology, Blaupunkt 5D inverter air conditioners effectively use electrical power. The power factor has improved from 90% to **99.5%**.

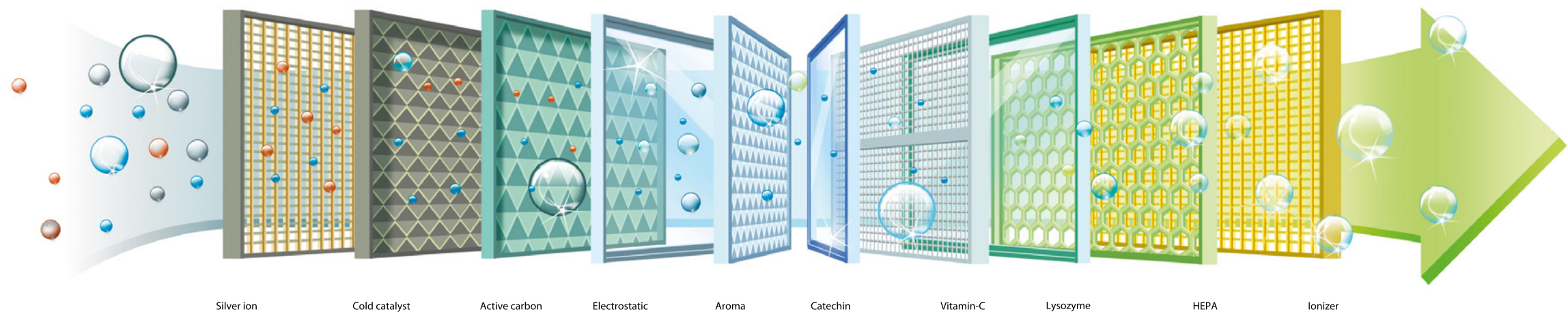


## New modern fan design




The aerodynamic fan has been designed by means of **creativity engineering**. The streamlined fan blades let in a larger airflow with minimal air resistance.






# Indoor Air Quality (IAQ)

**Modern air conditioners** are supposed not only to maintain comfortable temperature, but also to improve indoor air quality (IAQ). Indoor air is 2 to 5 times more polluted than outdoor air. The health and safety of building occupants is endangered above all by carbon monoxide, organic compounds, bacteria, mould, fungi and other tiny particulates. The use of high-tech ventilation to remove contaminants is the most successful method for improving indoor air quality. **Sophisticated filters used by state-of-the-art** air conditioners trap pollutants and manage air humidity. This way, health risks connected to poor indoor air quality can be quickly and effectively eliminated.



Enjoy it.

	<b>Electrostatic filter</b> The electrostatic filter (ESP) is an efficient collection device to remove dust and smoke from air by using the force of electrostatic charge. Electrostatic filters apply energy directly to the particles collected. As a result, the ESP does not impede the flow of air and is extremely energy-saving.
	<b>Aroma filter</b> Aroma filters are used to create an optimal interior environment by removing offensive odours from air-conditioned rooms. Refreshing atmosphere and natural breeze are achieved by adding fresh and pleasant fragrances to aroma filters. This has a calming effect on users and reduces their fatigue.
	<b>Vitamin C filter</b> Vitamin C filters release the antioxidant vitamin C into air to moisture the skin and to ease the mental stress of people in the air-conditioned space. This is essential in dry conditions such as in winter. Vitamin C filters provide therapeutic benefits by suppressing active oxygen radicals.
	<b>Ionizer filter</b> Ionizer filters use the most advanced air-cleaning technology. The ionizer emits positive and negative ions to disinfect air. This method of filtration kills 90% of bacteria and removes odours, dust and allergens. Emitted oxygen ions improve air nutrition and create healthy environment.
	<b>HEPA filter</b> (high-efficiency particulate absorption) The HEPA filter removes 99.97% of all particles (pollutants, dust, pollen, bacteria) with a size of 0.3 micrometres or larger from the air passing through it. By preventing the spread of airborne viral organisms and allergens, HEPA filters are critical in fighting off infections and allergies.

	<b>Cold catalyst filter</b> (photocatalytic filter) The cold catalyst filter carries out four particular functions: air purification, sterilization, deodorization and pollution prevention. By degrading 99.99% of all contaminants, photocatalyst filters destroy hazardous organic substances, kill harmful bacteria, prevent greasy dirt and stop rust.
	<b>Silver ion filter</b> Antimicrobial silver ion technology is considered a perfect sterilizing method. Silver ion filters are designed to destroy the inner configuration of airborne bacteria, viruses and fungi. Suppressing the growth of microbes, ion filters purify large amounts of air, creating cleaner environment.
	<b>Lysozyme filter screen</b> Lysozyme filter screens consist of three material layers: flat reticular base, wavy lysozyme filter and flat reticular fabric filter. It is a simple but effective structure to eliminate bacteria and germs with a sterilization rate of 99.9%. Lysozyme filter screens do not need any regeneration.
	<b>Active carbon filter</b> Corrosion-resistant active carbon filters stand out for their extremely strong physical and chemical absorption. They eliminate volatile substances responsible for unpleasant odours and deactivate harmful chemical gases. Carbon filters trap dust, smoke and pet fur to prevent allergic reactions.
	<b>Catechin filter</b> Catechin is a natural green tea agent used in filters for its antiviral and antibacterial qualities. The catechin filter controls the proliferation of bacteria and eliminates toxic mould and harmful pollutants. Catechin filters retain their excellent deodorizing qualities up to 10 years.

# Icons GUIDE







## for More Comfort, Health and Environment

### Comfort







	<b>Timer Mode</b> 24/12h time format on/off function
	<b>Wi-Fi</b> Enables to control the unit with mobile devices such as smartphones, tablets and PCs
	<b>Turbo Operation</b> Rapidly cools or heats all air in the room.
	<b>Three Dimensional Air Delivery</b> Blows the air to every corner of the room
	<b>4-Way Air Flow</b> Blows the air in four dimensions to provide a stable and comfortable environment
	<b>Hidden LED Display</b> Innovatively designed hidden LED display
	<b>I Feel</b> Adjust the air supply temperature to ensure maximum comfort
	<b>Lock</b> Locks the indoor unit
	<b>LCD Display</b> User-friendly LCD display
	<b>4 in 1</b> Cooling, heating, ventilation and dehumidification
	<b>3 in 1</b> Cooling, ventilation and dehumidification
	<b>3 in 1 (bis)</b> Cooling, heating and dehumidification
	<b>Easy Cleaning Panel</b> The panel can be easily detached for cleaning
	<b>Auto Protection</b> Diagnosed errors showed on the LED/LCD display
	<b>Auto Restart</b> Recovers the last settings after accidental power cut
	<b>Washable Filter</b> After washing the filter does not lose its performance
	<b>Smart Running</b> Chooses automatically whether to operate in the fan or heating mode



# Energy-saving

	<b>R410a Green Refrigerant</b> Protects the ozone layer, environment-friendly
	<b>Twin Rotary DC Inverter Compressor</b> Twin rotary DC inverter compressor reduces noise and increases the efficiency of the indoor unit
	<b>Multi-bend Evaporator</b> Multi-bend evaporator saves energy by improving unit efficiency
	<b>Full Process by DC Drive</b> Provides high efficiency and energy savings with DC
	<b>Gold Fin</b> Gold, anti-corrosion and super hydrophilic coating
	<b>Valve Protection Cover</b> Prevents condensed water from dripping on the valve

# Health

	<b>Quiet Operation</b> Quiet operation due to the modern design of the indoor and outdoor unit
	<b>Anti-cold Air</b> Prevents cold blasting by controlling fan speed
	<b>Independent Dehumidification</b> Comfortable humidity even in wet days.
	<b>Extra-low Noise</b> Reduces noise below 30dB(A)
	<b>Sleep Mode</b> Adjusts the set temperature to a level comfortable for sleeping
	<b>Auto Defrost</b> Protects the air-conditioned space from overcooling

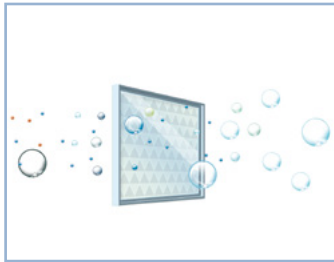


**Enjoy it.**

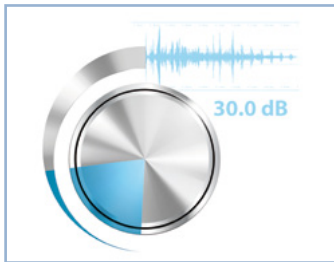
# Wall-mounted



1.



2.



3.



4.

## Wall-mounted air conditioners

Blaupunkt wall-mounted air conditioners are generally regarded as highly efficient and cost-effective. The devices deliver optimal cooling, heating and ventilation performance. They are equipped with all state-of-the-art features such as variety of filters, sleep mode, auto start, child protection and self-diagnosis. The wall-mounted air conditioners successfully combine advanced technology, attractive design and comfortable functionality.



### 1. Three dimensional air flow

The air conditioner blows air in three directions to provide an optimal air distribution within the room and natural circulation.

### 2. Silver ion filter

Silver ion filters are designed to eliminate bacteria, viruses and fungi from the air-conditioned room. Silver ion technology is considered as one of the most effective sterilizing methods.

### 3. Ultra-low noise

Blaupunkt air conditioners with their brushless motors, innovative compressors and wing-shaped fan blades are specifically designed for low noise operation.

### 4. iFeel

The iFeel function automatically adjusts the room temperature to ensure comfort. To activate this function simply press iFeel button. The remote control sends temperature readings to the wall-mounted unit every few minutes.

**Enjoy it.**

# Residential Air Conditioner Series LPB



## Technical specification

Model no.			BAC-WM-I1215-A16k	BAC-WM-I1518-A16k
<b>Performance</b>				
Cooling capacity	Min./Rated/Max.	kW	0.3/2.6/3.5	0.6/3.5/4.2
Heating capacity	Min./Rated/Max.	kW	0.5/2.6/4.5	0.6/3.5/5.4
SEER/SCOP		W/W	7.28/4.1	6.83/4.1
EU energy class			A++/A+	A++/A+
Dry air flow	Indoor	m³/h	600	650
	Outdoor	m³/h	1900	2100
Min. sound pressure level	Indoor	dBA	27	28
	Outdoor	dBA	50	52
Max. sound power level	Indoor	dBA	50	52
	Outdoor	dBA	60	62
Moisture removal		l/h	0.8	1
Thermostat range (indoor)	Cooling	°C	16~32	16~32
	Heating	°C	16~32	16~32
Operation range (outdoor)	Cooling	°C	0~48	0~48
	Heating	°C	-15~43	-15~43
<b>Electrical ratings</b>				
Inverter type			5D	5D
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1
Power input	Cooling	W	730	1000
	Heating	W	700	960
Operating current	C/H	A	3.3/3.2	4.5/4.4
Annual energy consumption	Cooling	kWh	116	179
	Heating	kWh	888	1194
Stand-by power		W	0.7	0.7
<b>Dimensions</b>				
Net dimensions (WxHxD)	Indoor	mm	908x315x160	908x315x160
	Outdoor	mm	700x551x256	760x551x256
Shipping dimensions (WxHxD)	Indoor	mm	1005x416x256	1005x416x256
	Outdoor	mm	803x598x380	863x598x380
Net/Gross weight	Indoor	kg	10/12	10/12
	Outdoor	kg	28/30	32/35
<b>Connections</b>				
Piping size	Liquid	inch	1/4	1/4
	Gas	inch	3/8	3/8
Max. piping length		m	15	15
Max. elevation difference		m	5	5
<b>Others</b>				
Application area (illustrative only)		m²	10~20	15~25
Stuffing quantity	Euro pallet	units	4	4



# Residential Air Conditioner Series

## PuntoAzul



### Technical specification

Model no.			BAC-WM-I1110-A12H	BAC-WM-I1414-A12H	BAC-WM-I12022-A12H
<b>Performance</b>					
Cooling capacity	Min./Rated/Max.	kW	1.6/2.6/3.3	1.6/3.5/4.0	1.8/5.0/5.8
Heating capacity	Min./Rated/Max.	kW	1.6/2.6/3.0	1.6/3.5/4.1	1.7/4.8/6.5
SEER/SCOP		W/W	6.4/4.0	6.1/4.0	6.1/4.0
EU energy class			A++/A+	A++/A+	A++/A+
Dry air flow	Indoor	m³/h	600	600	850
	Outdoor	m³/h	1800	1800	2550
Min. sound pressure level	Indoor	dBA	39	39	46
	Outdoor	dBA	54	55	56
Max. sound power level	Indoor	dBA	54	54	60
	Outdoor	dBA	64	64	65
Moisture removal		l/h	0.9	1.5	2
Thermostat range (indoor)	Cooling	°C	18~32	18~32	18~32
	Heating	°C	18~32	18~32	18~32
Operation range (outdoor)	Cooling	°C	18~43	18~43	18~43
	Heating	°C	-15~32	-15~32	-15~32
<b>Electrical ratings</b>					
Inverter type			3D	3D	3D
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1	220~240/50/1
Power input	Cooling	W	720	1055	1515
	Heating	W	700	1050	1405
Operating current	C/H	A	3.4/3.3	4.7/4.7	6.8/6.3
Annual energy consumption	Cooling	kWh	142	201	287
	Heating	kWh	910	1225	1680
Stand-by power		W	1.7	1.7	1.5
<b>Dimensions</b>					
Net dimensions (WxHxD)	Indoor	mm	820X270X210	820X270X210	920x313x226
	Outdoor	mm	715x482x240	715x482x240	830x629x285
Shipping dimensions (WxHxD)	Indoor	mm	910X380X285	910X380X285	1010x380x300
	Outdoor	mm	830x530x315	830x530x315	980x665x385
Net/Gross weight	Indoor	kg	8/10	8/10	11/14
	Outdoor	kg	28/30	29/31	39/43
<b>Connections</b>					
Piping size	Liquid	inch	1/4	1/4	1/4
	Gas	inch	3/8	3/8	1/2
Max. piping length		m	15	15	15
		m	5	5	5
<b>Others</b>					
Application area (illustrative only)		m²	10~20	15~25	25~40
Stuffing quantity	Euro pallet	units	4	4	3

# Residential Air Conditioner Series

## Nitro Inverter



### Technical specification

Model no.			BAC-WM-I1112-A01G	BAC-WM-I1414-A01G	BAC-WM-I1920-A01G
<b>Performance</b>					
Cooling capacity	Min./Rated/Max.	kW	1.3/2.5/3.3	1.8/3.5/4.0	1.9/5.1/5.5
Heating capacity	Min./Rated/Max.	kW	1.4/2.5/3.4	1.8/3.5/4.2	2.0/5.1/5.7
SEER/SCOP		W/W	6.1/3.8	6.1/3.8	5.6/3.8
EU energy class			A++/A	A++/A	A+/A
Dry Air Flow	Indoor	m³/h	500	550	850
	Outdoor	m³/h	2000	2000	2400
Min. sound pressure level	Indoor	dBA	30	30	42
	Outdoor	dBA	52	53	55
Max. sound power level	Indoor	dBA	48	50	56
	Outdoor	dBA	63	63	65
Moisture removal		l/h	1.0	1.3	1.9
Thermostat range (indoor)	Cooling	°C	16~32	16~32	16~32
	Heating	°C	16~32	16~32	16~32
Operation range (outdoor)	Cooling	°C	13~46	13~46	13~46
	Heating	°C	-10~24	-10~24	-10~24
<b>Electrical ratings</b>					
Inverter type			3D	3D	3D
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1	220~240/50/1
Power input	Cooling	W	800	1040	1580
	Heating	W	820	980	1440
Operating current	C/H	A	3.8/3.9	4.7/4.5	7.2/6.6
Annual energy consumption	Cooling	kWh	143	201	293
	Heating	kWh	921	1289	1879
Stand-by power		W	0.5	0.5	0.5
<b>Dimensions</b>					
Net dimensions (WxHxD)	Indoor	mm	800x280x190	800x280x190	900x292x215
	Outdoor	mm	715x540x235	812x540x256	850x605x295
Shipping dimensions (WxHxD)	Indoor	mm	865x358x275	865x358x275	983x377x300
	Outdoor	mm	851x600x335	920x595x335	995x690x415
Net/Gross weight	Indoor	kg	10/12	10/12	14/17
	Outdoor	kg	30/32	34/38	45/51
<b>Connections</b>					
Piping size	Liquid	inch	1/4	1/4	1/4
	Gas	inch	3/8	3/8	1/2
Max. piping length		m	15	15	15
Max. elevation difference		m	5	5	5
<b>Others</b>					
Application area (illustrative only)		m²	10~20	15~25	35~55
Stuffing quantity	Euro pallet	units	4	4	3

# Residential Air Conditioner Series

## TurboVENTER



### Technical specification

Model no.			BAC-WM-I1009-A05T	BAC-WM-I1311-A05T	BAC-WM-I1717-A05T	BAC-WM-I2423-A05T
<b>Performance</b>						
Cooling capacity	Min./Rated/Max.	kW	1.3/2.6/3.2	1.4/3.5/4.2	1.9/5.1/5.9	2.1/6.4/7.0
Heating capacity	Min./Rated/Max.	kW	1.0/2.7/3.4	0.9/3.6/4.5	1.3/5.3/6.2	1.6/7.3/8.6
SEER/SCOP		W/W	5.6/3.8	5.6/3.8	6.1/3.8	5.9/3.8
EU energy class			A+/A	A+/A	A++/A	A+/A
Dry air flow	Indoor	m³/h	650	650	750	1100
	Outdoor	m³/h	1800	1800	2200	2700
Min. sound pressure level	Indoor	dBA	31	31	32	40
	Outdoor	dBA	56	56	59	60
Max. sound power level	Indoor	dBA	55	56	56	63
	Outdoor	dBA	63	63	65	67
Moisture removal		l/h	1.0	1.2	1.8	2.3
Thermostat range (indoor)	Cooling	°C	17~32	17~32	17~32	17~32
	Heating	°C	0~30	0~30	0~30	0~30
Operation Range (outdoor)	Cooling	°C	-15~50	-15~50	-15~50	-15~50
	Heating	°C	-15~30	-15~30	-15~30	-15~30
<b>Electrical ratings</b>						
Inverter type			2D	2D	3D	2D
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power input	Cooling	W	790	990	1630	2000
	Heating	W	730	970	1450	1950
Operating current	C/H	A	3.4/3.2	4.3/4.3	7.1/6.3	8.7/8.5
Annual energy consumption	Cooling	kWh	116	219	293	380
	Heating	kWh	884	958	1768	2026
Stand-by power		W	1.0	1.0	1.0	1.0
<b>Dimensions</b>						
Net dimensions (WxHxD)	Indoor	mm	800x275x188	800x275x188	940x275x205	1045x315x235
	Outdoor	mm	780x540x250	780x540x250	760x590x285	845x700x320
Shipping dimensions (WxHxD)	Indoor	mm	865x350x265	865x350x265	1015x350x265	1135x395x315
	Outdoor	mm	910x585x335	910x585x335	887x645x355	965x755x395
Net/Gross weight	Indoor	kg	7/9	7/9	9/12	12/15
	Outdoor	kg	28/30	27/29	34/37	47/50
<b>Connections</b>						
Piping size	Liquid	inch	1/4	1/4	1/4	3/8
	Gas	inch	3/8	3/8	1/2	5/8
Max. piping length		m	25	25	30	30
Max. elevation difference		m	10	10	20	20
<b>Others</b>						
Application area (illustrative only)		m²	10~15	15~25	25~40	35~55
Stuffing quantity	Euro pallet	units	4	4	3	3



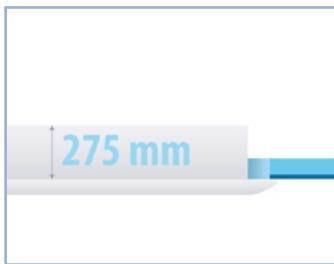
# Cassette Volta

## Ceiling cassette air conditioners

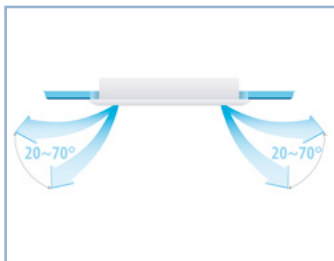
Technologically advanced and powerful Blaupunkt ceiling cassette air conditioners are perfectly suitable to cool, heat and ventilate residential and business premises. The devices ensure uniform air distribution and the highest level of comfort while working efficiently and quietly. The ceiling cassette air conditioners are highly valued for their elegant design, user friendliness and innovative solutions. Both sizes are available: compact and standard.



1.



2.



3.



### 1. 4-way air flow

The air conditioner blows the air in four dimensions to provide a stable and comfortable environment. This air pattern makes the device ideal for rooms with high ceilings.

### 2. Ultra-thin

There is no need to cave or gutter the ceiling for mounting the ultra-thin indoor unit. Moreover, due to its slim and compact casing, the air conditioner achieves optimal air distribution.

### 3. Intelligent auto swing function

The intelligent auto swing function enables to align airflow both vertically and horizontally. The correct adjustment of an air stream is vital for your wellbeing.

**Enjoy it.**

# Residential Air Conditioners Series Volta Compact



## Technical specification

Model no.			BAC-CA-I1416-A01C	BAC-CA-I1820-A01C
Performance				
Cooling capacity		kW	3.7	5.3
Heating capacity		kW	3.7	5.3
SEER/SCOP		W/W	5.6/3.8	5.6/3.8
EU energy class			A+/A	A+/A
Dry air flow	Indoor	m³/h	1000	1000
	Outdoor	m³/h	4000	4000
Max. sound power level	Cooling	dBA	45	45
	Heating	dBA	58	58
Thermostat range (indoor)	Cooling	°C	16~32	16~32
	Heating	°C	16~32	16~32
Operation range (outdoor)	Cooling	°C	-5~50	-5~50
	Heating	°C	-15~30	-15~30
Electrical ratings				
Inverter type			2D	2D
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1
Power input (indoor)	Cooling	W	50	50
	Heating	W	50	50
Power input (outdoor)	Cooling	W	2500	2500
	Heating	W	2200	2200
Operating current (indoor)	C/H	A	0.3/0.3	0.3/0.3
Operating current (outdoor)	C/H	A	9.0/10.0	9.0/10.0
Annual energy consumption	Cooling	kWh	291	291
	Heating	kWh	1803	1803
Stand-by power		W	0.5	0.5
Dimensions				
Net dimensions (indoor)	Body	mm	580x275x580	580x275x580
	Panel	mm	650x30x650	650x30x650
Net dimensions (outdoor)	Unit	mm	866x535x304	866x535x304
Shipping dimensions (indoor)	Body	mm	745x375x675	745x375x675
	Panel	mm	750x95x750	750x95x750
Shipping dimensions (outdoor)	Unit	mm	920x585x335	920x585x335
Net/Gross weight (indoor)	Body	kg	25/27	25/27
	Panel	kg	3/4	3/4
Net/Gross weight (outdoor)	Unit	kg	41/43	41/43
Connections				
Piping size	Liquid	inch	3/8	3/8
	Gas	inch	5/8	3/4
Max. piping length		m	20	20
Max. elevation difference		m	10	10
Others				
Application area (illustrative only)		m²	15~25	20~35
Stuffing quantity	Euro pallet	units	2	2

# Light Commercial AC Series Volta Standard



## Technical specification

Model no.			BAC-CA-I2426-A01S	BAC-CA-I3639-A01S
<b>Performance</b>				
Cooling capacity		kW	7.0	10.5
Heating capacity		kW	7.0	10.5
SEER/SCOP		W/W	5.6/3.8	5.6/3.8
EU energy class			A+/A	A+/A
Dry air flow	Indoor	m³/h	1300	2200
	Outdoor	m³/h	5000	7000
Max. sound power level	Cooling	dBA	52	56
	Heating	dBA	60	62
Thermostat range (indoor)	Cooling	°C	16~32	16~32
	Heating	°C	16~32	16~32
Operation range (outdoor)	Cooling	°C	-5~50	-5~50
	Heating	°C	-15~30	-15~30
<b>Electrical ratings</b>				
Inverter type			2D	2D
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1
Power input (indoor)	Cooling	W	70	100
	Heating	W	70	100
Power input (outdoor)	Cooling	W	3000	4000
	Heating	W	2600	3400
Operating current (indoor)	C/H	A	0.4/0.4	0.5/0.5
Operating current (outdoor)	C/H	A	12.0/11.5	17.6/15.0
Annual energy consumption	Cooling	kWh	417	649
	Heating	kWh	2473	3841
Stand-by power		W	0.5	0.5
<b>Dimensions</b>				
Net dimensions (indoor)	Body	mm	840x230x840	840x285x840
	Panel	mm	950x50x950	950x50x950
Net dimensions (outdoor)	Unit	mm	930x700x370	1070x995x400
Shipping dimensions (indoor)	Body	mm	920x265x920	920x310x920
	Panel	mm	1030x105x1030	1030x105x1030
Shipping dimensions (outdoor)	Unit	mm	990x770x410	1070x995x400
Net/Gross weight (indoor)	Body	kg	24/29	28/33
	Panel	kg	5/8	5/8
Net/Gross weight (outdoor)	Unit	kg	52/56	92/100
<b>Connections</b>				
Piping size	Liquid	inch	3/8	3/8
	Gas	inch	5/8	3/4
Max. piping length		m	20	20
Max. elevation difference		m	10	10
<b>Others</b>				
Application area (illustrative only)		m²	28~50	40~70
Stuffing quantity	Euro pallet	units	0(2*)	0(2*)

\*non euro pallet



# multiBT

## multiBT

Modular Blaupunkt multi-split systems are perfect for projects where limited space for outdoor or indoor units poses a problem. While operating, multiBT air conditioners achieve remarkable energy-efficiency ratings by saving up to 40% more energy than conventional equipment. Multi-split systems offer a wide range of features to create individually designed and controlled comfort zones.



1.



2.



3.



### 1. Combinations

Blaupunkt multi-split systems are designed to combine several air conditioners of various types and sizes into one installation to achieve the highest level of flexibility and performance.

### 2. Multi efficiency

Multi-configuration settings of indoor and outdoor units enable to better control their capacity. Moreover, these settings increase the performance of multiBT air conditioners up to 140% of the conventional ones.

### 3. Multi & Mono

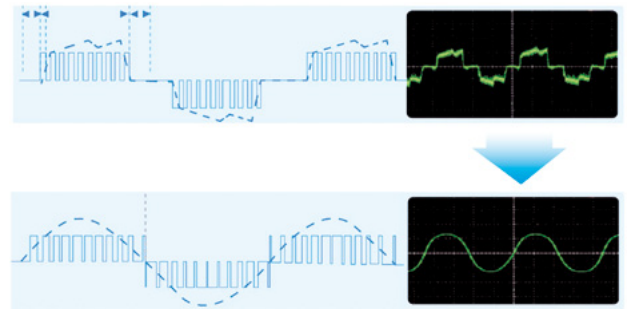
Wall-mounted air conditioners of the Blaupunkt new technology are capable of working in two different systems: mono & multi. Both product installation and usage are very simple.

**Enjoy it.**

# Technology for multiBT

## Energy saving

Sine-wave DC inverter technology makes the compressor run more smoothly. Motor-driven energy loss is considerably reduced. Consequently, motor efficiency rises by 12%.

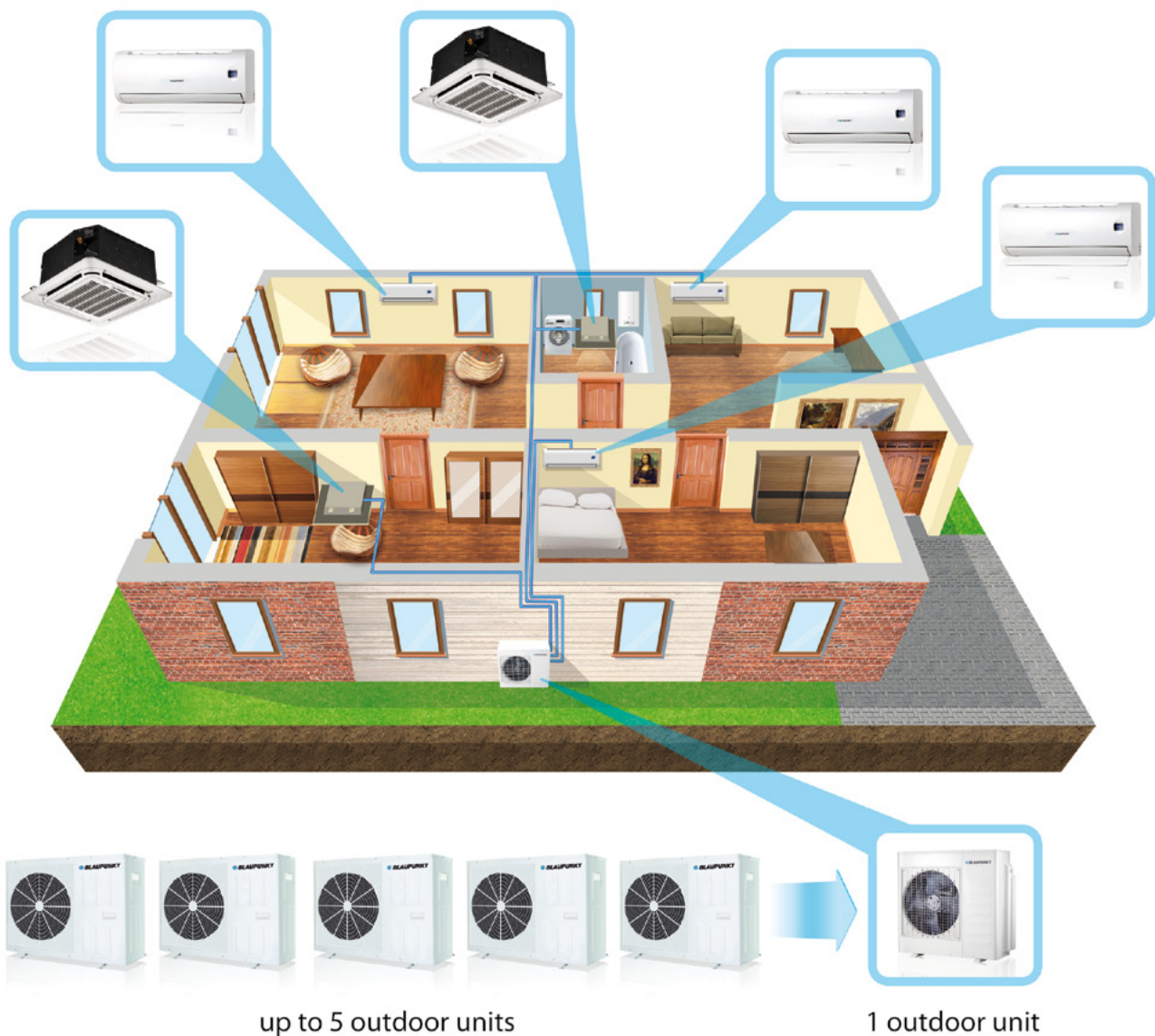


## Space saving

Using Blaupunkt multi-split systems, designers and installers are able to create really space-saving arrangements of air conditioners regardless of how complicated the project is. In terms of their size and type, indoor units can be perfectly adapted to available spaces and then linked into one powerful air conditioning installation.

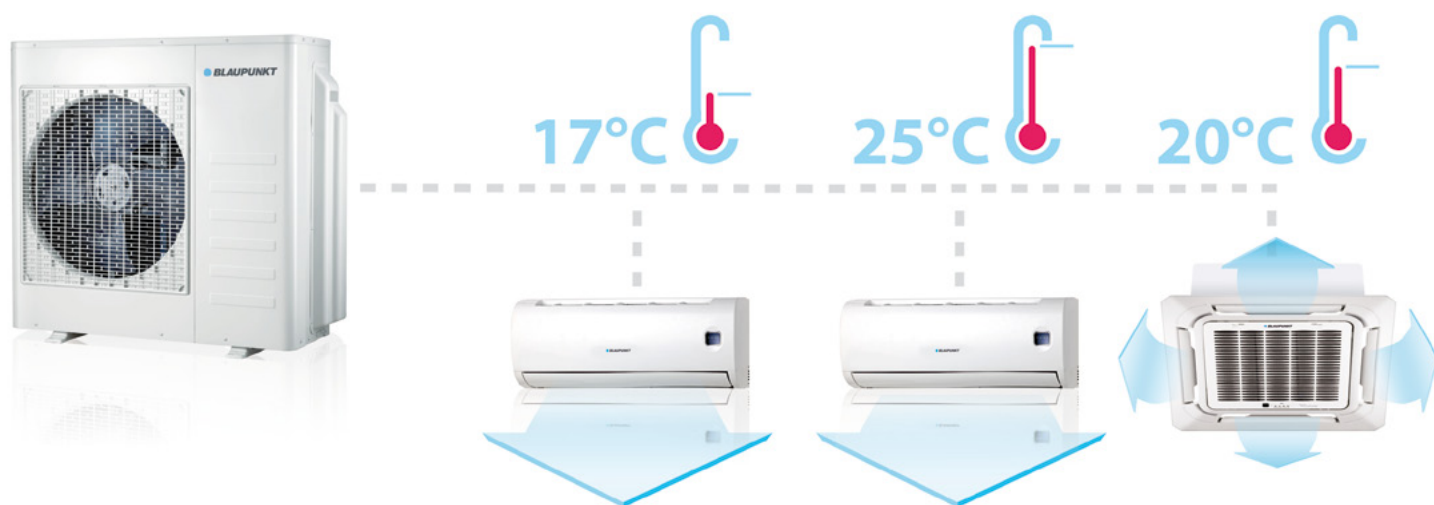
## Flexibility

With their compact and robust casing, multiBT outdoor units require little space and can be easily installed at any convenient place. Being modular, multi-split systems are suitable for both new developments and renovation projects.



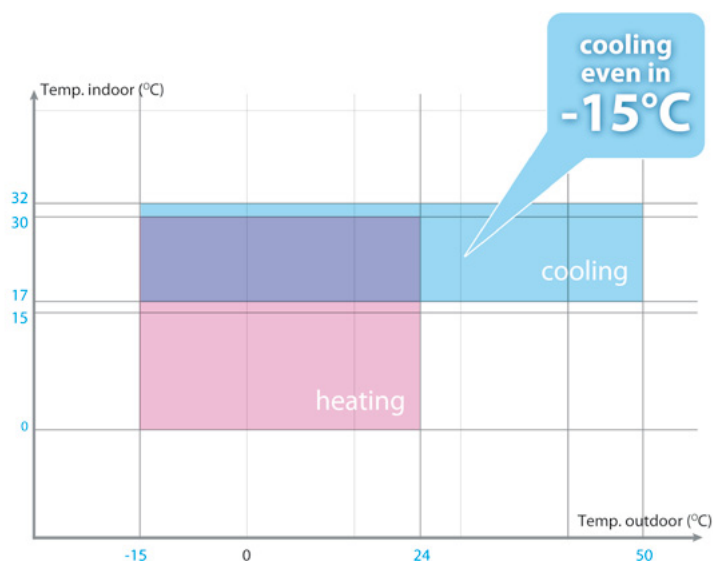
## More comfort

Fast cooling and heating, low temperature fluctuations and quiet operation are only some of the features that make Blaupunkt multiBT air conditioners comfortable and user-friendly. The temperature can be controlled in every room separately and a wide range of cooling and heating options are available to optimize user comfort.

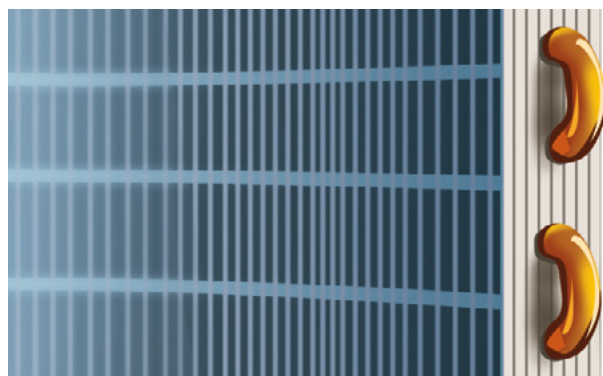


## Wide outdoor operating range

Equipped with a high capacity compressor and powerful heat exchanger, Blaupunkt multi-split air conditioners remain fully operable at much higher or lower temperatures than standard devices.



*Enjoy it.*



## Hydrophilic aluminium fin

The hydrophilic aluminium fin used by multi-split system evaporators and condensers improves the cooling efficiency of indoor units and facilitates the defrosting process in outdoor units. This happens because the hydrophilic aluminium fin reduces energy losses and maximizes performance by accelerating the flow of condensation between the heat exchange fins.



# multiBT U2 outdoor



## Technical specification

Model no.			BAC-U2-I14R-05B	BAC-U2-I18R-05B	BAC-U2-I21R-05C	BAC-U2-I27R-05C	BAC-U2-I28R-05D	BAC-U2-I36R-05D	BAC-U2-I36R-05E
<b>Performance</b>									
Max. connected indoor unit		Units	2	2	3	3	4	4	5
Capacity	Cooling	kW	4.1	5.3	6.4	8.4	8.2	10.5	10.5
	Heating	kW	4.4	6.1	6.0	9.4	8.2	11.0	10.5
SEER/SCOP		W/W	5.6/3.8	5.2/4.1	6.1/3.8	5.7/4	6.2/3.8	5.1/3.8	5.7/3.8
EU energy class			A+/A	A/A+	A++/A	A+/A+	A++/A	A/A	A/A
Dry air flow		m³/h	2500	2500	2700	3500	3600	5500	5500
Max. sound power level		dBA	63	63	64	67	70	67	68
Operation Range	Cooling	°C	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating	°C	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
<b>Electrical ratings</b>									
Inverter type			3D	3D	3D	3D	3D	3D	3D
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	220~240/50/1	220~240/50/1
Max. power input		W	2400	3200	3300	3600	3700	4800	4900
Max. operating current		A	11	14.5	15	16.5	17	21.5	22
Annual energy consumption	Cooling	kWh	-	-	-	-	-	-	-
	Heating	kWh	-	-	-	-	-	-	-
<b>Dimensions</b>									
Net dimensions	Unit	mm	845x700x320	845x700x320	845x700x320	900x860x315	900x860x315	990x3965x345	990x3965x345
Shipping dimensions	Unit	mm	965x755x395	965x755x395	965x755x395	1043x915x395	1043x915x395	1120x1100x435	1120x1100x435
Net/Gross weight	Unit	kg	44/47	48/52	50/54	62/67	65/69	78/88	80/91
<b>Connections</b>									
Piping size	Liquid	inch	1/4	1/4	1/4	1/4	1/4	1/4	1/4
	Gas	inch	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Max. piping length		m	30	30	45	45	60	60	75
Max. elevation difference		m	15	15	15	15	15	15	15
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Volume	kg	1.55	1.9	2.1	2.4	2.4	2.7	3.0
Max. operating pressure		MPa	4.2	4.2	4.2	4.2	4.2	4.2	4.2
<b>Others</b>									
Stuffing quantity	Euro pallet	units	4	4	4	4	4	1(2*)	1(2*)

\*non euro pallet



# multiBT WM indoor

## Technical specification

Model no.			BAC-WM-I0807-B05M	BAC-WM-I1009-B05M	BAC-WM-I1312-B05M	BAC-WM-I1818-B05M
<b>Performance</b>						
Cooling capacity	C/H	kW	2.1/2.3	2.6/2.9	3.5/3.8	5.0/5.1
Dry air flow		m³/h	400	500	500	850
Min. sound pressure level		dBA	37	40	40	41
Max. sound power level		dBA	53	54	54	56
Moisture Removal	l/h		1.0	1.2	1.8	2.3
Thermostat range (indoor)	Cooling	°C	17~32	17~32	17~32	17~32
	Heating	°C	0~30	0~30	0~30	0~30
<b>Electrical ratings</b>						
Inverter type			3D	2D	2D	3D
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power input	C/H	W	24/24	45/45	45/45	34/34
Operating current	C/H	A	0.11/0.11	0.2/0.2	0.2/0.2	0.14/0.14
Stand-by power		W	2	2	2	2
<b>Dimensions</b>						
Net dimensions		mm	710x250x190	790x265x198	790x265x198	920x292x223
Shipping dimensions		mm	770x318x265	875x335x265	875x335x265	1015x368x295
Net/Gross weight		kg	7/9	8/10	8/10	11/13
<b>Connections</b>						
Piping size	Liquid	inch	1/4	1/4	1/4	1/4
	Gas	inch	3/8	3/8	3/8	1/2
<b>Others</b>						
Application area (illustrative only)		m²	10~18	13~26	17~30	30~50
Stuffing quantity	Euro pallet	units	6	6	6	6

# multiBT CAC indoor

## Technical specification

Model no.			BAC-CC-I0807-B05M	BAC-CC-I1909-B05M	BAC-CC-I1312-B05M	BAC-CC-I1818-B05M
<b>Performance</b>						
Cooling capacity	C/H	kW	2.1/2.3	2.6/2.9	3.5/3.8	5.3/5.3
Dry air flow		m³/h	580	580	720	800
Max. sound power level		dBA	54	53	54	54
Thermostat range (indoor)	Cooling	°C	17~32	17~32	17~32	17~32
	Heating	°C	0~30	0~30	0~30	0~30
<b>Electrical ratings</b>						
Inverter type			3D	3D	3D	3D
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1
Power input indoor	C/H	W	40/40	40/40	40/40	102/102
Operating current	C/H	A	0.18/0.18	0.18/0.18	0.18/0.18	0.18/0.18
Stand-by power		W	2	2	2	2
<b>Dimensions</b>						
Net dimensions	Body/Panel	mm	570x260x570/ 647x50x647	570x260x570/ 647x50x647	570x260x570/ 647x50x647	570x260x570/ 647x50x647
Shipping dimensions	Body/Panel	mm	655x290x655/ 715x123x715	655x290x655/ 715x123x715	655x290x655/ 715x123x715	655x290x655/ 715x123x715
Net/Gross weight	Body	kg	16/18	16/20	16/19	18/20
	Panel	kg	2/4	2/4	2/4	2/4
<b>Connections</b>						
Piping size	Liquid	inch	1/4	1/4	1/4	1/4
	Gas	inch	3/8	3/8	3/8	1/2
<b>Others</b>						
Application area (illustrative only)		m²	10~18	13~26	17~30	30~50
Stuffing quantity	Euro pallet	units	4	4	4	4

# Ideal miniVRF

## Ideal miniVRF

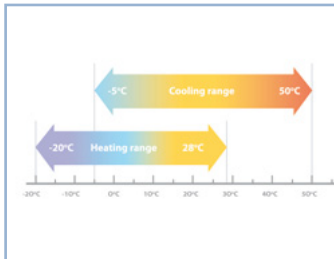
Variable-refrigerant-flow (VRF) is a high-end “premium” technology that has recently revolutionized the HVAC industry. VRF systems allow one outdoor unit to be connected to numerous various indoor units each individually operated. Benefits of this ingenious solution are obvious: low installation cost, flexibility in design and substantial energy savings. VRF systems are remotely controlled and diagnosed with PC-based tools.



1.



2.



3.



### 1. Combinations

VRF air conditioning stands out for its unparalleled flexibility. The system uses only one outdoor unit to support multiple indoor equipment, incl. floor- or wall-mounted, ducted and cassette devices.

### 2. Space-saving installation

Both the outdoor unit and indoor devices of a VRF system can be mounted at various places to effectively use the space available. As a result, it is possible to convert every room into a personalized comfort zone.

### 3. Wide outdoor operating range

Compared to conventional air conditioners, VRF systems have a much wider operating range of both cooling and heating. This makes VRF devices useful not only in normal conditions but also in extremely high or low temperatures.

**Enjoy it.**

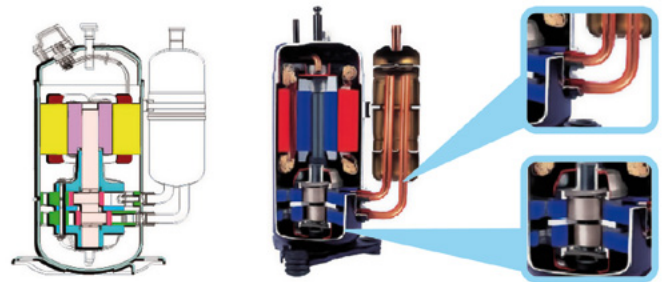
# High efficiency

## Powerful and versatile

Blaupunkt VRF air conditioning systems are designed to connect several indoor units to a single outdoor one equipped with a powerful DC inverter compressor. What is more, the outdoor unit easily copes with various combinations of device types and capacities. This way, the same installation can cool or heat multiple areas of an air-conditioned building.

## High efficiency DC inverter compressor

- High-performance and reliable twin-rotary DC inverter compressor of MITSUBISHI ELECTRIC
- Wide rotation speed range with a rotating speed down to 20RPS
- Robust bearings, rigid shell and premium rollers
- High efficiency in part load condition
- Optimal output and extremely low noise level due to the latest technology
- Environment protection with eco-friendly refrigerant
- Low vibrations due to the 2CYL structure when starting and operating the compressor



## Durability and comfort

All Blaupunkt VRF air conditioners are equipped with twin-rotary DC inverter compressors to drastically dampen vibrations and thus to minimize stress on the motor. This innovative technical solution extends the lifespan of your air conditioners, reduces noise level and enhances user comfort.

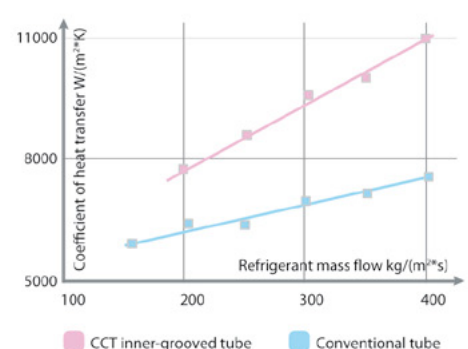
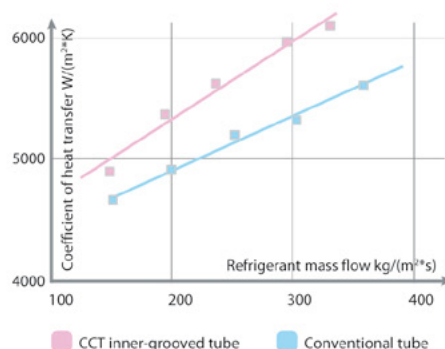
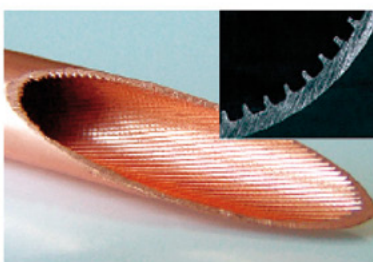


## High efficiency DC motor

- Powerful DC motor
- High efficiency and low noise level due to high-density wire winding
- Brushless with a built-in sensor

## CCT inner-grooved tube

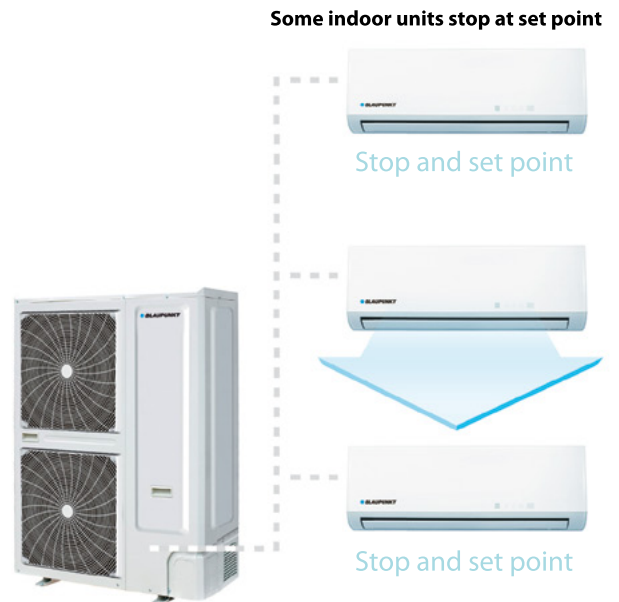
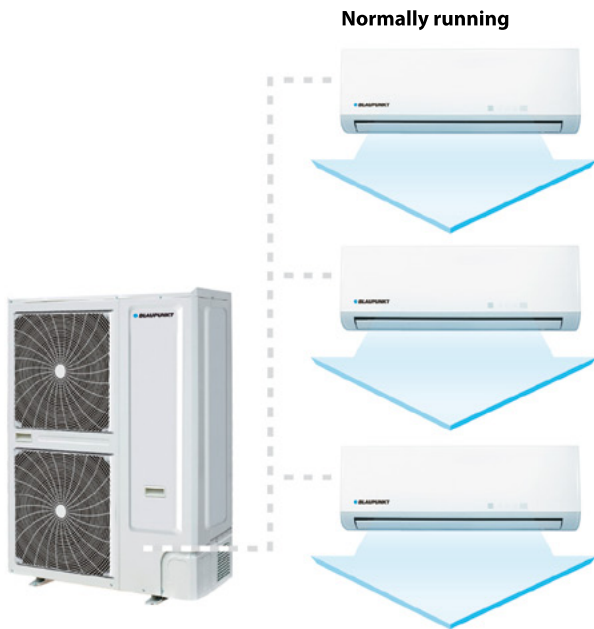
The CCT (Continuous Cooling Transformation) inner-grooved copper tube stands out for its high thermometric conductivity. The inner-grooved fins break the boundary layer of refrigerant flow to increase heat-exchanging efficiency.



# Benefits for users

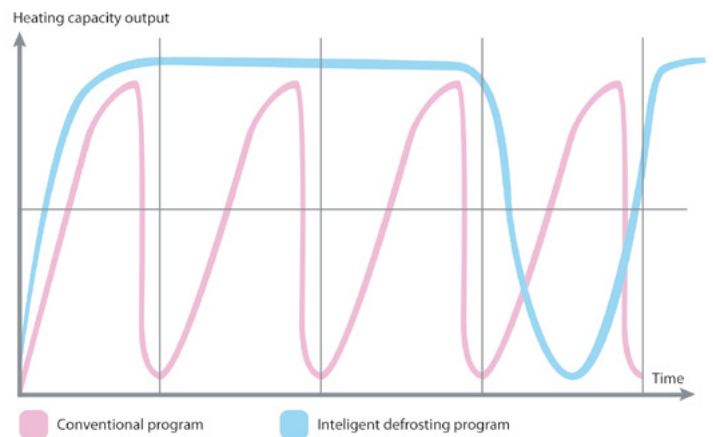
## Fast cooling and heating

Set temperatures are achieved in every room quickly and comfortably due to the optimized refrigerant control



## Intelligent defrosting program

- Intelligent defrosting program starts when unit's heat-exchanging efficiency is reduced by frost.
- Defrosting program starts if needed. By contrast, the defrosting time of conventional air conditioners is fixed. This can result in temperature fluctuations impairing personal comfort and health.
- Defrosting time is adjusted to the actual system requirements to prevent frequent and ineffective defrosting.



## Energy saving

Sine-wave DC inverter technology makes the compressor run more smoothly. Motor-driven energy loss is considerably reduced. Consequently, motor efficiency rises by 12%.

**Enjoy it.**



# Benefits for installers

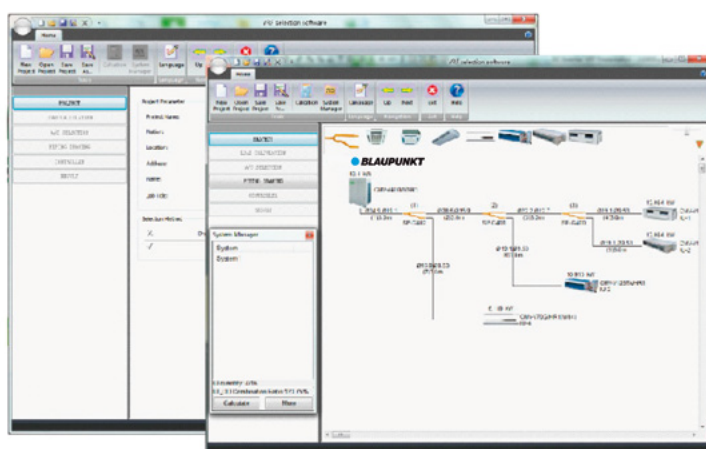
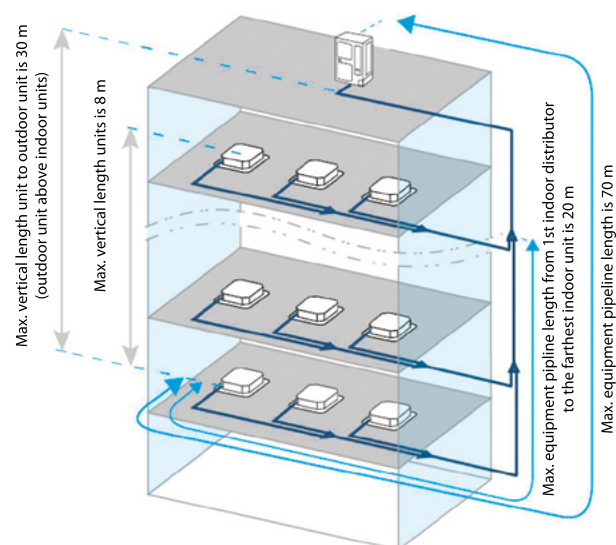


## Doctor kit

- Operating status and error code inquiry
- Operating parameters of compressors, sensors, valves monitored and displayed in real-time
- Commissioning results reported
- Built-in troubleshooting instruction
- Automatic data backup

## Pipe length and height difference

- Total piping length: 100 m
- Length of the longest pipe: 70 m
- Height difference between indoor units: 8 m
- Length from first indoor distributor to last indoor unit: 20 m
- Innovative refrigerant pipeline designed to reduce the piping pressure



## VRF selection software

VRF selection software is a powerful tool to design new air conditioning installations. Based on general data of a planned project, this PC program makes a technical feasibility analysis in the form of clear diagrams. Using details provided by the program, installers can specify system requirements and accordingly choose correct air conditioning equipment.

**Enjoy it.**

# Ideal U1 miniVRF



## Technical specification

Model no.			BAC-U1-I43R-01F	BAC-U1-I48R-01G	BAC-U1-I60R-01H
<b>Performance</b>					
Capacity	Cooling	kW	12.5	14.0	16.0
	Heating	kW	14.0	16.0	18.5
EU energy class			A	A	A
Dry air flow		m³/h	8000	8000	8000
Max. sound power level		dBA	58	58	58
Operation range	Cooling	°C	-5~50	-5~50	-5~50
	Heating	°C	-20~28	-20~28	-20~28
<b>Electrical ratings</b>					
Inverter type			2D	2D	2D
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1	220~240/50/1
Power input	Cooling	W	3380	3960	4570
	Heating	W	3650	4300	5120
Max. power input		W	6300	6300	6300
Max. operating current		A	28	28	28
Annual energy consumption	Cooling	kWh	-	-	-
	Heating	kWh	-	-	-
<b>Dimensions</b>					
Net dimensions	Unit	mm	900x1328x345	900x1328x345	900x1328x345
Shipping dimensions	Unit	mm	964x1445x402	964x1445x402	964x1445x402
Net/Gross weight	Unit	kg	87/98	87/98	99/110
<b>Connections</b>					
Piping size	Liquid	inch	3/8	3/8	3/8
	Gas	inch	5/8	5/8	5/8
Max. piping length		m	30	30	30
Max. elevation difference		m	100	100	100
Refrigerant	Type		R410A	R410A	R410A
	Volume	kg	3.7	4.05	4.7
Max. operating pressure		MPa	3.8	3.8	3.8
<b>Others</b>					
Max. connected indoor unit		units	6	7	8
Stuffing quantity	Euro pallet	units	2	2	2

\*non euro pallet

# Ideal WM miniVRF



## Technical specification

Model no.			BAC-WM-I1412-B01X	BAC-WM-I2119-B01X	BAC-WM-I2724-B01X
<b>Performance</b>					
Capacity	Cooling	kW	3.6	5.6	7.1
	Heating	kW	4.0	6.2	7.8
Dry air flow		m <sup>3</sup> /h	600	1000	1000
Min. sound pressure level		dBA	24	33	37
Max. sound power level		dBA	33	40	44
Thermostat range	Cooling	°C	16~32	16~32	16~32
	Heating	°C	16~32	16~32	16~32
<b>Electrical ratings</b>					
Inverter type			2D	2D	2D
Power supply		V~/Hz/Ph	220~240/50/1	220~240/50/1	220~240/50/1
Power input	Cooling	W	58	60	60
	Heating	W	58	60	60
Operating current	C/H	A	0.26/0.26	0.27/0.27	0.27/0.27
Stand-by power		W	2.0	2.0	2.0
<b>Dimensions</b>					
Net dimensions		mm	900x282x205	1080x304x221	1080x304x221
Shipping dimensions		mm	973x367x290	1135x382x308	1135x382x308
Net/Gross weight		kg	12/14	16/18	16/18
<b>Connections</b>					
Piping size	Liquid	inch	1/4	1/4	3/8
	Gas	inch	1/2	1/2	5/8
<b>Others</b>					
Application area (illustrative only)		m <sup>2</sup>	15~25	22~35	28~50
Stuffing quantity	Euro pallet	units	8	8	8

# Ideal CAS&CAC miniVRF



## Technical specification

Model no.			BAC-CA-I2119-B01S	BAC-CA-I2724-B01S	BAC-CA-I3834-B01S	BAC-CA-I5148-B01S	BAC-CA-I1312-B01C	BAC-CA-I1715-B01C
<b>Performance</b>								
Capacity	Cooling	kW	5.6	7.1	10	14	3.6	4.5
	Heating	kW	6.3	8.0	11	15	4.5	5.0
Dry air flow		m³/h	850	1150	1800	1800	600	750
Max. sound power level		dBA	38	39	41	41	38	39
Thermostat range (indoor)	Cooling	°C	16~32	16~32	16~32	16~32	16~32	16~32
	Heating	°C	16~32	16~32	16~32	16~32	16~32	16~32
<b>Electrical ratings</b>								
Inverter type			2D	2D	2D	2D	2D	2D
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	220~240/50/1
Power input	Cooling	W	65	154	170	170	70	75
	Heating	W	65	154	170	170	70	75
Operating current	C/H	A	0.2/0.2	0.4/0.4	0.7/0.7	0.7/0.7	0.3/0.3	0.4/0.4
Stand-by power		W	2	2	2	2	2	2
<b>Dimensions</b>								
Net dimensions	Body	mm	840x230x893	840x230x893	840x285x893	840x285x893	633x275x580	633x275x580
	Panel	mm	950x50x950	950x50x950	950x50x950	950x50x950	650x30x650	650x30x650
Shipping dimensions	Body	mm	920x310x960	920x375x960	920x375x960	920x375x960	745x375x675	745x375x675
	Panel	mm	1030x105x1030	1030x105x1030	1030x105x1030	1030x105x1030	750x95x750	750x95x750
Net/Gross weight	Body	kg	26/32	28/34	32/38	32/38	26/28	26/28
	Panel	kg	5/8	5/8	5/8	5/8	3/4	3/4
<b>Connections</b>								
Piping size	Liquid	inch	1/4	3/8	3/8	3/8	1/4	1/4
	Gas	inch	1/2	5/8	3/4	3/4	3/8	1/2
<b>Others</b>								
Application area (illustrative only)		m²	22~35	28~50	40~70	56~95	15~25	18~30
Stuffing quantity	Euro pallet	units	2	2	2	2	2(4*)	2(4*)

\*non euro pallet



# Portable

## Portable air conditioners

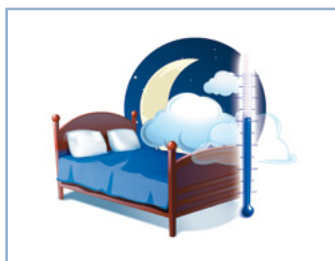
Plug-and-play Blaupunkt portable air conditioners stand out due to their attractive design and remarkable performance. They are used for cooling, heating and refreshing residential and office spaces. At the same time, the air is cleaned of dust and bacteria. The portable air conditioners have all the features and qualities expected from the air-conditioning systems of the latest generation.



1.



2.



3.



### 1. Timer mode

Using the timer function you can set the time when the air conditioner automatically switches on and off. It is a convenient way to schedule the device according to your needs.

### 2. New remote control

The delivered remote control with an LCD display serves all functions of the air conditioner. Hence you can both operate and program your device remotely.

### 3. Sleep mode

The sleep mode is a fairly useful function to create comfortable conditions for sleep. The device works noiselessly and carefully regulates the room temperature.

**Enjoy it.**

# Portable Air Conditioner Series

## Arrifana



*Enjoy it.*



### Technical specification

Model no.			BAC-PO-0707-C11D
Performance			
Capacity	Cooling	kW	2.0
	Heating	kW	2.0
EER/COP		W/W	2.6/3.1
EU energy label			A/A++
Moisture removal		l/h	1.25
Dry air flow		m³/h	280
Max. sound power level		dBA	62
Thermostat range	Cooling	°C	17~30
	Heating	°C	15~25
Electrical ratings			
Power supply		V~/Hz/Ph	220~240/50/1
Power input	Cooling	W	900
	Heating	W	700
Operating current	C/H	A	4.1/3.2
Dimensions			
Net dimensions (WxHxD)		mm	455x630x300
Shipping dimensions (WxHxD)		mm	493x660x330
Net/Gross weight		kg	22/24
Connections			
Air exhaust hose diameter		mm	150
Air exhaust hose length		mm	1500
Others			
Application area (illustrative only)		m²	5~10~15
Stuffing quantity	Euro pallet	units	6

# Portable Air Conditioner Series

## Moby Blue 0009



*Enjoy it.*



### Technical specification

Model no.			BAC-PO-0009-C06D
<b>Performance</b>			
Capacity	Cooling	kW	2.5
	Heating	kW	-
EER/COP		W/W	2.61/-
EU energy label			A/-
Moisture removal		l/h	0.7
Dry air flow		m³/h	350
Max. sound power level		dBA	53
Thermostat range	Cooling	°C	18~32
	Heating	°C	-
<b>Electrical ratings</b>			
Power supply		V~/Hz/Ph	220~240/50/1
Power input	Cooling	W	960
	Heating	W	-
Operating current	C/H	A	4.4/-
<b>Dimensions</b>			
Net dimensions (WxHxD)		mm	463x775x382
Shipping dimensions (WxHxD)		mm	500x865x550
Net/Gross weight		kg	31/38
<b>Connections</b>			
Air exhaust hose diameter		mm	134
Air exhaust hose length		mm	1500
<b>Others</b>			
Application area		m²	15~20~25
Stuffing quantity	Euro pallet	units	4(8*)

\*non euro pallet



# Portable Air Conditioner Series

## Moby Blue 1312



*Enjoy it.*



### Technical specification

Model no.			BAC-PO-1312-A06D
Performance			
Capacity	Cooling	kW	3.5
	Heating	kW	3.2
EER/COP		W/W	2.62/2.5
EU energy label			A/A
Moisture removal		l/h	0.9
Dry air flow		m³/h	390
Max. sound power level		dBA	55
Thermostat range	Cooling	°C	18~32
	Heating	°C	18~32
Electrical ratings			
Power supply		V~/Hz/Ph	220~240/50/1
Power input	Cooling	W	1400
	Heating	W	1300
Operating current	C/H	A	6.2/5.6
Dimensions			
Net dimensions (WxHxD)		mm	463x775x382
Shipping dimensions (WxHxD)		mm	500x865x550
Net/Gross weight		kg	33/40
Connections			
Air exhaust hose diameter		mm	134
Air exhaust hose length		mm	1500
Others			
Application area (illustrative only)		m²	20~25~30
Stuffing quantity	Euro pallet	units	4(8*)

\*non euro pallet





Photo by <http://www.flickr.com/>: Mike Barid, Greg Younger, warrenski, Eduardo Marquetti, Nate Merrill, Rene Mayorga, kismihok, Maria Georgieva, xabier otegi, Jenni C, Fabio Venni,

Pedro Szekely, \_FXR, Trysil, Montse PB, teresaphillips1965, Lane 4 Imaging





*Enjoy it.*

**Distributed by:**

BLAUPUNKT COMPETENCE CENTER AIRCONS & SOLAR MATEKO Sp. z o.o.

tel. (+48) 22 519 73 63

blaupunkt@mateko.pl, [www.blaupunkt.com](http://www.blaupunkt.com)