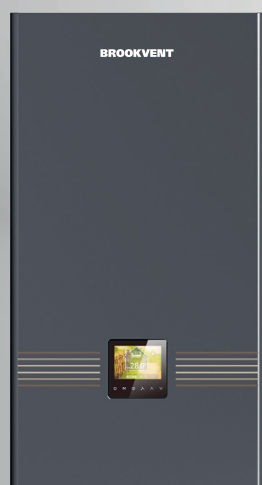


**BROOKVENT**  
**airtherm**   
SPLIT

# HEAT PUMP



 **A+++**  
ENERGY LEVEL

# What is the airtherm SPLIT?

airtherm split heat pumps allow you to use the temperature to ensure efficient, maintenance-free heating and drawing of buildings and offices. airtherm units, thanks to their high COP, enable four times more heat than energy use.

Airtherm split consists of two units: turn on and turn on, introduced thinking to lower energy consumption and turn on the noise level.

**Airtherm split provides high heating and drawing efficiency as well as a modern, elegant look.**

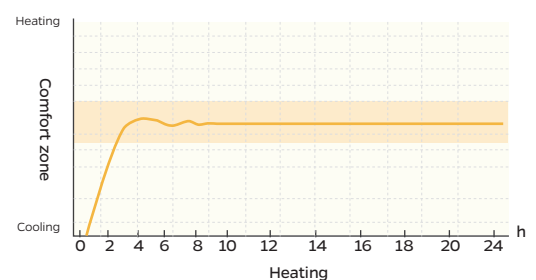
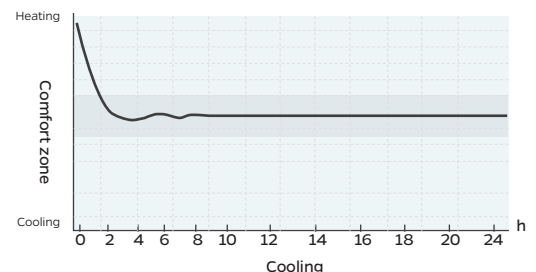


## Range of products:

Model	Ambient temperature/Water temperature					
	Power	Refrigerant	Compressor	Heating power	Energy consumption	COP
airtherm split 9 1F	220-240V~50Hz/1Ph	R32 / 1,2kg	Panasonic Inverter	3,8-9,0	0,89-2,48	4,45
airtherm split 11 1F	220-240V~50Hz/1Ph	R32 / 1,2kg	Panasonic Inverter	3,8-11,0	0,89-3,06	4,46
airtherm split 15 1F	220-240V~50Hz/1Ph	R32 / 1,8 kg	Panasonic Inverter	5,5-15,0	1,31-4,11	4,45
airtherm split 9 3F	380V~50Hz/3Ph	R32 / 1,2kg	Panasonic Inverter	3,8-9,0	0,89-2,48	4,45
airtherm split 11 3F	380V~50Hz/3Ph	R32 / 1,2kg	Panasonic Inverter	3,8-11,0	0,89-3,06	4,46
airtherm split 15 3F	380V~50Hz/3Ph	R32 / 1,8 kg	Panasonic Inverter	5,5-15,0	1,31-4,11	4,45

## Inverter Compressor

The use of an inverter compressor makes it possible to start the power device according to the users' needs and maintain the temperature, which translates into real energy savings. Automatic, smooth adjustment along with the hanging perimeter mounting system minimizes vibrations and enables proper quiet operation of the device (blue cooling, orange heated).



## Enhanced Vapor Injection (EVI) technology

The use of optimized vapor injection technology allows for a significant increase in operational efficiency. Thanks to this, the device can work even at ambient temperature  $-30^{\circ}\text{C}$ .



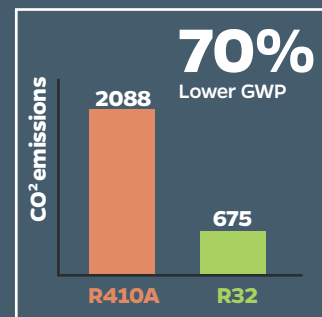
## Remarkably quiet performance

The use of a special design of fan blades together with an efficient DC motor and a vibration damping system allows for extremely quiet operation of the device.



## R32 Refrigerant

The use of the environmentally friendly R32 refrigerant allows you to increase the efficiency of the device by 10-20% compared to the popular R410A refrigerant, while significantly reducing the global warming potential (GWP) by up to 70%.



## App control

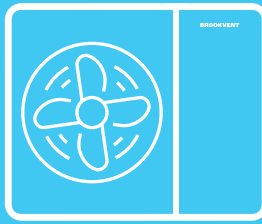
For increased comfort, it is possible to control the device both using the built-in control panel and via the WiFi network thanks to a dedicated application.



# Unit control through the application



Smartphone with an application



Pump set



Pump controller

Model		airtherm split 9	airtherm split 12	airtherm split 15
Power supply	/	220-240V~50Hz/1Ph or 380V~50Hz/3Ph		
Heating conditions ambient temperature inlet (DB/WB) 7/6°C / Outlet water temperature 40/45°C				
Heating power	kW	3.8~9.0	3.8~11.0	5.5~15.0
Power consumption	kW	0.89~2.48	0.89~3.06	1.31~4.11
COP	/	4.25~3.63	4.25~3.6	4.20~3.65
Heating conditions ambient temperature inlet (DB/WB) 7/6°C / Outlet water temperature 30/35°C				
Heating power	kW	3.7~8.5	3.7~10.7	5.2~14.6
Power consumption	kW	0.67~1.91	0.67~2.40	0.94~3.28
COP	/	5.55~4.45	5.55~4.46	5.56~4.45
Heating conditions ambient temperature inlet (DB/WB) -5/-6°C / Outlet water temperature 36/41°C				
Heating power	kW	3.5~7.0	4.0~8.5	4.5~13.0
Power consumption	kW	0.91~2.33	1.06~2.85	1.17~4.30
COP	/	3.80~3.00	3.78~2.98	3.85~3.02
Heating conditions ambient temperature inlet (DB/WB) -12/-13.5°C / Outlet water temperature 36/41°C				
Heating power	kW	3.0~6.0	4.0~7.5	4.0~11.0
Power consumption	kW	1.11~2.45	1.50~3.06	1.45~4.40
COP	/	2.70~2.45	2.68~2.45	2.75~2.50
Heating conditions ambient temperature inlet (DB/WB) -20/~°C / Outlet water temperature ~/41°C				
Heating power	kW	2.5~5.0	3.0~6.0	3.8~9.5
Power consumption	kW	1.04~2.33	1.26~2.79	1.59~4.44
COP	/	2.40~2.15	2.38~2.15	2.39~2.14
Heating conditions ambient temperature inlet (DB/WB) 35/24°C / Outlet water temperature 12/7°C				
Heating power	kW	2.3~6.5	2.3~8.0	3.2~11.0
Power consumption	kW	0.65~2.45	0.65~3.04	0.90~4.10
EER	/	A+++	A+++	A+++
Level ErP (35°C)	/	4,81	4,82	4,82
Level ErP (55°C)	/	A++	A++	A++
Water circuit	m <sup>3</sup> /h	1,1	1,4	1,9
Refrigerant	kg	R32/1.2kg	R32/1.2kg	R32/1.8kg
Acoustic pressure (1m)	dB(A)	42	43	45
Acoustic power EN12102 (35°)	dB(A)	57	59	60
Enclosure	/	Galvanized steel + ABS		
Compressor	/	Panasonic Inverter EVI		
Fan	/	DC		
Ambient temperature	°C	-35°43		
Pipe diameter	mm	DN32	DN32	DN32
Weight	kg	65	70	90
Unit dimensions length/width/height	mm	500x300x790	500x300x790	500x300x790
Unit dimensions length/width/height	mm	945x440x755	945x440x755	1145x440x950