



# eComfort & eComfort Advanced

Air source Heat pumps / Chillers



R32

FIX SPEED - AIR SOURCE

❄️ 35 - 210 kW  
🔥 35 - 210 kW

R32

ADVANCED - AIR SOURCE

❄️ 40 - 210 kW  
🔥 40 - 210 kW



- # **Fast and easy installation and commissioning** thanks to the integration of a complete hydraulic module with buffer tank and immersed heating rods.
- # Compact and discreet design **for perfect architectural integration.**
- # Outstanding **seasonal SCOP efficiencies**, exceeding the European EcoDesign 2017 requirements for heating applications.
- # **Excellent SEPR seasonal energy efficiencies**, which exceed the European EcoDesign 2021 requirements regarding high-temperature process cooling.
- # **Precise water temperature control** in heating and cooling modes thanks to highly efficient components.

## THERMODYNAMIC SYSTEM

- # Extended operating map to match most market requirements
- # New heat exchanger and latest generation components to provide high efficiency and the best Total Cost of Ownership (TCO) of the market
- # R32 refrigerant (GWP = 675) enabling a decrease of the refrigerant load (-30%) and of the unit's carbon footprint (-75% TeqCO<sub>2</sub>)
- # Desuperheater (as an option): additional plate heat exchanger on each circuit to recover the rejected heat and provide free hot water for sanitary or industrial purposes

## INVERTER COMPRESSOR

The heating and cooling demand is precisely adapted to the needs :

- # Optimized design for compact footprint, including water tank (as an option)
- # The control of the outlet water temperature is perfect.
- # Buffer tank requirements in case of low water volume or fast variable heat load are reduced.



*Inverter*



**R32 is an obvious choice to replace R410A. It already makes up 50% of its composition, and it has a number of other key advantages:**

- # low GWP: 675
- # low cost
- # pure substance
- # many providers due to no patent



## EC STANDARD FANS

Intelligent noise attenuation management thanks to:

- # Acoustic compressor jacket
- # High efficiency EC fans
- # A further increase in energy savings through improved seasonal efficiencies (floating HP).
- # Year-round operation down to -20 °C outdoor temperature in cooling mode.
- # Year-round operation up to 30 °C outdoor temperature in heating mode (heat pump).
- # Intelligent noise attenuation management, programmable night and day, combined with acoustic covers.

## TOTAL MODULATION

The eCOMFORT range benefits from the latest technologies to achieve very high seasonal efficiencies

- # Refrigerant : thanks to a very high efficiency variable speed compressor with permanent magnet motor,
- # Air : with high-efficiency EC fans with "Owlet" type blades and high performance integrated diffusers to improve airflow efficiency,
- # Water : thanks to the variable speed inverter of the water pump.
- # The integrated control management (ModBus / BACnet / Ethernet TCP / IP communication interface / Redge Cloud as an option) offers a turnkey control solution.



## eDRIVE

Variable speed drive pump option, which modulates the water flow through the plate heat exchanger and reduces energy costs:

- # Saves energy consumption especially at part-load conditions and during off period, reaching up to 75% reduction of the pump consumption.
- # Savings on the initial system cost, due to fewer pumps and piping connections than primary-secondary systems.
- # Flexibility and accuracy of the pump operation control: smooth start and stop, gradual change of speed, accuracy and stability of control.
- # Reduction of the repeated stress on the pump and piping resulting in longer equipment lifetime.
- # Elimination of the start-up current thanks to variable frequency drive that controls a gradual pump motor supply.



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- # Compact and discreet design **for perfect architectural integration.**
- # Outstanding **seasonal SCOP efficiencies**, exceeding the European EcoDesign 2017 requirements for heating applications.
- # **Excellent SEPR seasonal energy efficiencies**, which exceed the European EcoDesign 2021 requirements regarding high-temperature process cooling.
- # **Precise water temperature control** in heating and cooling modes thanks to highly efficient components.

## CONTROL

- # eClimatic electronic controller and intelligent control parameters optimising part-load efficiency.
- # Integrated communication solutions offering flexibility (master/slave, Modbus).
- # DC Advanced display, equipped with a graphic screen providing access to the main user parameters, with two optional displays:
  - Remote Display
  - Service Display

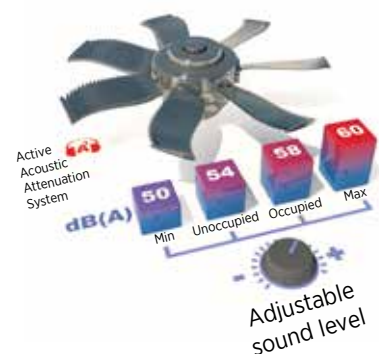


## CASING & DESIGN

- # Casing made of white painted galvanised steel.
- # Compact design, perfect for architectural integration.
- # All thermodynamic and hydraulic components installed inside the box.
- # Unit designed with reduced height for discreet installation on a roof or on the ground (up to 1.7m), without the need for a peripheral screen.
- # Optimized design for compact footprint, including water tank (as an option)

## ACOUSTIC COMFORT

- Three different noise level configurations available:
- # **Quiet operation** (standard), achieved with compact design, silent compressors and pumps, and with high-performance propeller fans, all installed in a closed box.
  - # **Low noise level option:** High performance acoustic compressor jacket can have the noise produced by the unit.
  - # **Active Acoustic Attenuation System** with variable fan speed allows progressive adaptation of the unit to the building load while respecting the noise level constraints and the operating limits (as an option).



## REMOTE MONITORING

- # Connectivity through **RedgeCloud**
- # BMS through: **e-savvy**



## THERMODYNAMIC SYSTEM

- # Multi-scroll compressors, mounted in tandem or trio, to provide the best seasonal efficiencies.
- # Aluminium microchannel condenser coil on cooling only units.
- # Large surface exchangers built with copper tubing and aluminium fins on heat-pump units.
- # High performance propeller fans with profiled blades to improve efficiency and reduce noise level (EC version in standard).
- # Thermally insulated and frost-protected water heat exchangers made from stainless steel plates with copper brazing.
- # One or two independent circuits, each equipped with electronic expansion valves.
- # R32 refrigerant (GWP = 675) enabling a decrease of the refrigerant load (-30%) and of the unit's carbon footprint (-75% TeqCO2)
- # Desuperheater (as an option): additional plate heat exchanger on each circuit to recover the rejected heat and provide free hot water for sanitary or industrial purposes.



## INTEGRATED HYDRAULIC MODULE

- # Enables Plug & Play installation and reduced footprint
- # Available with eDrive technology (inverter) to reduce operation costs

# G<sub>(A)</sub> A<sub>(B)</sub> H<sub>(C)</sub> 035<sub>(D)</sub> S<sub>(E)</sub> P<sub>(F)</sub> 1<sub>(G)</sub> M<sub>(H)</sub>

- (A) G = eComfort
- (B) A = Standard Air source unit - B = Advanced Air source unit
- (C) C = Cooling only unit - H = Heat pump unit
- (D) 035 = Approximate power in kW
- (E) S = Single circuit - D = Double circuit
- (F) P = Refrigerant R32
- (G) 1 or 2 = Revision number
- (H) M = 400V/3/50Hz



## Air source version

## Heat pumps units

eCOMFORT - GAH		035S	040S	045S	050S	055S	060S
<b>Nominal thermal performances - Cooling mode</b>							
Cooling capacity <sup>(1)</sup>		kW	37,7	41,2	46,9	50,5	63,2
Total absorbed power <sup>(1)</sup>		kW	13,2	14,2	16,5	17,7	22,0
EER <sup>(1)</sup>			2,9	2,9	2,9	2,9	3,0
Comfort Application	Standard Fans	Seasonal Energy Efficiency Ratio <sup>(2)</sup> <b>SEER</b>		4.21	4.48	4.26	4.33
		Seasonal energy efficiency <sup>(3)</sup> <b>η<sub>s,c</sub></b>	%	165	176	167	170
Process Application	Standard Fans	Seasonal Energy Performance Ratio <sup>(4)</sup> <b>SEPR - High temperature (7°C)</b>		6.03	6.58	5.58	5.59
		Seasonal Energy Performance Ratio <sup>(5)</sup> <b>SEPR - Medium temperature (-8°C)</b>		3.41	3.52	3.55	3.5
<b>Nominal thermal performances - Heating mode</b>							
Heating capacity <sup>(1)</sup>		kW	39,1	42,1	48,4	52,2	64,3
Total absorbed power <sup>(1)</sup>		kW	13,2	14,1	15,9	17,5	21,8
COP <sup>(1)</sup>			2,95	2,99	3,05	2,99	2,95
Comfort Application	Standard Fans	Seasonal Coefficient of Performance <sup>(6)</sup> <b>SCOP</b>		3,46	3,54	3,57	3,56
		Seasonal energy efficiency <sup>(7)</sup> <b>η<sub>s,h</sub></b>	%	136	139	140	140
<b>Acoustic data</b>							
Global sound power level - Standard unit		dB(A)	75,3	75,3	73,5	74,7	77,1
<b>Electrical data</b>							
Maximum power		kW	16.9	18.9	20.7	22.4	25.4
Maximum current		A	28.8	31.1	35.4	38.2	42.8
Starting current		A	98.8	108.5	146.7	157.7	162.4
Short circuit current		kA	10,0	10,0	10,0	10,0	10,0
<b>Refrigeration circuit</b>							
Number of circuits			1	1	1	1	1
Number of compressors			2	2	2	2	2
Total refrigerant load - R32		kg	5,2	5,8	6,3	7,5	9,0
<b>Evaporator</b>							
Nominal water flow rate		m <sup>3</sup> /h	6,5	7,1	8,1	8,7	10,9
Nominal pressure drop		kPa	37,4	31,9	29,9	34,5	34,1
<b>Hydraulic connection</b>							
Type		Threaded male					
Diameter			1"1/2	1"1/2	1"1/2	1"1/2	1"1/2

(1) EUROVENT certified data, in accordance with standard EN 14511.

**Cooling mode:** Evaporator water temperature = 12/7°C | Outdoor air temperature = 35°C / **Heating mode:** Condenser water temperature = 40/45°C | Outdoor air temperature = 7°C  
 (2) SEER in accordance with standard EN 14825. | (3) Following ecodesign regulation EU 2016/2281 on space cooling, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. |  
 (4) Following ecodesign regulation EU 2016/2281 on process cooling units, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. |  
 (5) Following ecodesign regulation EU 2015/1095 on process cooling chillers, normalized leaving water temperature at -8°C, in accordance with standard EN 14825 | (6)  
 SCOP in accordance with standard EN 14825. Heating mode performance is defined for average climate conditions. | (7) Following ecodesign regulation EU 813/2013 on space heaters, normalized leaving water temperature at 7°C, in accordance with standard EN 14825, average climate conditions. | (8) Following energy labelling regulation EU 811/2013 on space heaters.

# G<sub>(A)</sub> A<sub>(B)</sub> H<sub>(C)</sub> 035<sub>(D)</sub> S<sub>(E)</sub> P<sub>(F)</sub> 1<sub>(G)</sub> M<sub>(H)</sub>

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## Air source version

## Heat pumps units

eCOMFORT - GAH		065S	070S	080S	095S	110S	115S	125S		
<b>Nominal thermal performances - Cooling mode</b>										
Cooling capacity <sup>(1)</sup>		kW	64,3	69,6	84,7	94,1	105,3	118,0	126,4	
Total absorbed power <sup>(1)</sup>		kW	20,8	23,1	27,7	30,9	36,4	39,4	42,7	
EER <sup>(1)</sup>			3,09	3,02	3,06	3,05	2,90	2,99	2,96	
Comfort Application	Standard Fans	Seasonal Energy Efficiency Ratio <sup>(2)</sup> <b>SEER</b>		4,56	4,53	4,46	4,56	4,60	4,39	4,62
		Seasonal energy efficiency <sup>(3)</sup> <b>η<sub>s,c</sub></b>	%	179	178	175	180	181	173	182
Process Application	Standard Fans	Seasonal Energy Performance Ratio <sup>(4)</sup> <b>SEPR - High temperature (7°C)</b>		5,78	5,69	5,82	5,81	5,73	5,59	5,65
		Seasonal Energy Performance Ratio <sup>(5)</sup> <b>SEPR - Medium temperature (-8°C)</b>		3,56	3,54	3,70	3,64	3,66	3,66	3,69
<b>Nominal thermal performances - Heating mode</b>										
Heating capacity <sup>(1)</sup>		kW	64,9	70,4	84,9	94,8	106,7	117,5	126,1	
Total absorbed power <sup>(1)</sup>		kW	20,4	23,0	26,8	30,1	33,9	38,9	40,7	
COP <sup>(1)</sup>			3,18	3,06	3,17	3,15	3,15	3,02	3,10	
Comfort Application	Standard Fans	Seasonal Coefficient of Performance <sup>(6)</sup> <b>SCOP</b>		3,65	3,63	3,63	3,59	3,61	3,58	3,73
		Seasonal energy efficiency <sup>(7)</sup> <b>η<sub>s,h</sub></b>	%	143	142	142	141	141	140	146
<b>Acoustic data</b>										
Global sound power level - Standard unit		dB(A)	80,9	82,5	85,1	86,8	87,3	88,6	87,1	
<b>Electrical data</b>										
Maximum power		kW	28.4	31	37.1	41.6	47.2	54.3	57.4	
Maximum current		A	47.2	52.8	63.1	69.4	78.7	88.5	96.9	
Starting current		A	164	209	219.3	273.5	320.5	330.4	253.1	
Short circuit current		kA	10,0	10,0	10,0	10,0	10,0	10,0	10,0	
<b>Refrigeration circuit</b>										
Number of circuits			1	1	1	1	1	1	1	
Number of compressors			2	2	2	2	2	2	3	
Total refrigerant load - R32		kg	10,0	10,5	11,5	15,0	15,5	15,5	18,0	
<b>Evaporator</b>										
Nominal water flow rate		m <sup>3</sup> /h	11,1	12,0	14,6	16,2	18,2	20,4	21,8	
Nominal pressure drop		kPa	33,7	39,3	39,2	47,5	36,3	44,7	33,9	
<b>Hydraulic connection</b>										
Type			Victaulic							
Diameter			2"	2"	2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	

(1) EUROVENT certified data, in accordance with standard EN 14511.

**Cooling mode:** Evaporator water temperature = 12/7°C | Outdoor air temperature = 35°C / **Heating mode:** Condenser water temperature = 40/45°C | Outdoor air temperature = 7°C

(2) SEER in accordance with standard EN 14825. | (3) Following ecodesign regulation EU 2016/2281 on space cooling, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. |

(4) Following ecodesign regulation EU 2016/2281 on process cooling units, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. |

(5) Following ecodesign regulation EU 2015/1095 on process cooling chillers, normalized leaving water temperature at -8°C, in accordance with standard EN 14825 | (6)

SCOP in accordance with standard EN 14825. Heating mode performance is defined for average climate conditions. | (7) Following ecodesign regulation EU 813/2013 on space heaters,

normalized leaving water temperature at 7°C, in accordance with standard EN 14825, average climate conditions. | (8) Following energy labelling regulation EU 811/2013 on space heaters.

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- (A) **G** = eComfort
- (B) **A** = Standard Air source unit - **B** = Advanced Air source unit
- (C) **C** = Cooling only unit - **H** = Heat pump unit
- (D) **035** = Approximate power in kW
- (E) **S** = Single circuit - **D** = Double circuit
- (F) **P** = Refrigerant R32
- (G) **1 or 2** = Revision number
- (H) **M** = 400V/3/50Hz



## Air source version

## Heat pumps units

eCOMFORT - GAH		140S	110D	125D	140D	160D	185D	210D		
<b>Nominal thermal performances - Cooling mode</b>										
Cooling capacity <sup>(1)</sup>		kW	152,0	108,6	125,3	140,3	166,1	187,3	209,1	
Total absorbed power <sup>(1)</sup>		kW	54,8	38,4	43,3	48,4	55,1	62,5	73,0	
EER <sup>(1)</sup>			2,78	2,83	2,89	2,90	3,01	3,00	2,86	
Comfort Application	Standard Fans	Seasonal Energy Efficiency Ratio <sup>(2)</sup> <b>SEER</b>		4,36	4,56	4,42	4,49	4,62	4,56	4,49
		Seasonal energy efficiency <sup>(3)</sup> <b>η<sub>s,c</sub></b>	%	171	179	174	177	182	179	176
Process Application	Standard Fans	Seasonal Energy Performance Ratio <sup>(4)</sup> <b>SEPR - High temperature (7°C)</b>		5,31	5,64	5,40	5,36	5,73	5,49	5,27
		Seasonal Energy Performance Ratio <sup>(5)</sup> <b>SEPR - Medium temperature (-8°C)</b>		3,65	3,78	3,70	3,72	3,82	3,76	3,67
<b>Nominal thermal performances - Heating mode</b>										
Heating capacity <sup>(1)</sup>		kW	154,5	114,1	129,3	142,5	170,7	190,3	216,1	
Total absorbed power <sup>(1)</sup>		kW	52,9	35,4	41,4	45,9	53,3	61,1	73,0	
COP <sup>(1)</sup>			2,92	3,22	3,12	3,11	3,20	3,12	2,96	
Comfort Application	Standard Fans	Seasonal Coefficient of Performance <sup>(6)</sup> <b>SCOP</b>		3,70	3,78	3,76	3,79	3,78	3,74	3,71
		Seasonal energy efficiency <sup>(7)</sup> <b>η<sub>s,h</sub></b>	%	145	148	147	148	148	147	145
<b>Acoustic data</b>										
Global sound power level - Standard unit		dB(A)	90,3	78,7	84,3	86,8	88,1	90,1	90,6	
<b>Electrical data</b>										
Maximum power		kW	72,4	48,1	57,6	64,5	74,1	88,3	99,5	
Maximum current		A	117,5	81,8	95	108,6	126	145,8	164,5	
Starting current		A	321,7	201,3	211,8	264,8	282,2	350	406,3	
Short circuit current		kA	10,0	10,0	10,0	10,0	10,0	10,0	10,0	
<b>Refrigeration circuit</b>										
Number of circuits			1	2	2	2	2	2	2	
Number of compressors			3	2+2	2+2	2+2	2+2	2+2	2+2	
Total refrigerant load - R32		kg	18,3	17,8	19,0	20,0	26,0	26,2	26,4	
<b>Evaporator</b>										
Nominal water flow rate		m <sup>3</sup> /h	26,2	18,7	21,6	24,2	28,6	32,3	36,1	
Nominal pressure drop		kPa	47,6	19,6	25,4	20,6	28,1	31,0	38,1	
<b>Hydraulic connection</b>										
Type			Victaulic or Welded							
Diameter			2 1/2"	2 1/2"	2 1/2"	2 1/2"	3"	3"	3"	

(1) EUROVENT certified data, in accordance with standard EN 14511.

**Cooling mode:** Evaporator water temperature = 12/7°C | Outdoor air temperature = 35°C / **Heating mode:** Condenser water temperature = 40/45°C | Outdoor air temperature = 7°C  
 (2) SEER in accordance with standard EN 14825. | (3) Following ecodesign regulation EU 2016/2281 on space cooling, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. | (4) Following ecodesign regulation EU 2016/2281 on process cooling units, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. | (5) Following ecodesign regulation EU 2015/1095 on process cooling chillers, normalized leaving water temperature at -8°C, in accordance with standard EN 14825 | (6) SCOP in accordance with standard EN 14825. Heating mode performance is defined for average climate conditions. | (7) Following ecodesign regulation EU 813/2013 on space heaters, normalized leaving water temperature at 7°C, in accordance with standard EN 14825, average climate conditions. | (8) Following energy labelling regulation EU 811/2013 on space heaters.

# G<sub>(A)</sub> B<sub>(B)</sub> H<sub>(C)</sub> 040<sub>(D)</sub> S<sub>(E)</sub> P<sub>(F)</sub> 1<sub>(G)</sub> M<sub>(H)</sub>

- (A) **G** = eComfort
- (B) **A** = Standard Air source unit - **B** = Advanced Air source unit
- (C) **C** = Cooling only unit - **H** = Heat pump unit
- (D) **040** = Approximate power in kW
- (E) **S** = Single circuit - **D** = Double circuit
- (F) **P** = Refrigerant R32
- (G) **1** = Revision number
- (H) **M** = 400V/3/50Hz



## Air source version - Advanced *Inverter*

## Heat pumps units

eCOMFORT - GBH		040S	060S	070S	080S	110S	120S		
<b>Nominal thermal performances - Cooling mode</b>									
Cooling capacity <sup>(1)</sup>		kW	39,5	57,7	64,0	76,4	109,2		
Total absorbed power <sup>(1)</sup>		kW	13,6	20,8	22,5	26,8	37,6		
EER <sup>(1)</sup>			2,9	2,8	2,8	2,9	2,9		
Comfort Application	EC Fans	Seasonal Energy Efficiency Ratio <sup>(2)</sup> <b>SEER</b>		4.53	4.55	4.45	4.35	4.5	4.68
		Seasonal energy efficiency <sup>(3)</sup> <b>η<sub>s,c</sub></b>	%	178	179	175	171	177	184
Process Application	EC Fans	Seasonal Energy Performance Ratio <sup>(4)</sup> <b>SEPR - High temperature (7°C)</b>		6.23	5.95	5.78	5.65	5.62	5.51
		Seasonal Energy Performance Ratio <sup>(5)</sup> <b>SEPR - Medium temperature (-8°C)</b>		3.52	3.54	3.36	3.24	3.21	3.14
<b>Nominal thermal performances - Heating mode</b>									
Heating capacity <sup>(1)</sup>		kW	40,4	60,0	68,3	83,4	100,4	121,5	
Total absorbed power <sup>(1)</sup>		kW	13,6	20,6	23,0	28,8	32,5	41,6	
COP <sup>(1)</sup>			3,0	2,9	3,0	2,9	3,1	2,9	
Comfort Application	EC Fans	Seasonal Coefficient of Performance <sup>(6)</sup> <b>SCOP</b>		3.93	3.93	4	3.95	4.05	4.05
		Seasonal energy efficiency <sup>(7)</sup> <b>η<sub>s,h</sub></b>	%	154	154	157	155	159	159
<b>Acoustic data</b>									
Global sound power level - Standard unit		dB(A)	82,5	83,3	82,9	85,6	85,6	87,8	
<b>Electrical data</b>									
Maximum power		kW	16.4	25.3	28.8	37.5	42.6	55.2	
Maximum current		A	26.2	41	47.3	61.4	70.7	89.8	
Starting current		A	26.2	41	166.8	217.6	226.9	331.7	
Short circuit current		kA	10,0	10,0	10,0	10,0	10,0	10,0	
<b>Refrigeration circuit</b>									
Number of circuits			1	1	1	1	1	1	
Number of compressors			1	1	2	2	2	2	
Total refrigerant load - R32		kg	5,8	8,2	10,5	12,0	20,2	21,0	
<b>Evaporator</b>									
Nominal water flow rate		m <sup>3</sup> /h	6,8	10,0	11,0	13,2	16,1	18,8	
Nominal pressure drop		kPa	29,4	27,5	33,4	32,4	29,1	25,9	
<b>Hydraulic connection</b>									
Type			Threaded male						
Diameter			1 1/2"	2"	2"	2"	2 1/2"	2 1/2"	

(1) EUROVENT certified data, in accordance with standard EN 14511.

**Cooling mode:** Evaporator water temperature = 12/7°C | Outdoor air temperature = 35°C / **Heating mode:** Condenser water temperature = 40/45°C | Outdoor air temperature = 7°C  
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## Air source version - Advanced

## Heat pumps units

eCOMFORT - GBH		125D	140D	160D	185D	210D		
<b>Nominal thermal performances - Cooling mode</b>								
Cooling capacity <sup>(1)</sup>		kW	123,5	144,1	158,1	169,9	196,0	
Total absorbed power <sup>(1)</sup>		kW	42,3	50,4	51,7	55,6	66,6	
EER <sup>(1)</sup>			2,9	2,9	3,1	3,1	2,9	
Comfort Application	EC Fans	Seasonal Energy Efficiency Ratio <sup>(2)</sup> <b>SEER</b>		4.85	4.8	4.98	4.9	4.95
		Seasonal energy efficiency <sup>(3)</sup> <b>η<sub>s,c</sub></b>	%	191	189	196	193	195
Process Application	EC Fans	Seasonal Energy Performance Ratio <sup>(4)</sup> <b>SEPR - High temperature (7°C)</b>		5.59	5.34	5.93	5.69	5.46
		Seasonal Energy Performance Ratio <sup>(5)</sup> <b>SEPR - Medium temperature (-8°C)</b>		3.66	3.67	3.78	3.76	3.69
<b>Nominal thermal performances - Heating mode</b>								
Heating capacity <sup>(1)</sup>		kW	126,8	146,9	161,1	171,3	199,9	
Total absorbed power <sup>(1)</sup>		kW	40,4	48,2	49,9	53,6	65,3	
COP <sup>(1)</sup>			3,1	3,1	3,2	3,2	3,1	
Comfort Application	EC Fans	Seasonal Coefficient of Performance <sup>(6)</sup> <b>SCOP</b>		3.88	3.88	3.9	3.88	3.93
		Seasonal energy efficiency <sup>(7)</sup> <b>η<sub>s,h</sub></b>	%	152	152	153	152	154
<b>Acoustic data</b>								
Global sound power level - Standard unit		dB(A)	85,3	88,0	88,2	89,4	89,8	
<b>Electrical data</b>								
Maximum power		kW	58	68,3	71,9	81,6	94,8	
Maximum current		A	95,1	113,4	120,4	134,3	156,5	
Starting current		A	211,9	269,6	276,7	338,5	398,3	
Short circuit current		kA	10,0	10,0	10,0	10,0	10,0	
<b>Refrigeration circuit</b>								
Number of circuits			2	2	2	2	2	
Number of compressors			2+2	2+2	2+2	2+2	2+2	
Total refrigerant load - R32		kg	20,0	22,0	27,0	27,2	27,6	
<b>Evaporator</b>								
Nominal water flow rate		m <sup>3</sup> /h	21,3	24,9	27,3	29,3	33,8	
Nominal pressure drop		kPa	24,8	21,6	25,7	25,9	33,8	
<b>Hydraulic connection</b>								
Type			Victaulic					
Diameter			2"1/2		3"			

(1) EUROVENT certified data, in accordance with standard EN 14511.

**Cooling mode:** Evaporator water temperature = 12/7°C | Outdoor air temperature = 35°C / **Heating mode:** Condenser water temperature = 40/45°C | Outdoor air temperature = 7°C

(2) SEER in accordance with standard EN 14825. | (3) Following ecodesign regulation EU 2016/2281 on space cooling, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. | (4) Following ecodesign regulation EU 2016/2281 on process cooling units, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. |

(5) Following ecodesign regulation EU 2015/1095 on process cooling chillers, normalized leaving water temperature at -8°C, in accordance with standard EN 14825. |

(6) SCOP in accordance with standard EN 14825. Heating mode performance is defined for average climate conditions. | (7) Following ecodesign regulation EU 813/2013 on space heaters, normalized leaving water temperature at 7°C, in accordance with standard EN 14825, average climate conditions. | (8) Following energy labelling regulation EU 811/2013 on space heaters.

# G<sub>(A)</sub> A<sub>(B)</sub> C<sub>(C)</sub> 035<sub>(D)</sub> S<sub>(E)</sub> P<sub>(F)</sub> 1<sub>(G)</sub> M<sub>(H)</sub>

- (A) **G** = eComfort
- (B) **A** = Standard Air source unit - **B** = Advanced Air source unit
- (C) **C** = Cooling only unit - **H** = Heat pump unit
- (D) **035** = Approximate power in kW
- (E) **S** = Single circuit - **D** = Double circuit
- (F) **P** = Refrigerant R32
- (G) **1** = Revision number
- (H) **M** = 400V/3/50Hz



## Air source version

## Cooling only units

eCOMFORT - GAC			035S	040S	045S	050S	055S	060S	
<b>Nominal thermal performances - Cooling mode</b>									
Cooling capacity <sup>(1)</sup>		kW	38,4	41,6	47,5	51,8	55,0	63,6	
Total absorbed power <sup>(1)</sup>		kW	12,7	13,8	15,8	17,0	18,5	21,1	
EER <sup>(1)</sup>			3,0	3,0	3,0	3,1	3,0	3,0	
Comfort Application	Standard Fans	Seasonal Energy Efficiency Ratio <sup>(2)</sup> <b>SEER</b>		4.36	4.6	4.3	4.46	4.35	4.38
		Seasonal energy efficiency <sup>(3)</sup> <b>η<sub>s,c</sub></b>	%	171	181	169	175	171	172
Process Application	Standard Fans	Seasonal Energy Performance Ratio <sup>(4)</sup> <b>SEPR</b> - High temperature (7°C)		6.15	6.63	5.61	5.68	5.59	5.53
		Seasonal Energy Performance Ratio <sup>(5)</sup> <b>SEPR</b> - Medium temperature (-8°C)		3.36	3.49	3.5	3.47	3.48	3.49
<b>Nominal thermal performances - Heating mode</b>									
Heating capacity <sup>(1)</sup>		kW	-	-	-	-	-	-	
Total absorbed power <sup>(1)</sup>		kW	-	-	-	-	-	-	
COP <sup>(1)</sup>			-	-	-	-	-	-	
Comfort Application	Standard Fans	Seasonal Coefficient of Performance <sup>(6)</sup> <b>SCOP</b>		-	-	-	-	-	
		Seasonal energy efficiency <sup>(7)</sup> <b>η<sub>s,h</sub></b>	%	-	-	-	-	-	
<b>Acoustic data</b>									
Global sound power level - Standard unit		dB(A)	76,9	76,9	75,0	76,3	77,3	82,9	
<b>Electrical data</b>									
Maximum power		kW	16.9	18.9	20.7	22.4	24.1	28.8	
Maximum current		A	28.8	31.1	35.4	38.2	41	47.5	
Starting current		A	98.8	108.5	146.7	157.7	160.4	164.4	
Short circuit current		kA	10,0	10,0	10,0	10,0	10,0	10,0	
<b>Refrigeration circuit</b>									
Number of circuits			1	1	1	1	1	1	
Number of compressors			2	2	2	2	2	2	
Total refrigerant load - R32		kg	3,0	3,4	3,8	4,4	4,3	5,0	
<b>Evaporator</b>									
Nominal water flow rate		m <sup>3</sup> /h	6,6	7,2	8,2	8,9	9,5	11,0	
Nominal pressure drop		kPa	38,7	32,4	41,7	36,1	40,5	43,3	
<b>Hydraulic connection</b>									
Type			Threaded male						
Diameter			1"1/2	1"1/2	1"1/2	1"1/2	1"1/2	1"1/2	

(1) EUROVENT certified data, in accordance with standard EN 14511.

**Cooling mode:** Evaporator water temperature = 12/7°C | Outdoor air temperature = 35°C | **Heating mode:** Condenser water temperature = 40/45°C | Outdoor air temperature = 7°C  
 (2) SEER in accordance with standard EN 14825. | (3) Following ecodesign regulation EU 2016/2281 on space cooling, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. | (4) Following ecodesign regulation EU 2016/2281 on process cooling units, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. | (5) Following ecodesign regulation EU 2015/1095 on process cooling chillers, normalized leaving water temperature at -8°C, in accordance with standard EN 14825 | (6) SCOP in accordance with standard EN 14825. Heating mode performance is defined for average climate conditions. | (7) Following ecodesign regulation EU 813/2013 on space heaters, normalized leaving water temperature at 7°C, in accordance with standard EN 14825, average climate conditions. | (8) Following energy labelling regulation EU 811/2013 on space heaters.

# G<sub>(A)</sub> A<sub>(B)</sub> C<sub>(C)</sub> 035<sub>(D)</sub> S<sub>(E)</sub> P<sub>(F)</sub> 1<sub>(G)</sub> M<sub>(H)</sub>

- (A) **G** = eComfort
- (B) **A** = Standard Air source unit - **B** = Advanced Air source unit
- (C) **C** = Cooling only unit - **H** = Heat pump unit
- (D) **035** = Approximate power in kW
- (E) **S** = Single circuit - **D** = Double circuit
- (F) **P** = Refrigerant R32
- (G) **1** = Revision number
- (H) **M** = 400V/3/50Hz



## Air source version

## Cooling only units

eCOMFORT - GAC		065S	070S	080S	095S	110S	115S	125S		
<b>Nominal thermal performances - Cooling mode</b>										
Cooling capacity <sup>(1)</sup>		kW	64,3	70,0	86,3	95,8	108,3	119,3	128,6	
Total absorbed power <sup>(1)</sup>		kW	20,4	22,6	26,9	29,9	34,8	37,9	41,1	
EER <sup>(1)</sup>			3,1	3,1	3,2	3,2	3,1	3,2	3,1	
Comfort Application	Standard Fans	Seasonal Energy Efficiency Ratio <sup>(2)</sup> <b>SEER</b>		4.6	4.58	4.61	4.67	4.73	4.6	4.73
		Seasonal energy efficiency <sup>(3)</sup> <b>η<sub>s,c</sub></b>	%	181	180	181	184	186	181	186
Process Application	Standard Fans	Seasonal Energy Performance Ratio <sup>(4)</sup> <b>SEPR - High temperature (7°C)</b>		5.79	5.72	5.9	5.86	5.8	5.77	5.77
		Seasonal Energy Performance Ratio <sup>(5)</sup> <b>SEPR - Medium temperature (-8°C)</b>		3.53	3.52	3.68	3.6	3.63	3.66	3.7
<b>Nominal thermal performances - Heating mode</b>										
Heating capacity <sup>(1)</sup>		kW	-	-	-	-	-	-	-	
Total absorbed power <sup>(1)</sup>		kW	-	-	-	-	-	-	-	
COP <sup>(1)</sup>			-	-	-	-	-	-	-	
Comfort Application	Standard Fans	Seasonal Coefficient of Performance <sup>(6)</sup> <b>SCOP</b>		-	-	-	-	-	-	
		Seasonal energy efficiency <sup>(7)</sup> <b>η<sub>s,h</sub></b>	%	-	-	-	-	-	-	
<b>Acoustic data</b>										
Global sound power level - Standard unit		dB(A)	82,5	84,2	86,7	88,4	87,3	90,2	88,7	
<b>Electrical data</b>										
Maximum power		kW	28.4	31	37.1	41.6	47.2	54.3	57.4	
Maximum current		A	47.2	52.8	63.1	69.4	78.7	88.5	96.9	
Starting current		A	164	209	219.3	273.5	320.5	330.4	253.1	
Short circuit current		kA	10,0	10,0	10,0	10,0	10,0	10,0	10,0	
<b>Refrigeration circuit</b>										
Number of circuits			1	1	1	1	1	1	1	
Number of compressors			2	2	2	2	2	2	3	
Total refrigerant load - R32		kg	5,8	5,8	7,4	7,5	8,0	8,6	9,2	
<b>Evaporator</b>										
Nominal water flow rate		m <sup>3</sup> /h	11,1	12,1	14,9	16,5	18,7	20,6	22,2	
Nominal pressure drop		kPa	33,7	39,6	40,5	49,1	38,1	45,6	35,0	
<b>Hydraulic connection</b>										
Type			Victaulic or Welded							
Diameter			2"	2"	2"	2"1/2	2"1/2	2"1/2	2"1/2	

(1) EUROVENT certified data, in accordance with standard EN 14511.

**Cooling mode:** Evaporator water temperature = 12/7°C | Outdoor air temperature = 35°C / **Heating mode:** Condenser water temperature = 40/45°C | Outdoor air temperature = 7°C  
 (2) SEER in accordance with standard EN 14825. | (3) Following ecodesign regulation EU 2016/2281 on space cooling, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. | (4) Following ecodesign regulation EU 2016/2281 on process cooling units, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. | (5) Following ecodesign regulation EU 2015/1095 on process cooling chillers, normalized leaving water temperature at -8°C, in accordance with standard EN 14825. | (6) SCOP in accordance with standard EN 14825. Heating mode performance is defined for average climate conditions. | (7) Following ecodesign regulation EU 813/2013 on space heaters, normalized leaving water temperature at 7°C, in accordance with standard EN 14825, average climate conditions. | (8) Following energy labelling regulation EU 811/2013 on space heaters.

# G<sub>(A)</sub> A<sub>(B)</sub> C<sub>(C)</sub> 035<sub>(D)</sub> S<sub>(E)</sub> P<sub>(F)</sub> 1<sub>(G)</sub> M<sub>(H)</sub>

- (A) **G** = eComfort
- (B) **A** = Standard Air source unit - **B** = Advanced Air source unit
- (C) **C** = Cooling only unit - **H** = Heat pump unit
- (D) **035** = Approximate power in kW
- (E) **S** = Single circuit - **D** = Double circuit
- (F) **P** = Refrigerant R32
- (G) **1** = Revision number
- (H) **M** = 400V/3/50Hz



## Air source version

## Cooling only units

eCOMFORT - GAC		140S	110D	125D	140D	160D	185D	210D		
<b>Nominal thermal performances - Cooling mode</b>										
Cooling capacity <sup>(1)</sup>		kW	154,8	111,4	127,5	142,3	167,8	187,2	210,5	
Total absorbed power <sup>(1)</sup>		kW	51,1	36,9	41,9	46,6	53,6	60,7	69,9	
EER <sup>(1)</sup>			3,0	3,0	3,0	3,1	3,1	3,1	3,0	
Comfort Application	Standard Fans	Seasonal Energy Efficiency Ratio <sup>(2)</sup> <b>SEER</b>		4.53	4.66	4.6	4.65	4.72	4.71	4.64
		Seasonal energy efficiency <sup>(3)</sup> <b>η<sub>s,c</sub></b>	%	178	183	181	183	186	185	183
Process Application	Standard Fans	Seasonal Energy Performance Ratio <sup>(4)</sup> <b>SEPR - High temperature (7°C)</b>		5.52	5.7	5.54	5.51	5.8	5.64	5.45
		Seasonal Energy Performance Ratio <sup>(5)</sup> <b>SEPR - Medium temperature (-8°C)</b>		3.69	3.79	3.74	3.79	3.82	3.77	3.72
<b>Nominal thermal performances - Heating mode</b>										
Heating capacity <sup>(1)</sup>		kW	-	-	-	-	-	-	-	
Total absorbed power <sup>(1)</sup>		kW	-	-	-	-	-	-	-	
COP <sup>(1)</sup>			-	-	-	-	-	-	-	
Comfort Application	Standard Fans	Seasonal Coefficient of Performance <sup>(6)</sup> <b>SCOP</b>		-	-	-	-	-	-	
		Seasonal energy efficiency <sup>(7)</sup> <b>η<sub>s,h</sub></b>	%	-	-	-	-	-	-	
Seasonal efficiency class <sup>(8)</sup>			-	-	-	-	-	-	-	
<b>Acoustic data</b>										
Global sound power level - Standard unit		dB(A)	91,7	80,3	85,9	88,4	89,7	91,7	92,1	
<b>Electrical data</b>										
Maximum power		kW	72.4	48.1	57.6	64.5	74.1	88.3	99.5	
Maximum current		A	117.5	81.8	95	108.6	126	145.8	164.5	
Starting current		A	321.7	201.3	211.8	264.8	282.2	350	406.3	
Short circuit current		kA	10,0	10,0	10,0	10,0	10,0	10,0	10,0	
<b>Refrigeration circuit</b>										
Number of circuits			1	2	2	2	2	2	2	
Number of compressors			3	2+2	2+2	2+2	2+2	2+2	2+2	
Total refrigerant load - R32		kg	9,4	10,8	11,4	12,8	14,4	15,0	15,2	
<b>Evaporator</b>										
Nominal water flow rate		m <sup>3</sup> /h	26,7	19,2	22,0	24,6	28,9	32,3	36,3	
Nominal pressure drop		kPa	49,3	20,5	26,2	21,1	28,6	31,0	38,6	
<b>Hydraulic connection</b>										
Type			Victaulic or Welded							
Diameter			2"1/2	2"1/2	2"1/2	2"1/2	3"	3"	3"	

(1) EUROVENT certified data, in accordance with standard EN 14511.

**Cooling mode:** Evaporator water temperature = 12/7°C | Outdoor air temperature = 35°C / **Heating mode:** Condenser water temperature = 40/45°C | Outdoor air temperature = 7°C

(2) SEER in accordance with standard EN 14825. | (3) Following ecodesign regulation EU 2016/2281 on space cooling, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. | (4) Following ecodesign regulation EU 2016/2281 on process cooling units, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. |

(5) Following ecodesign regulation EU 2015/1095 on process cooling chillers, normalized leaving water temperature at -8°C, in accordance with standard EN 14825. |

(6) SCOP in accordance with standard EN 14825. Heating mode performance is defined for average climate conditions. | (7) Following ecodesign regulation EU 813/2013 on space heaters, normalized leaving water temperature at 7°C, in accordance with standard EN 14825, average climate conditions. | (8) Following energy labelling regulation EU 811/2013 on space heaters.

# G<sub>(A)</sub> B<sub>(B)</sub> C<sub>(C)</sub> 040<sub>(D)</sub> S<sub>(E)</sub> P<sub>(F)</sub> 1<sub>(G)</sub> M<sub>(H)</sub>

- (A) **G** = eComfort
- (B) **A** = Air source unit fix compressor - **B** = Advanced Air source unit
- (C) **C** = Cooling only unit - **H** = Heat pump unit
- (D) **040** = Approximate power in kW
- (E) **S** = Single circuit - **D** = Double circuit
- (F) **P** = Refrigerant R32
- (G) **1** = Revision number
- (H) **M** = 400V/3/50Hz



**Air source version - Advanced**

**Cooling only units**

eCOMFORT - GBC		040S	060S	070S	080S	110S	120S	125D	140D		
<b>Nominal thermal performances - Cooling mode</b>											
Cooling capacity <sup>(1)</sup>		kW	43,8	65,0	71,3	87,7	108,3	132,1	124,8	146,7	
Total absorbed power <sup>(1)</sup>		kW	15,1	22,8	24,4	28,6	36,4	44,4	40,9	48,6	
EER <sup>(1)</sup>			2,90	2,85	2,92	3,06	2,98	2,97	3,05	3,02	
Comfort Application	EC Fans	Seasonal Energy Efficiency Ratio <sup>(2)</sup> <b>SEER</b>		4,75	4,88	4,73	4,80	4,98	4,88	5,0	5,0
		Seasonal energy efficiency <sup>(3)</sup> <b>η<sub>s,c</sub></b>	%	187	192	186	189	196	192	195,4	197,5
Process Application	EC Fans	Seasonal Energy Performance Ratio <sup>(4)</sup> <b>SEPR - High temperature (7°C)</b>		6,32	6,01	6	6,16	6,29	5,97	5,5	5,7
		Seasonal Energy Performance Ratio <sup>(5)</sup> <b>SEPR - Medium temperature (-8°C)</b>		3,41	3,53	3,42	3,53	3,60	3,56	3,68	3,74
<b>Nominal thermal performances - Heating mode</b>											
Heating capacity <sup>(1)</sup>		kW	-	-	-	-	-	-	-	-	
Total absorbed power <sup>(1)</sup>		kW	-	-	-	-	-	-	-	-	
COP <sup>(1)</sup>			-	-	-	-	-	-	-	-	
Comfort Application	EC Fans	Seasonal Coefficient of Performance <sup>(6)</sup> <b>SCOP</b>		-	-	-	-	-	-	-	
		Seasonal energy efficiency <sup>(7)</sup> <b>η<sub>s,h</sub></b>	%	-	-	-	-	-	-	-	-
<b>Acoustic data</b>											
Global sound power level - Standard unit		dB(A)	84,2	85,0	84,6	87,2	87,1	89,5	84,4	86,1	
<b>Electrical data</b>											
Maximum power		kW	16.4	25.3	28.8	37.5	42.6	55.2	58	68.3	
Maximum current		A	26.2	41	47.3	61.4	70.7	89.8	95.1	113.4	
Starting current		A	26.2	41	166.8	217.6	226.9	331.7	211.9	269.6	
Short circuit current		kA	10								
<b>Refrigeration circuit</b>											
Number of circuits			1	1	1	1	1	1	2	2	
Number of compressors			1	1	2	2	2	2	2+2	2+2	
Total refrigerant load - R32		kg	3,6	4,6	6,0	7,4	8,8	9,0	9,2	9,4	
<b>Evaporator</b>											
Nominal water flow rate		m <sup>3</sup> /h	7,6	11,2	12,3	15,1	18,7	22,8	21,53	25,31	
Nominal pressure drop		kPa	35,8	45,1	41,1	41,7	38,1	36,7	25	22	
<b>Hydraulic connection</b>											
Type			Threaded male				Victaulic or Welded				
Diameter			1 1/2		2		2 1/2				

(1) EUROVENT certified data, in accordance with standard EN 14511.

**Cooling mode:** Evaporator water temperature = 12/7°C | Outdoor air temperature = 35°C / **Heating mode:** Condenser water temperature = 40/45°C | Outdoor air temperature = 7°C

(2) SEER in accordance with standard EN 14825. | (3) Following ecodesign regulation EU 2016/2281 on space cooling, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. | (4) Following ecodesign regulation EU 2016/2281 on process cooling units, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. |

(5) Following ecodesign regulation EU 2015/1095 on process cooling chillers, normalized leaving water temperature at -8°C, in accordance with standard EN 14825. |

(6) SCOP in accordance with standard EN 14825. Heating mode performance is defined for average climate conditions. | (7) Following ecodesign regulation EU 813/2013 on space heaters, normalized leaving water temperature at 7°C, in accordance with standard EN 14825, average climate conditions. | (8) Following energy labelling regulation EU 811/2013 on space heaters.

# G<sub>(A)</sub> B<sub>(B)</sub> C<sub>(C)</sub> 040<sub>(D)</sub> S<sub>(E)</sub> P<sub>(F)</sub> 1<sub>(G)</sub> M<sub>(H)</sub>

- (A) G = eComfort
- (B) A = Air source unit fix compressor - B = Advanced Air source unit
- (C) C = Cooling only unit - H = Heat pump unit
- (D) 040 = Approximate power in kW
- (E) S = Single circuit - D = Double circuit
- (F) P = Refrigerant R32
- (G) 1 = Revision number
- (H) M = 400V/3/50Hz



## Air source version - Advanced

## Cooling only units

eCOMFORT - GBC			160D	185D	210D	
<b>Nominal thermal performances - Cooling mode</b>						
Cooling capacity <sup>(1)</sup>		kW	159,5	170,0	196,6	
Total absorbed power <sup>(1)</sup>		kW	50,6	54,1	64,2	
EER <sup>(1)</sup>			3,15	3,14	3,06	
Comfort Application	EC Fans	Seasonal Energy Efficiency Ratio <sup>(2)</sup> <b>SEER</b>		5.05	5.03	5.08
		Seasonal energy efficiency <sup>(3)</sup> <b>η<sub>s,c</sub></b>	%	199	198	200
Process Application	EC Fans	Seasonal Energy Performance Ratio <sup>(4)</sup> <b>SEPR - High temperature (7°C)</b>		6.01	5.95	5.64
		Seasonal Energy Performance Ratio <sup>(5)</sup> <b>SEPR - Medium temperature (-8°C)</b>		3.77	3.75	3.7
<b>Nominal thermal performances - Heating mode</b>						
Heating capacity <sup>(1)</sup>		kW	-	-	-	
Total absorbed power <sup>(1)</sup>		kW	-	-	-	
COP <sup>(1)</sup>			-	-	-	
Comfort Application	EC Fans	Seasonal Coefficient of Performance <sup>(6)</sup> <b>SCOP</b>		-	-	-
		Seasonal energy efficiency <sup>(7)</sup> <b>η<sub>s,h</sub></b>	%	-	-	-
<b>Acoustic data</b>						
Global sound power level - Standard unit		dB(A)	85,2	87,3	87,5	
<b>Electrical data</b>						
Maximum power		kW	71.7	81.6	94.8	
Maximum current		A	120	135.1	157.1	
Starting current		A	276.3	338.5	398.3	
Short circuit current		kA		10		
<b>Refrigeration circuit</b>						
Number of circuits			2	2	2	
Number of compressors			2+2	2+2	2+2	
Total refrigerant load - R32		kg	14,6	15	15,2	
<b>Evaporator</b>						
Nominal water flow rate		m <sup>3</sup> /h	27,52	29,32	33,91	
Nominal pressure drop		kPa	26	26	34	
<b>Hydraulic connection</b>						
Type			Victaulic or Welded			
Diameter			3"			

(1) EUROVENT certified data, in accordance with standard EN 14511.

**Cooling mode:** Evaporator water temperature = 12/7°C | Outdoor air temperature = 35°C / **Heating mode:** Condenser water temperature = 40/45°C | Outdoor air temperature = 7°C  
 (2) SEER in accordance with standard EN 14825. | (3) Following ecodesign regulation EU 2016/2281 on space cooling, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. | (4) Following ecodesign regulation EU 2016/2281 on process cooling units, normalized leaving water temperature at 7°C, in accordance with standard EN 14825. | (5) Following ecodesign regulation EU 2015/1095 on process cooling chillers, normalized leaving water temperature at -8°C, in accordance with standard EN 14825. | (6) SCOP in accordance with standard EN 14825. Heating mode performance is defined for average climate conditions. | (7) Following ecodesign regulation EU 813/2013 on space heaters, normalized leaving water temperature at 7°C, in accordance with standard EN 14825, average climate conditions. | (8) Following energy labelling regulation EU 811/2013 on space heaters.



**Air source version**

**Heat pumps units**

eCOMFORT - GAH		035S	040S	045S	050S	055S	060S	065S	070S	080S
A	mm	1125			1125			2250		
B		1320			1320			1320		
C		1740			2109			1779		
<b>Weight of standard units</b>										
Basic unit	kg	350	369	385	416	424	448	614	608	649



**Air source version**

**Heat pumps units**

eCOMFORT - GAH		095S	110S	115S	125S	140S	110D	125D	140D	160D	185D	210D
A	mm	2250			2250			2250			2250	
B		1320			1740			2650			2650	
C		2071			2071			2071			2071	
<b>Weight of standard units</b>												
Basic unit	kg	742	771	793	918	1006	975	1017	998	1388	1463	1463



**Air source version - Advanced**

**Heat pumps units**

eCOMFORT - GBH		040S	060S	070S	080S	110S	120S
A	mm	1125	1125	2250	2250	2250	2250
B		1320	1320	1320	1320	1320	1320
C		1740	2109	1770	1779	2071	2071
<b>Weight of standard units</b>							
Basic unit	kg	351	401	609	705	746	789



**Air source version - Advanced**

**Heat pumps units**

eCOMFORT - GBH		125S	140S	160S	185S	210S
A	mm	2250	2250	2250	2250	2250
B		1740	1740	2650	2650	2650
C		2071	2071	2071	2071	2071
<b>Weight of standard units</b>						
Basic unit	kg	1001	1065	1360	1427	1427



**Air source version**

**Cooling only units**

eCOMFORT - GAC		035S	040S	045S	050S	055S	060S	065S	070S	080S
A	mm	1125			1125			2250		
B		1320			1320			1320		
C		1740			2109			1779		
<b>Weight of standard units</b>										
Basic unit	kg	325	339	350	379	385	405	565	559	605



**Air source version**

**Cooling only units**

eCOMFORT - GAC		095S	110S	115S	125S	140S	110D	125D	140D	160D	185D	210D
A	mm	2250			2250			2250			2250	
B		1320			1740			1740			2650	
C		2071			2071			2071			2071	
<b>Weight of standard units</b>												
Basic unit	kg	679	701	730	846	932	893	932	911	1216	1340	1340



**Air source version - Advanced**

**Cooling only units**

eCOMFORT - GBC		040S	060S	070S	080S	110S	120S	
A	mm	1125			2250		2250	
B		1320			1320		1320	
C		1740	2109	1779	1779	2071	2071	
<b>Weight of standard units</b>								
Basic unit	kg	332	367	547	640	682	721	



**Air source version - Advanced**

**Cooling only units**

eCOMFORT - GBC		125D	140D	160D	185D	210D
A	mm	2250			2250	
B		1740			2650	
C		2071			2071	
<b>Weight of standard units</b>						
Basic unit	kg	894	949	1201	1283	1283

