

redge[®]

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% 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

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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- # **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



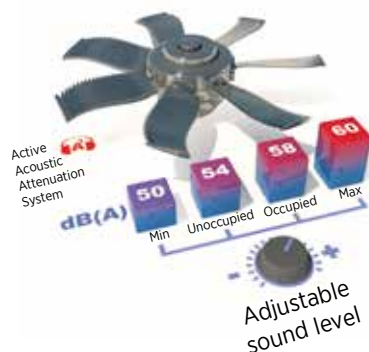
CASING & DESIGN

- # 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_(A) **A**_(B) **H**_(C) **035**_(D) **S**_(E) **P**_(F) **1**_(G) **M**_(H)

(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	
Nominal thermal performances - Cooling mode									
Cooling capacity ⁽¹⁾		kW	37,7	41,2	46,9	50,5	56,1	63,2	
Total absorbed power ⁽¹⁾		kW	13,2	14,2	16,5	17,7	19,0	22,0	
EER ⁽¹⁾			2,9	2,9	2,9	2,9	3,0	2,9	
Comfort Application	Standard Fans	Seasonal Energy Efficiency Ratio ⁽²⁾ SEER		4.21	4.48	4.26	4.33	4.18	4.18
		Seasonal energy efficiency ⁽³⁾ η_{s,c}	%	165	176	167	170	164	164
Seasonal Energy Performance Ratio ⁽⁴⁾ SEPR - High temperature (7°C)		6.03	6.58	5.58	5.59	5.5	5.43		
Seasonal Energy Performance Ratio ⁽⁵⁾ SEPR - Medium temperature (-8°C)		3.41	3.52	3.55	3.5	3.56	3.52		
Nominal thermal performances - Heating mode									
Heating capacity ⁽¹⁾		kW	39,1	42,1	48,4	52,2	56,6	64,3	
Total absorbed power ⁽¹⁾		kW	13,2	14,1	15,9	17,5	18,9	21,8	
COP ⁽¹⁾			2,95	2,99	3,05	2,99	2,99	2,95	
Comfort Application	Standard Fans	Seasonal Coefficient of Performance ⁽⁶⁾ SCOP		3,46	3,54	3,57	3,56	3,54	3,54
		Seasonal energy efficiency ⁽⁷⁾ η_{s,h}	%	136	139	140	140	139	139
Acoustic data									
Global sound power level - Standard unit		dB(A)	75,3	75,3	73,5	74,7	77,1	81,3	
Electrical data									
Maximum power		kW	16.9	18.9	20.7	22.4	25.4	28.8	
Maximum current		A	28.8	31.1	35.4	38.2	42.8	47.5	
Starting current		A	98.8	108.5	146.7	157.7	162.4	164.4	
Short circuit current		kA	10,0	10,0	10,0	10,0	10,0	10,0	
Refrigeration circuit									
Number of circuits			1	1	1	1	1	1	
Number of compressors			2	2	2	2	2	2	
Total refrigerant load - R32		kg	5,2	5,8	6,3	7,5	7,6	9,0	
Evaporator									
Nominal water flow rate		m³/h	6,5	7,1	8,1	8,7	9,7	10,9	
Nominal pressure drop		kPa	37,4	31,9	29,9	34,5	34,1	32,7	
Hydraulic connection									
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_(A) A_(B) H_(C) 035_(D) S_(E) P_(F) 1_(G) M_(H)

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(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			065S	070S	080S	095S	110S	115S	125S	
Nominal thermal performances - Cooling mode										
Cooling capacity ⁽¹⁾		kW	64,3	69,6	84,7	94,1	105,3	118,0	126,4	
Total absorbed power ⁽¹⁾		kW	20,8	23,1	27,7	30,9	36,4	39,4	42,7	
EER ⁽¹⁾			3,09	3,02	3,06	3,05	2,90	2,99	2,96	
Comfort Application	Standard Fans	Seasonal Energy Efficiency Ratio ⁽²⁾ SEER		4,56	4,53	4,46	4,56	4,60	4,39	4,62
		Seasonal energy efficiency ⁽³⁾ η_{s,c}	%	179	178	175	180	181	173	182
Seasonal Energy Performance Ratio ⁽⁴⁾ SEPR - High temperature (7°C)		5,78	5,69	5,82	5,81	5,73	5,59	5,65		
Seasonal Energy Performance Ratio ⁽⁵⁾ SEPR - Medium temperature (-8°C)		3,56	3,54	3,70	3,64	3,66	3,66	3,69		
Nominal thermal performances - Heating mode										
Heating capacity ⁽¹⁾		kW	64,9	70,4	84,9	94,8	106,7	117,5	126,1	
Total absorbed power ⁽¹⁾		kW	20,4	23,0	26,8	30,1	33,9	38,9	40,7	
COP ⁽¹⁾			3,18	3,06	3,17	3,15	3,15	3,02	3,10	
Comfort Application	Standard Fans	Seasonal Coefficient of Performance ⁽⁶⁾ SCOP		3,65	3,63	3,63	3,59	3,61	3,58	3,73
		Seasonal energy efficiency ⁽⁷⁾ η_{s,h}	%	143	142	142	141	141	140	146
Acoustic data										
Global sound power level - Standard unit		dB(A)	80,9	82,5	85,1	86,8	87,3	88,6	87,1	
Electrical data										
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	
Refrigeration circuit										
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	
Evaporator										
Nominal water flow rate		m³/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	
Hydraulic connection										
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.

G_(A) **A**_(B) **H**_(C) **035**_(D) **S**_(E) **P**_(F) **1**_(G) **M**_(H)(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	
Nominal thermal performances - Cooling mode										
Cooling capacity ⁽¹⁾		kW	152,0	108,6	125,3	140,3	166,1	187,3	209,1	
Total absorbed power ⁽¹⁾		kW	54,8	38,4	43,3	48,4	55,1	62,5	73,0	
EER ⁽¹⁾			2,78	2,83	2,89	2,90	3,01	3,00	2,86	
Comfort Application	Standard Fans	Seasonal Energy Efficiency Ratio ⁽²⁾ SEER		4,36	4,56	4,42	4,49	4,62	4,56	4,49
		Seasonal energy efficiency ⁽³⁾ ηs,c	%	171	179	174	177	182	179	176
Process Application		Seasonal Energy Performance Ratio ⁽⁴⁾ SEPR - High temperature (7°C)		5,31	5,64	5,40	5,36	5,73	5,49	5,27
		Seasonal Energy Performance Ratio ⁽⁵⁾ SEPR - Medium temperature (-8°C)		3,65	3,78	3,70	3,72	3,82	3,76	3,67
Nominal thermal performances - Heating mode										
Heating capacity ⁽¹⁾		kW	154,5	114,1	129,3	142,5	170,7	190,3	216,1	
Total absorbed power ⁽¹⁾		kW	52,9	35,4	41,4	45,9	53,3	61,1	73,0	
COP ⁽¹⁾			2,92	3,22	3,12	3,11	3,20	3,12	2,96	
Comfort Application	Standard Fans	Seasonal Coefficient of Performance ⁽⁶⁾ SCOP		3,70	3,78	3,76	3,79	3,78	3,74	3,71
		Seasonal energy efficiency ⁽⁷⁾ ηs,h	%	145	148	147	148	148	147	145
Acoustic data										
Global sound power level - Standard unit		dB(A)	90,3	78,7	84,3	86,8	88,1	90,1	90,6	
Electrical data										
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	
Refrigeration circuit										
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	
Evaporator										
Nominal water flow rate		m³/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	
Hydraulic connection										
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_(A) B_(B) H_(C) 040_(D) S_(E) P_(F) 1_(G) M_(H)

(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

Heat pumps units

eCOMFORT - GBH			040S	060S	070S	080S	110S	120S	
Nominal thermal performances - Cooling mode									
Cooling capacity ⁽¹⁾		kW	39,5	57,7	64,0	76,4	93,4	109,2	
Total absorbed power ⁽¹⁾		kW	13,6	20,8	22,5	26,8	33,5	37,6	
EER ⁽¹⁾			2,9	2,8	2,8	2,9	2,8	2,9	
Comfort Application	EC Fans	Seasonal Energy Efficiency Ratio ⁽²⁾ SEER		4.53	4.55	4.45	4.35	4.5	4.68
		Seasonal energy efficiency ⁽³⁾ η_{s,c}	%	178	179	175	171	177	184
Process Application		Seasonal Energy Performance Ratio ⁽⁴⁾ SEPR - High temperature (7°C)		6.23	5.95	5.78	5.65	5.62	5.51
		Seasonal Energy Performance Ratio ⁽⁵⁾ SEPR - Medium temperature (-8°C)		3.52	3.54	3.36	3.24	3.21	3.14
Nominal thermal performances - Heating mode									
Heating capacity ⁽¹⁾		kW	40,4	60,0	68,3	83,4	100,4	121,5	
Total absorbed power ⁽¹⁾		kW	13,6	20,6	23,0	28,8	32,5	41,6	
COP ⁽¹⁾			3,0	2,9	3,0	2,9	3,1	2,9	
Comfort Application	EC Fans	Seasonal Coefficient of Performance ⁽⁶⁾ SCOP		3.93	3.93	4	3.95	4.05	4.05
		Seasonal energy efficiency ⁽⁷⁾ η_{s,h}	%	154	154	157	155	159	159
Acoustic data									
Global sound power level - Standard unit		dB(A)	82,5	83,3	82,9	85,6	85,6	87,8	
Electrical data									
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	
Refrigeration circuit									
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	
Evaporator									
Nominal water flow rate		m³/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	
Hydraulic connection									
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

⁽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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(H) **M** = 400V/3/50Hz



Air source version - Advanced

Heat pumps units

eCOMFORT - GBH			125D	140D	160D	185D	210D	
Nominal thermal performances - Cooling mode								
Cooling capacity ⁽¹⁾		kW	123,5	144,1	158,1	169,9	196,0	
Total absorbed power ⁽¹⁾		kW	42,3	50,4	51,7	55,6	66,6	
EER ⁽¹⁾			2,9	2,9	3,1	3,1	2,9	
Comfort Application	EC Fans	Seasonal Energy Efficiency Ratio ⁽²⁾ SEER		4.85	4.8	4.98	4.9	4.95
		Seasonal energy efficiency ⁽³⁾ η_{s,c}	%	191	189	196	193	195
Process Application	EC Fans	Seasonal Energy Performance Ratio ⁽⁴⁾ SEPR - High temperature (7°C)		5.59	5.34	5.93	5.69	5.46
		Seasonal Energy Performance Ratio ⁽⁵⁾ SEPR - Medium temperature (-8°C)		3.66	3.67	3.78	3.76	3.69
Nominal thermal performances - Heating mode								
Heating capacity ⁽¹⁾		kW	126,8	146,9	161,1	171,3	199,9	
Total absorbed power ⁽¹⁾		kW	40,4	48,2	49,9	53,6	65,3	
COP ⁽¹⁾			3,1	3,1	3,2	3,2	3,1	
Comfort Application	EC Fans	Seasonal Coefficient of Performance ⁽⁶⁾ SCOP		3.88	3.88	3.9	3.88	3.93
		Seasonal energy efficiency ⁽⁷⁾ η_{s,h}	%	152	152	153	152	154
Acoustic data								
Global sound power level - Standard unit		dB(A)	85,3	88,0	88,2	89,4	89,8	
Electrical data								
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	
Refrigeration circuit								
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	
Evaporator								
Nominal water flow rate		m³/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	
Hydraulic connection								
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_(A) A_(B) C_(C) 035_(D) S_(E) P_(F) 1_(G) M_(H)

(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	
Nominal thermal performances - Cooling mode									
Cooling capacity ⁽¹⁾		kW	38,4	41,6	47,5	51,8	55,0	63,6	
Total absorbed power ⁽¹⁾		kW	12,7	13,8	15,8	17,0	18,5	21,1	
EER ⁽¹⁾			3,0	3,0	3,0	3,1	3,0	3,0	
Comfort Application	Standard Fans	Seasonal Energy Efficiency Ratio ⁽²⁾ SEER		4.36	4.6	4.3	4.46	4.35	4.38
		Seasonal energy efficiency ⁽³⁾ η_{s,c}	%	171	181	169	175	171	172
Process Application	Standard Fans	Seasonal Energy Performance Ratio ⁽⁴⁾ SEPR - High temperature (7°C)		6.15	6.63	5.61	5.68	5.59	5.53
		Seasonal Energy Performance Ratio ⁽⁵⁾ SEPR - Medium temperature (-8°C)		3.36	3.49	3.5	3.47	3.48	3.49
Nominal thermal performances - Heating mode									
Heating capacity ⁽¹⁾		kW	-	-	-	-	-	-	
Total absorbed power ⁽¹⁾		kW	-	-	-	-	-	-	
COP ⁽¹⁾			-	-	-	-	-	-	
Comfort Application	Standard Fans	Seasonal Coefficient of Performance ⁽⁶⁾ SCOP		-	-	-	-	-	-
		Seasonal energy efficiency ⁽⁷⁾ η_{s,h}	%	-	-	-	-	-	-
Acoustic data									
Global sound power level - Standard unit		dB(A)	76,9	76,9	75,0	76,3	77,3	82,9	
Electrical data									
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	
Refrigeration circuit									
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	
Evaporator									
Nominal water flow rate		m³/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	
Hydraulic connection									
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_(A) **A**_(B) **C**_(C) **035**_(D) **S**_(E) **P**_(F) **1**_(G) **M**_(H)

(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	
Nominal thermal performances - Cooling mode										
Cooling capacity ⁽¹⁾		kW	64,3	70,0	86,3	95,8	108,3	119,3	128,6	
Total absorbed power ⁽¹⁾		kW	20,4	22,6	26,9	29,9	34,8	37,9	41,1	
EER ⁽¹⁾			3,1	3,1	3,2	3,2	3,1	3,2	3,1	
Comfort Application	Standard Fans	Seasonal Energy Efficiency Ratio ⁽²⁾ SEER		4.6	4.58	4.61	4.67	4.73	4.6	4.73
		Seasonal energy efficiency ⁽³⁾ η_{s,c}	%	181	180	181	184	186	181	186
Process Application		Seasonal Energy Performance Ratio ⁽⁴⁾ SEPR - High temperature (7°C)		5.79	5.72	5.9	5.86	5.8	5.77	5.77
		Seasonal Energy Performance Ratio ⁽⁵⁾ SEPR - Medium temperature (-8°C)		3.53	3.52	3.68	3.6	3.63	3.66	3.7
Nominal thermal performances - Heating mode										
Heating capacity ⁽¹⁾		kW	-	-	-	-	-	-	-	
Total absorbed power ⁽¹⁾		kW	-	-	-	-	-	-	-	
COP ⁽¹⁾			-	-	-	-	-	-	-	
Comfort Application	Standard Fans	Seasonal Coefficient of Performance ⁽⁶⁾ SCOP		-	-	-	-	-	-	-
		Seasonal energy efficiency ⁽⁷⁾ η_{s,h}	%	-	-	-	-	-	-	-
Acoustic data										
Global sound power level - Standard unit		dB(A)	82,5	84,2	86,7	88,4	87,3	90,2	88,7	
Electrical data										
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	
Refrigeration circuit										
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	
Evaporator										
Nominal water flow rate		m³/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	
Hydraulic connection										
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_(A) A_(B) C_(C) 035_(D) S_(E) P_(F) 1_(G) M_(H)

(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	
Nominal thermal performances - Cooling mode										
Cooling capacity ⁽¹⁾		kW	154,8	111,4	127,5	142,3	167,8	187,2	210,5	
Total absorbed power ⁽¹⁾		kW	51,1	36,9	41,9	46,6	53,6	60,7	69,9	
EER ⁽¹⁾			3,0	3,0	3,0	3,1	3,1	3,1	3,0	
Comfort Application	Standard Fans	Seasonal Energy Efficiency Ratio ⁽²⁾ SEER		4.53	4.66	4.6	4.65	4.72	4.71	4.64
		Seasonal energy efficiency ⁽³⁾ η_{s,c}	%	178	183	181	183	186	185	183
Process Application	Standard Fans	Seasonal Energy Performance Ratio ⁽⁴⁾ SEPR - High temperature (7°C)		5.52	5.7	5.54	5.51	5.8	5.64	5.45
		Seasonal Energy Performance Ratio ⁽⁵⁾ SEPR - Medium temperature (-8°C)		3.69	3.79	3.74	3.79	3.82	3.77	3.72
Nominal thermal performances - Heating mode										
Heating capacity ⁽¹⁾		kW	-	-	-	-	-	-	-	
Total absorbed power ⁽¹⁾		kW	-	-	-	-	-	-	-	
COP ⁽¹⁾			-	-	-	-	-	-	-	
Comfort Application	Standard Fans	Seasonal Coefficient of Performance ⁽⁶⁾ SCOP		-	-	-	-	-	-	
		Seasonal energy efficiency ⁽⁷⁾ η_{s,h}	%	-	-	-	-	-	-	
Seasonal efficiency class ⁽⁸⁾			-	-	-	-	-	-	-	
Acoustic data										
Global sound power level - Standard unit		dB(A)	91,7	80,3	85,9	88,4	89,7	91,7	92,1	
Electrical data										
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	
Refrigeration circuit										
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	
Evaporator										
Nominal water flow rate		m³/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	
Hydraulic connection										
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_(A) B_(B) C_(C) 040_(D) S_(E) P_(F) 1_(G) M_(H)(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	
Nominal thermal performances - Cooling mode											
Cooling capacity ⁽¹⁾		kW	43,8	65,0	71,3	87,7	108,3	132,1	124,8	146,7	
Total absorbed power ⁽¹⁾		kW	15,1	22,8	24,4	28,6	36,4	44,4	40,9	48,6	
EER ⁽¹⁾			2,90	2,85	2,92	3,06	2,98	2,97	3,05	3,02	
Comfort Application	EC Fans	Seasonal Energy Efficiency Ratio ⁽²⁾ SEER		4,75	4,88	4,73	4,80	4,98	4,88	5,0	5,0
		Seasonal energy efficiency ⁽³⁾ η_{s,c}	%	187	192	186	189	196	192	195,4	197,5
Process Application	EC Fans	Seasonal Energy Performance Ratio ⁽⁴⁾ SEPR - High temperature (7°C)		6,32	6,01	6	6,16	6,29	5,97	5,5	5,7
		Seasonal Energy Performance Ratio ⁽⁵⁾ SEPR - Medium temperature (-8°C)		3,41	3,53	3,42	3,53	3,60	3,56	3,68	3,74
Nominal thermal performances - Heating mode											
Heating capacity ⁽¹⁾		kW	-	-	-	-	-	-	-	-	
Total absorbed power ⁽¹⁾		kW	-	-	-	-	-	-	-	-	
COP ⁽¹⁾			-	-	-	-	-	-	-	-	
Comfort Application	EC Fans	Seasonal Coefficient of Performance ⁽⁶⁾ SCOP		-	-	-	-	-	-	-	
		Seasonal energy efficiency ⁽⁷⁾ η_{s,h}	%	-	-	-	-	-	-	-	
Acoustic data											
Global sound power level - Standard unit		dB(A)	84,2	85,0	84,6	87,2	87,1	89,5	84,4	86,1	
Electrical data											
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								
Refrigeration circuit											
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	
Evaporator											
Nominal water flow rate		m³/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	
Hydraulic connection											
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_(A) **B**_(B) **C**_(C) **040**_(D) **S**_(E) **P**_(F) **1**_(G) **M**_(H)

(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	
Nominal thermal performances - Cooling mode						
Cooling capacity ⁽¹⁾		kW	159,5	170,0	196,6	
Total absorbed power ⁽¹⁾		kW	50,6	54,1	64,2	
EER ⁽¹⁾			3,15	3,14	3,06	
Comfort Application	EC Fans	Seasonal Energy Efficiency Ratio ⁽²⁾ SEER		5.05	5.03	5.08
		Seasonal energy efficiency ⁽³⁾ η_{s,c}	%	199	198	200
Process Application	EC Fans	Seasonal Energy Performance Ratio ⁽⁴⁾ SEPR - High temperature (7°C)		6.01	5.95	5.64
		Seasonal Energy Performance Ratio (5) SEPR - Medium temperature (-8°C)		3.77	3.75	3.7
Nominal thermal performances - Heating mode						
Heating capacity ⁽¹⁾		kW	-	-	-	
Total absorbed power ⁽¹⁾		kW	-	-	-	
COP ⁽¹⁾			-	-	-	
Comfort Application	EC Fans	Seasonal Coefficient of Performance ⁽⁶⁾ SCOP		-	-	-
		Seasonal energy efficiency ⁽⁷⁾ η_{s,h}	%	-	-	-
Acoustic data						
Global sound power level - Standard unit		dB(A)	85,2	87,3	87,5	
Electrical data						
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			
Refrigeration circuit						
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	
Evaporator						
Nominal water flow rate		m³/h	27,52	29,32	33,91	
Nominal pressure drop		kPa	26	26	34	
Hydraulic connection						
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		
Weight of standard units										
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			
B		1320			1740				2650			
C		2071			2071				2071			
Weight of standard units												
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
Weight of standard units							
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
Weight of standard units						
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		
Weight of standard units										
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			2650			2650	
C		2071			2071			2071			2071	
Weight of standard units												
Basic unit	kg	679	701	730	846	932	893	932	911	1216	1340	1340



Air source version - Advanced

Cooling only units

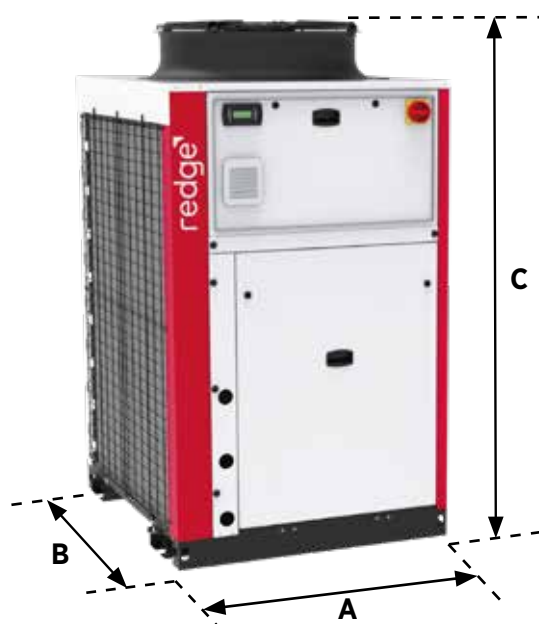
eCOMFORT - GBC		040S	060S	070S	080S	110S	120S
A	mm	1125		2250	2250		
B		1320		1320	1320		1320
C		1740	2109	1779	1779	2071	2071
Weight of standard units							
Basic unit	kg	332	367	547	640	682	721



Air source version - Advanced

Cooling only units

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





NEXT LEVEL
HVAC SOLUTIONS