



Fan coil units with BLDC motor

Designed for tomorrow, available today

As more buildings undergo renovation, the need to be able to deliver high indoor air quality in a specific space in an **economic and cost-effective way** without having to do a radical re-fit of the entire HVAC system has made fan coil technology an obvious solution.

Galx°C has a full capacity range of **aesthetically pleasing** fan coil units with advanced controls that reliably deliver **excellent comfort levels**. And by using a refined range of advanced DC fan motors, we are able to offer flexibility while maintaining very low noise levels.

Choose Galx°C fan coil units

- The new brushless DC ranges reflect Galx°C's commitment to developing highly efficient fan coil units that help to reduce energy consumption, without compromising on reliability and performance.
- Our various factory mounted options or kits provide sufficient flexibility to suit your project needs

Benefits for the installer

- › Reduced amount of sizes: less stock space needed
- › Modular designs for multiple configurations
- › Easy integration in BMS system via modbus protocol*

Benefits for the consultant

- › Best solution in the market in order to have top efficiency, best comfort and lowest sound levels

Benefits for the end user

- › High comfort level
- › Up to 70% savings on running costs
- › Controller with timer programmed operating mode

Higher efficiency than AC (alternating current) motor

- › Up to 70% energy savings
- › No heat generation
- › No power losses
- › Higher efficiency than AC motors to reach set point

High comfort level

- › Less fluctuation of air temperature and relative humidity
- › More consistent output level
- › Stepless speed change for gradual air output
- › More accurate adjustments to reach set point

Low sound levels

- › Lower minimum rotation speed
- › No start-stop sequence
- › Gradual air output

High flexibility level

- › Multiple configurations: cassettes, floorstanding units, flexi type units with or without cabinet and ducted units
- › Wide capacity range in heating and cooling
- › Different piping topologies and connection valves



GWV-2SM



GWM-2SM



GHC-2AM

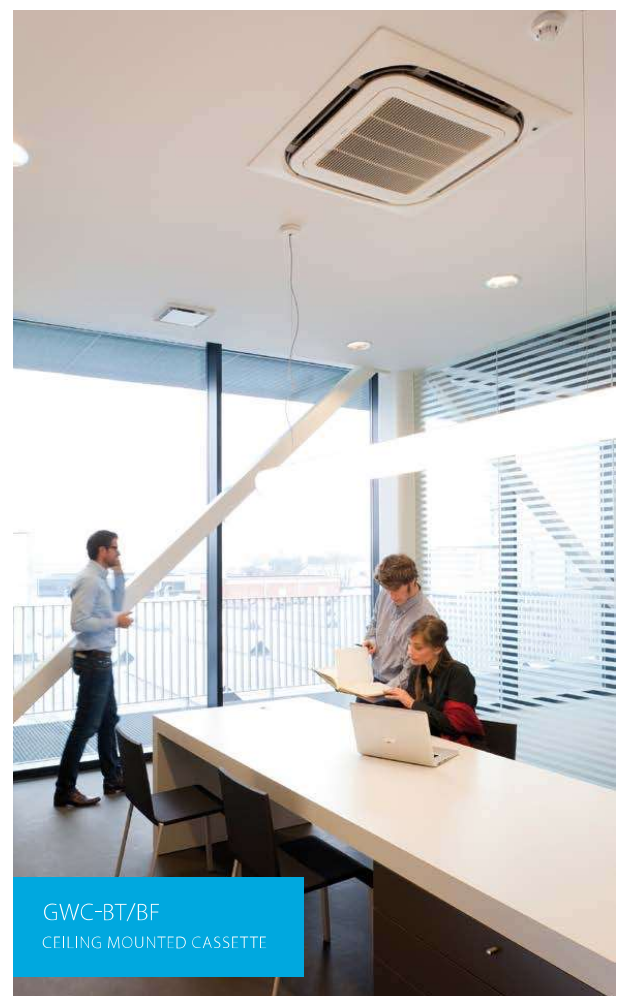


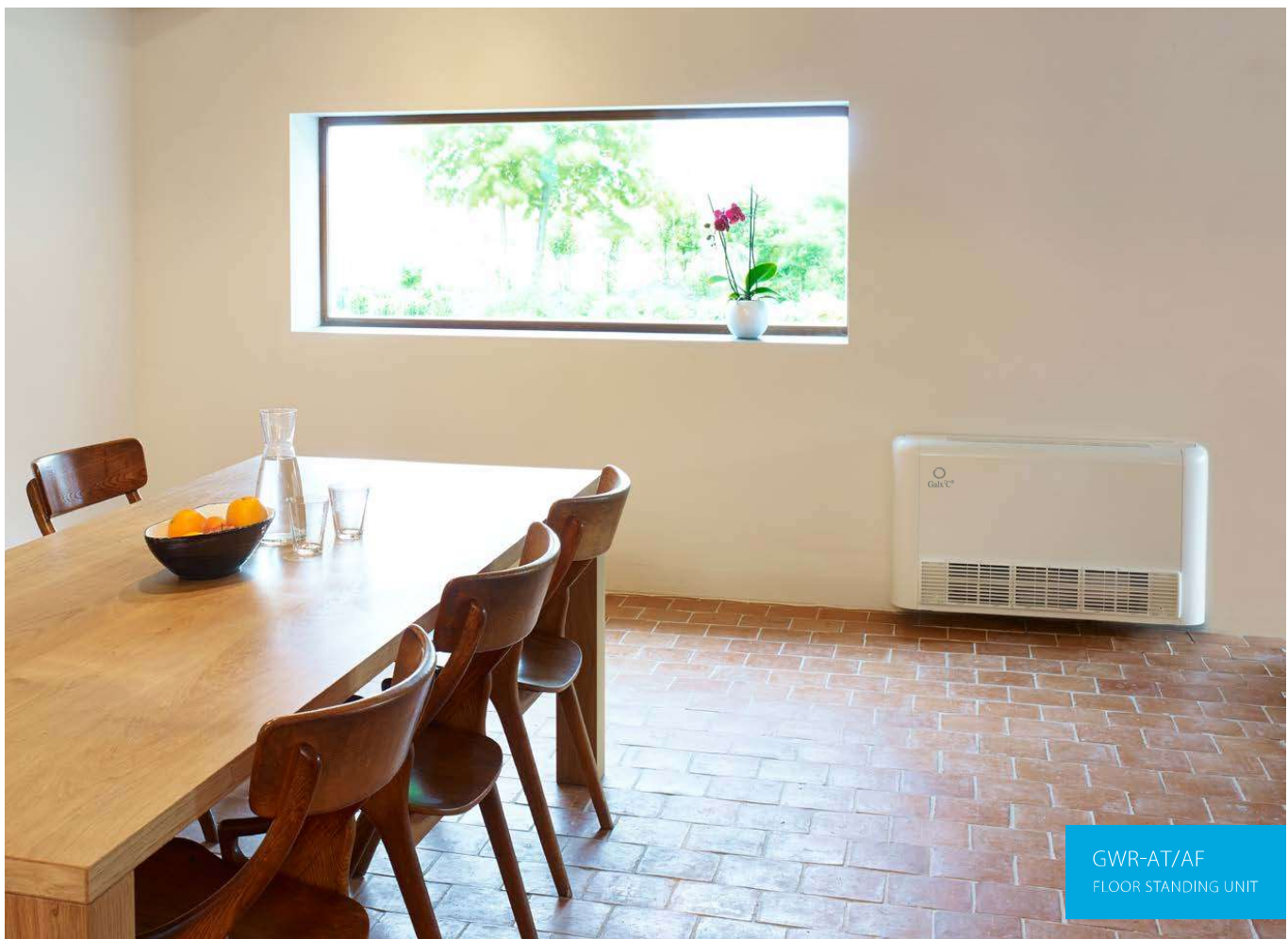
GFC-2SM



GWZ-AT/AF

Fan coil units





Product overview

Type	Model	Product name		Fan motor type
Ceiling mounted cassette	Round flow cassette - Brushless DC fan motor unit for ceiling mounting - 360° air discharge ensures uniform air flow - Integrated fresh air intake - Easy installation in corners - Standard drain pump with 850 mm head	GWC-BT/BF		BLDC
	4-way blow ceiling mounted cassette - AC fan motor unit for ceiling mounting - Integrated fresh air intake - Horizontal auto swing - Easy installation in corners - Standard drain pump with 750 mm head	GHC-2AM		AC
Floor standing unit	Floor standing unit - Brushless DC fan motor for vertical mounting - Continuous air flow regulation and fan speed modulation - Up to 70% energy savings - Low sound levels	GWZ-AT/AF		BLDC
	Floor standing unit - AC fan motor unit for horizontal or vertical concealed mounting - Insulated valve packages, no extra drain pan required - Fast-on connections for electrical options: no tools needed - Easy maintenance	GWV-2SM		AC
Flexi type unit	Flexi type unit - Brushless DC fan motor unit for horizontal or vertical mounting - Continuous air flow regulation and fan speed modulation - Up to 70% energy savings - Low sound levels	GWR-AT/AF		BLDC
	Flexi type unit - AC fan motor unit for horizontal or vertical concealed mounting - Insulated valve packages, no extra drain pan required - Fast-on connections for electrical options: no tools needed - Easy maintenance	GWL-2SM		AC
	Concealed flexi type unit - Brushless DC fan motor unit for horizontal or vertical concealed mounting - Continuous air flow regulation and fan speed modulation - Up to 70% energy savings - Low sound levels	GWS-AT/AF		BLDC
	Concealed flexi type unit - AC fan motor unit for horizontal or vertical concealed mounting - Insulated valve packages, no extra drain pan required - Fast-on connections for electrical options: no tools needed - Easy maintenance	GWM-2SM		AC
Wall mounted unit	Wall mounted unit - AC fan motor unit for wall mounting - High aesthetic cabinet design - Optimum air distribution - Easy installation - 3-speed fan motor	GWH-2AM		AC
Concealed ceiling unit	Concealed ceiling unit with medium ESP - Brushless DC fan motor unit for horizontal concealed mounting - Instant adjustment to temperature and relative humidity changes - Available static pressure up to 50 Pa - Low sound levels	GWP-AT		BLDC
	Concealed ceiling unit with medium ESP - AC fan motor unit for horizontal concealed mounting - Available static pressure up to 50 Pa - 3-speed electrical motors (thermal protection on windings) - Easy maintenance - Low sound levels (Silent version)	GFC-2SM		AC
	Concealed ceiling unit with high ESP - AC fan motor unit for horizontal or vertical concealed mounting - Available static pressure up to 120 Pa - Easy maintenance	GWD-2SM		AC

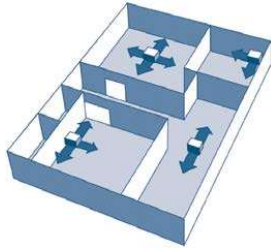
Capacity class (kW)

Capacity	1	2	3	4	5	6	7	8	9	10	11	12~	18
Cooling: 2.0 - 5.2 kW Heating: 2.9 - 6.7 kW						●	●	●	●				
Cooling: 2.49 - 4.54 kW Heating: 3.52 - 5.28 kW		●	●	●	●								
Cooling: 2.64 - 10.08 kW Heating: 2.46 - 11.18 kW		●	●			●		●					
Cooling: 1.46 - 8.02 kW Heating: 1.90 - 10.03 kW	●	●	●	●			●		●		●		
Cooling: 2.64 - 10.08 kW Heating: 2.46- 11.18 kW		●	●			●		●					
Cooling: 1.46 - 8.02 kW Heating: 1.90 - 10.03 kW	●	●	●	●		●		●		●			
Cooling: 2.64 - 10.08 kW Heating: 2.46 - 11.18 kW		●	●			●		●					
Cooling: 1.46 - 8.02 kW Heating: 1.90 - 10.03 kW	●	●	●	●		●		●		●			
Cooling: 2.43 - 5.28 kW Heating: 3.22 - 7.33 kW		●	●	●	●	●							
Cooling: 2.61 - 6.47 kW Heating: 5.47 - 12.28 kW		●	●	●	●	●	●						
Cooling: 2.86 - 12.66 kW Heating: 4.29 - 18.98 kW		●	●	●	●	●	●	●	●	●	●	●	
Cooling: 3.90 - 18.30 kW Heating: 4.05 - 21.92 kW				●		●		●		●		●	●

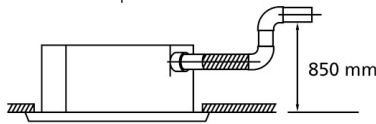
Round flow cassette

BLDC fan motor unit for ceiling mounting. 360° air discharge

- › 360° air discharge ensures **uniform air flow** and temperature distribution
- › Modern style decoration panel in white (RAL9010)
- › **Fresh air intake integrated** in the same system thus reducing installation cost as no additional ventilation is required
- › Comfortable horizontal air discharge ensures **draught free operation** and prevents ceiling soiling
- › Possibility to shut 1 or 2 flaps for **easy installation in corners**



- › Standard drain pump with **850mm head** increases flexibility and installation speed

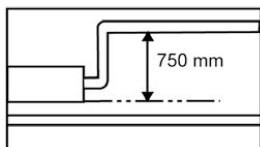


GWC-BT/BF				06	07	08	09	06	07	08	09
				2-pipe				4-pipe			
Cooling capacity	Total capacity	Super high	kW	5.8	6.8	7.7	8.7	5.8	6.6	7.6	8.7
		High	kW	5.0	5.6	6.3	7.2	4.9	5.6	6.3	7.2
		Low	kW	4.1	4.7	4.9	5.7	4.0	4.6	4.8	5.7
	Sensible capacity	Super high	kW	4.1	4.7	5.6	6.5	4.1	4.7	5.6	6.5
		High	kW	3.4	4.0	4.5	5.3	3.4	3.9	4.4	5.2
		Low	kW	2.8	3.3	3.5	4.1	2.7	3.2	3.4	4.0
Heating capacity	2-Pipe	Super high	kW	8.0	8.9	10.6	12.1	-			
		High	kW	6.3	7.1	8.3	9.5	-			
		Low	kW	5.5	5.9	6.9	7.8	-			
	4-Pipe	Super high	kW	-				7.5	8.4	9.7	11.0
		High	kW	-				6.2	6.8	7.8	8.8
		Low	kW	-				5.5	5.9	6.7	7.8
Power input	Super high	W	45	54	77	107	46	55	77	107	
	High	W	40	46	58	76	41	47	59	77	
	Low	W	34	37	39	45	35	38	40	46	
Dimensions	Unit	Height	mm	288							
		Width	mm	840							
		Depth	mm	840							
Weight	Unit	kg	26					29			
Fan	Type	Turbo fan									
	Quantity	1									
	Air flow rate	High	m³/h	1,062	1,236	1,518	1,776	1,032	1,200	1,476	1,746
	Low	m³/h	720	840	888	1,044	684	804	852	1,014	
	Super high	dBA	43	47	53	57	43	47	53	57	
Sound power level	High	dBA	36	39	44	49	36	39	44	49	
	Super high	dBA	29	33	39	43	29	33	39	43	
Sound pressure level	High	dBA	24	28	32	37	24	28	32	37	
	Piping connections	Drain	OD	VP25 (External dia.32 / internal dia. 25)							
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/220-240								
Control systems	Infrared remote control	optional									
	Wired remote control	yes									

4-way blow ceiling mounted cassette

AC fan motor unit for ceiling mounting. Possibility to shut 1 or 2 flaps

- › Modern style decoration panel in white (RAL9010)
- › Compact casing enables unit to fit flush into ceilings and match standard architectural modules
- › Comfortable horizontal auto swing ensures **draught free operation** and prevents ceiling soiling
- › **Fresh air intake integrated** in the same system thus reducing installation cost as no additional ventilation is required
- › Standard drain pump with **750mm head**



GHC-2AM				02	03	04	05	02	03	04	05
				2-pipe				4-pipe			
Cooling capacity	Total capacity	Super high	kW	2.0	3.2	4.2	5.2	2.0	2.7	3.5	4.5
		High	kW	1.7	2.8	3.3	4.0	1.7	2.3	2.8	3.5
		Low	kW	1.5	2.5		2.9	1.4	1.8		2.6
	Sensible capacity	Super high	kW	1.5	2.0	2.8	3.5	1.5	1.7	2.4	3.3
		High	kW	1.3	1.7	2.1	2.7	1.3		1.7	2.3
		Low	kW	1.1	1.4		1.8	1.1	1.0		1.5
Heating capacity	2-Pipe	Super high	kW	2.9	4.0	5.4	6.7	-			
		High	kW	2.6	3.4	4.1	5.3	-			
		Low	kW	2.3	2.8		3.6	-			
	4-Pipe	Super high	kW	-				3.9	3.8	4.9	6.1
		High	kW	-				3.1	3.3	3.9	4.8
		Low	kW	-				2.3	2.8		3.5
Power input	Super high	W	74		90	118	74		94	121	
	High	W	67		70	89	67	62	74	93	
	Low	W	60		55	62	60	55		66	
Dimensions	Unit	Height	mm	285							
		Width	mm	575							
		Depth	mm	575							
Weight	Unit	kg	19						20		
Fan	Type		Turbo fan								
	Quantity		1								
	Air flow rate	High	m³/h	468		660	876	468	438	618	822
		Low	m³/h	318			420	318	300		390
Sound power level	Super high	dBA	44		50	55	44	46	52	57	
	High	dBA	40		44	49	40	42	46	51	
Sound pressure level	Super high	dBA	31		40	45	31	33	42	47	
	High	dBA	27		33	39	27	29	35	41	
Piping connections	Drain	OD	mm	VP20 (External dia.26 / Internal dia. 20)							
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/220-440							
Control systems	Infrared remote control			GRC7E530 / GRC7E531							
	Wired remote control			GRC315D7							

Floor standing unit

BLDC fan motor unit for vertical mounting. Continuous air flow regulation and fan speed modulation

- › Up to 70% **energy savings** with brushless DC motor technology compared to traditional technology
- › **Instant adjustment** to temperature and relative humidity changes
- › **Low operating sound level**
- › Highly flexible solutions: multiple sizes, piping topologies and connection valves
- › Requires **very little installation space**



GWZ-AT/AF				02	03	06	08	02	03	06	08
Cooling capacity	Total capacity	Min.	kW	0.61	0.88	1.19	1.79	0.60	0.88	1.19	1.79
		Max.	kW	2.64	4.96	6.32	10.08	2.64	4.96	6.32	10.08
	Sensible capacity	Min.	kW	0.41	0.58	0.79	1.20	0.40	0.58	0.79	1.20
		Max.	kW	1.95	3.60	4.80	7.43	1.95	3.60	4.80	7.43
Heating capacity	2-Pipe	Min.	kW	0.69	0.95	1.29	1.92	-			
		Max.	kW	3.47	6.40	7.51	11.18	-			
	4-Pipe	Min.	kW	-				0.82	1.18	1.76	2.83
		Max.	kW	-				2.46	4.19	6.45	10.06
Power input	Min.	W	2.2		3.4	4.2	2.2		3.24	4.2	
	Max.	W	57.4	82.7	101.4	147	57.4	82.7	101.4	147	
Dimensions	Unit	Height	mm	564							
		Width	mm	774	987	1,194	1,404	774	987	1,194	1,404
		Depth	mm	226				226			
Weight	Unit	kg	20	25	31	41	21	26	33	44	
Heat exchanger	Water volume	l	0.7	1	1.4	2.1	0.7	1	1.4	2.1	
Additional heat exchanger	Water volume	l	-				0.2	0.3	0.4	0.6	
Water flow	Cooling	l/h	454	853	1,084	1,728	454	853	1,084	1,728	
	Heating	l/h	454	853	1,084	1,728	216	367	565	882	
Fan	Type		Centrifugal multi-blade, double suction								
	Quantity		1	2			1	2			
	Air flow rate	Max.	m³/h	560	900	1,200	1,660	560	900	1,200	1,660
		Min.	m³/h	70	95	130	200	70	95	130	200
Sound power level	Max.	dBA	62	70	64	71	62	70	64	71	
Piping connections	Drain	OD	mm	16							
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230							
Current input	Max.	A	0.50	0.72	0.88	1.27	0.50	0.72	0.88	1.27	
	Min.	A	0.05		0.07	0.09	0.05		0.07	0.09	
Control systems	Wired remote control		GWEC3A / GWECSA								

Floor standing unit

AC fan motor unit for vertical mounting

- › **Pre-assembled 3-way/4-port on/off valves** are available
- › **High efficiency** heat exchanger
- › Valve packages are **insulated**, no extra drain pan required
- › Valve packages contain balancing valves and sensor pocket
- › Fast-on connections for electrical options: no tools needed
- › **Washable air filter**, easily removable for maintenance
- › Electric heater: no relay up to 2kW capacity
- › Electric heater: equipped with two overheat cut-out thermostats



GWV-25M				01	15	02	25	03	35	04	06	08	10	01	15	02	25	03	35	04	06	08	10										
				2-pipe										4-pipe																			
Cooling capacity	Total capacity	High	kW	1.54	1.74	1.96	2.42	2.93	3.51	4.33	4.77	6.71	8.02	1.46	1.69	1.79	2.38	2.87	3.46	4.26	4.67	6.64	7.88										
		Low	kW	1.04	1.26	1.36	1.60	1.76	1.98	2.51	3.17	3.97	4.11	0.99	1.24	1.26	1.58	1.73	1.96	2.48	3.11	3.93	4.07										
	Sensible capacity	High	kW	1.20	1.30	1.42	1.88	2.11	2.72	3.15	3.65	4.91	5.96	1.14	1.27	1.46	1.85	2.07	2.71	3.09	3.57	4.85	5.85										
		Low	kW	0.79	0.95	1.00	1.18	1.26	1.45	1.80	2.32	2.84	3.05	0.75	0.93	0.98	1.17	1.24	1.44	1.78	2.28	2.82	3.02										
Heating capacity	2-Pipe	High	kW	2.14	2.20	2.57	3.20	3.81	4.78	5.10	5.95	7.83	10.03																				
		Low	kW	1.43	1.71	1.79	2.07	2.28	2.81	2.98	3.96	4.77	5.24																				
	4-Pipe	High	kW											1.90	2.02	2.01	2.92	3.08	4.80	5.05	5.30	7.91	8.35										
		Low	kW											1.50	1.56	2.06	2.18	3.21	3.60	4.04	5.69	5.50											
Power input	High		W	37	53	57	56	98				182	244	37	53	57	56	98				182	244										
	Low		W	21	25	24	29	37	38	47	86	109	21	25	24	29	37	38	47	86	109												
Dimensions	Unit	Height	mm	564																													
		Width	mm	774				987				1,194				1,404				774				987				1,194				1,404	
		Depth	mm	226						251						226						251											
Weight	Unit		kg	19	20	25		30		31	41	20	21	26		32		33	44														
Heat exchanger	Water volume		l	0.5		0.7		1		1.4		2.1		0.5		0.7		1		1.4		2.1											
Additional heat exchanger	Water volume		l											0.2				0.3				0.4				0.6							
Water flow	Cooling		l/h	264	298	337	415	504	602	743	818	1,152	1,376	250	291	176	409	494	594	730	803	1,138	1,362										
	Heating		l/h	264	298	337	415	504	602	743	818	1,152	1,376	167	177	182	257	270	421	443	465	694	733										
Fan	Type			Centrifugal multi-blade, double suction																													
	Quantity			1				2								1				2													
	Air flow rate	High	m³/h	319	344	442		640	706	785	1,011	1,393	307	330	327	432	431	628	690	763	998	1,362											
Low		m³/h	178	211	241		320	361	470	570	642	174	205	238		316	356	460	565	636													
Sound power level	High		dB(A)	47	49	50	48	52	53	56	61	67	45	49	50	48	47	51	56	59	60	66											
Piping connections	Drain	OD	mm	16																													
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230																													
Current input	High		A	0.17	0.24	0.26	0.25	0.44	0.43	0.82	1.10	0.17	0.24	0.26	0.25	0.44	0.43	0.82	1.10														
	Medium		A	0.13	0.16	0.21	0.20	0.29	0.31	0.57	0.76	0.13	0.16	0.21	0.20	0.29	0.31	0.57	0.76														
	Low		A	0.10	0.12	0.11	0.14	0.19	0.22	0.39	0.50	0.10	0.12	0.11	0.14	0.19	0.22	0.39	0.50														
Control systems	Wired remote control			GWEC1A / GWEC2A / GWEC3A / GWEC3A / GCFWMB6																													

Flexi type unit with cabinet

BLDC fan motor unit for horizontal or vertical mounting.
Continuous air flow regulation and fan speed modulation

- › Up to 70% **energy savings** with brushless DC motor technology compared to traditional technology
- › **Instant adjustment** to temperature and relative humidity changes
- › **Low operating sound level**
- › Highly flexible solutions: multiple sizes, piping topologies and connection valves
- › Requires very **little installation space**



GWR-AT/AF				02	03	06	08	02	03	06	08
				2-pipe				4-pipe			
Cooling capacity	Total capacity	Min.	kW	0.61	0.88	1.19	1.79	0.60	0.88	1.19	1.79
		Max.	kW	2.64	4.96	6.32	10.08	2.64	4.96	6.32	10.08
	Sensible capacity	Min.	kW	0.41	0.58	0.79	1.20	0.40	0.58	0.79	1.20
		Max.	kW	1.95	3.60	4.80	7.43	1.95	3.60	4.80	7.43
Heating capacity	2-Pipe	Min.	kW	0.69	0.95	1.29	1.92	-			
		Max.	kW	3.47	6.40	7.51	11.18	-			
	4-Pipe	Min.	kW	-				0.82	1.18	1.76	2.83
		Max.	kW	-				2.46	4.19	6.45	10.06
Power input	Min.		W	2.2		3.4	4.2	2.2		3.24	4.2
	Max.		W	57.4	82.7	101.4	147	57.4	82.7	101.4	147
Dimensions	Unit	Height	mm	564							
		Width	mm	774	987	1,194	1,404	774	987	1,194	1,404
		Depth	mm	251				226			
			mm								
Weight	Unit		kg	21	27	33	44	22	28	35	46
Heat exchanger	Water volume		l	0.7	1	1.4	2.1	0.7	1	1.4	2.1
Additional heat exchanger	Water volume		l	-				0.2	0.3	0.4	0.6
Water flow	Cooling		l/h	454	853	1,084	1,728	454	853	1,084	1,728
	Heating		l/h	454	853	1,084	1,728	216	367	565	882
Fan	Type			Centrifugal multi-blade, double suction							
	Quantity			1	2			2			
	Air flow rate	Max.	m³/h	560	900	1,200	1,660	560	900	1,200	1,660
		Min.	m³/h	70	95	130	200	70	95	130	200
Sound power level	Max.		dBA	62	70	64	71	62	70	64	71
Power supply	Phase/Frequency/Voltage			1~/50/230							
Current input	Max.		A	0.50	0.72	0.88	1.27	0.50	0.72	0.88	1.27
	Min.		A	0.05		0.07	0.09	0.05		0.07	0.09
Control systems	Wired remote control			GWEC3A / GWEC3A							

Flexi type unit with cabinet

AC fan motor unit for horizontal or vertical mounting

- › **Pre-assembled 3-way/4-port on/off valves** are available
- › **High efficiency** heat exchanger
- › Valve packages are **insulated**, no extra drain pan required
- › Valve packages contain balancing valves and sensor pocket
- › Fast-on connections for electrical options: no tools needed
- › **Washable air filter**, easily removable for maintenance
- › Electric heater: no relay up to 2kW capacity
- › Electric heater: equipped with two overheat cut-out thermostats



GWL-2SM				01	15	02	25	03	35	04	06	08	10	01	15	02	25	03	35	04	06	08	10															
				2-pipe										4-pipe																								
Cooling capacity	Total capacity	High	kW	1.54	1.74	1.96	2.42	2.93	3.51	4.33	4.77	6.71	8.02	1.46	1.69	1.79	2.38	2.87	3.46	4.26	4.67	6.64	7.88															
		Low	kW	1.04	1.26	1.36	1.60	1.76	1.98	2.51	3.17	3.97	4.11	0.99	1.24	1.26	1.58	1.73	1.96	2.48	3.11	3.93	4.07															
	Sensible capacity	High	kW	1.20	1.30	1.42	1.88	2.11	2.72	3.15	3.65	4.91	5.96	1.14	1.27	1.46	1.85	2.07	2.71	3.09	3.57	4.85	5.85															
		Low	kW	0.79	0.95	1.00	1.18	1.26	1.45	1.80	2.32	2.84	3.05	0.75	0.93	0.98	1.17	1.24	1.44	1.78	2.28	2.82	3.02															
Heating capacity	2-Pipe	High	kW	2.14	2.20	2.57	3.20	3.81	4.78	5.10	5.95	7.83	10.03																									
		Low	kW	1.43	1.71	1.79	2.07	2.28	2.81	2.98	3.96	4.77	5.24																									
	4-Pipe	High	kW											1.90	2.02	2.01	2.92	3.08	4.80	5.05	5.30	7.91	8.35															
		Low	kW											1.50	1.56	2.06	2.18	3.21	3.60	4.04	5.69	5.50																
Power input	High	W	37	53			57	56	98			182		244	37	53		57	56	98			182	244														
	Low	W	21	25	24	29		37	38	47	86			109	21	25	24	29		37	38	47	86	109														
Dimensions	Unit	Height	mm	564																																		
		Width	mm	774				987				1,194				1,404				774				987				1,194				1,404						
		Depth	mm					226								251				226								251										
Weight	Unit	kg	20	21			27			32			33			44	21	22			28			24	34	35	46											
Heat exchanger	Water volume	l	0.5			0.7			1			1.4			2.1			0.5			0.7			1			1.4			2.1								
Additional heat exchanger	Water volume	l											-										0.2				0.3				0.4				0.6			
Water flow	Cooling	l/h	264	298	337	415	504	602	743	818	1,152	1,376	250	291	176	409	494	594	730	803	1,138	1,362																
	Heating	l/h	264	298	337	415	504	602	743	818	1,152	1,376	167	177	182	257	270	421	443	465	694	733																
Fan	Type	Centrifugal multi-blade, double suction																																				
	Quantity	1					2					1					2																					
	Air flow rate	High	m³/h	319	344			442			640	706	785	1,011	1,393	307	330	327	432	431	628	690	763	998	1,362													
		Low	m³/h	178	211			241			320	361	470	570	642	174	205			238			316	356	460	565	636											
Sound power level	High	dB(A)	47	49	50	48			52	53	56	61	67	45	49	50	48	47	51	56	59	60	66															
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/230																																			
Current input	High	A	0.17	0.24			0.26	0.25	0.44			0.43	0.82	1.10	0.17	0.24			0.26	0.25	0.44			0.43	0.82	1.10												
	Medium	A	0.13	0.16			0.21	0.20	0.29			0.31	0.57	0.76	0.13	0.16			0.21	0.20	0.29			0.31	0.57	0.76												
	Low	A	0.10	0.12	0.11	0.14			0.19			0.22	0.39	0.50	0.10	0.12	0.11	0.14			0.19			0.22	0.39	0.50												
Control systems	Wired remote control	GWEC1A / GWEC2A / GWEC3A / GWEC3A / GCFWMB6																																				

Flexi type unit without cabinet

BLDC fan motor unit for horizontal or vertical concealed mounting. Continuous air flow regulation and fan speed modulation

- › **Blends unobtrusively** with any interior décor: only the suction and discharge grilles are visible
- › Up to 70% **energy savings** with brushless DC motor technology compared to traditional technology
- › **Instant adjustment** to temperature and relative humidity changes
- › **Low operating sound level**
- › Highly flexible solutions: multiple sizes, piping topologies and connection valves



GWS-AT/AF				02	03	06	08	02	03	06	08
				2-pipe				4-pipe			
Cooling capacity	Total capacity	Min.	kW	0.61	0.88	1.19	1.79	0.60	0.88	1.19	1.79
		Max.	kW	2.64	4.96	6.32	10.08	2.64	4.96	6.32	10.08
	Sensible capacity	Min.	kW	0.41	0.58	0.79	1.20	0.40	0.58	0.79	1.20
		Max.	kW	1.95	3.60	4.80	7.43	1.95	3.60	4.80	7.43
Heating capacity	2-Pipe	Min.	kW	0.69	0.95	1.29	1.92	-			
		Max.	kW	3.47	6.40	7.51	11.18	-			
	4-Pipe	Min.	kW	-				0.82	1.18	1.76	2.83
		Max.	kW	-				2.46	4.19	6.45	10.06
Power input	Min.	W	2.2		3.4	4.2	2.2		3.24	4.2	
	Max.	W	57.4	82.7	101.4	147	57.4	82.7	101.4	147	
Dimensions	Unit	Height	mm	535							
		Width	mm	584	794	1,004	1,214	584	794	1,004	1,214
		Depth	mm	224				249			
Weight	Unit	kg	15	19	23	32	16	20	25	34	
Heat exchanger	Water volume	l	0.7	1	1.4	2.1	0.7	1	1.4	2.1	
Additional heat exchanger	Water volume	l	-					0.2	0.3	0.4	0.6
Water flow	Cooling	l/h	454	853	1,084	1,728	454	853	1,084	1,728	
	Heating	l/h	454	853	1,084	1,728	216	367	565	882	
Fan	Type		Centrifugal multi-blade, double suction								
	Quantity		1	2				1	2		
	Air flow rate	Max.	m³/h	560	900	1,200	1,660	560	900	1,200	1,660
		Min.	m³/h	70	95	130	200	70	95	130	200
Sound power level	Max.	dBA	62	70	64	71	62	70	64	71	
Piping connections	Drain	OD	mm	17							
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230							
Current input	Max.	A	0.50	0.72	0.88	1.27	0.50	0.72	0.88	1.27	
	Min.	A	0.05		0.07	0.09	0.05		0.07	0.09	
Control systems	Wired remote control		GWEC3A / GWEC3A								

Flexi type unit without cabinet

AC fan motor unit for horizontal or vertical concealed mounting

- › **Pre-assembled 3-way/4-port on/off valves** are available
- › **High efficiency** heat exchanger
- › Valve packages are **insulated**, no extra drain pan required
- › Valve packages contain balancing valves and sensor pocket
- › Fast-on connections for electrical options: no tools needed
- › **Washable air filter**, easily removable for maintenance
- › Electric heater: no relay up to 2kW capacity
- › Electric heater: equipped with two overheat cut-out thermostats



GWM-25M				01	15	02	25	03	35	04	06	08	10	01	15	02	25	03	35	04	06	08	10												
				2-pipe										4-pipe																					
Cooling capacity	Total capacity	High	kW	1.54	1.74	1.96	2.42	2.93	3.51	4.33	4.77	6.71	8.02	1.46	1.69	1.79	2.38	2.87	3.46	4.26	4.67	6.64	7.88												
		Low	kW	1.04	1.26	1.36	1.60	1.76	1.98	2.51	3.17	3.97	4.11	0.99	1.24	1.26	1.58	1.73	1.96	2.48	3.11	3.93	4.07												
	Sensible capacity	High	kW	1.20	1.30	1.42	1.88	2.11	2.72	3.15	3.65	4.91	5.96	1.14	1.27	1.46	1.85	2.07	2.71	3.09	3.57	4.85	5.85												
		Low	kW	0.79	0.95	1.00	1.18	1.26	1.45	1.80	2.32	2.84	3.05	0.75	0.93	0.98	1.17	1.24	1.44	1.78	2.28	2.82	3.02												
Heating capacity	2-Pipe	High	kW	2.14	2.20	2.57	3.20	3.81	4.78	5.10	5.95	7.83	10.03																						
		Low	kW	1.43	1.71	1.79	2.07	2.28	2.81	2.98	3.96	4.77	5.24																						
	4-Pipe	High	kW																																
		Low	kW																																
Power input	High	W	37	53		57	56	98			182	244	37	53		57	56	98			182	244													
	Low	W	21	25	24	29		37	38	47	86	109	21	25	24	29		37	38	47	86	109													
Dimensions	Unit	Height	mm	535																															
		Width	mm	584				794				1,004				1,214				584				794				1,004				1,214			
		Depth	mm	224								249								224								249							
Weight	Unit	kg	14	15		19		23				32				15	16		20				25				34								
Heat exchanger	Water volume	l	0.5		0.7		1		1.4			2.1			0.5		0.7		1		1.4			2.1											
Additional heat exchanger	Water volume	l											0.2				0.3				0.4				0.6										
Water flow	Cooling	l/h	264	298	337	415	504	602	743	818	1,152	1,376	250	291	176	409	494	594	730	803	1,138	1,362													
	Heating	l/h	264	298	337	415	504	602	743	818	1,152	1,376	167	177	182	257	270	421	443	465	694	733													
Fan	Type	Centrifugal multi-blade, double suction																																	
	Quantity	1				2								1				2																	
	Air flow rate	High	m³/h	319	344	442		640	706	785	1,011	1,393	307	330	327	432	431	628	690	763	998	1,362													
Sound power level	High	dBA	47	49	50	48		52	53	56	61	67	45	49	50	48	47	51	56	59	60	66													
	Low	m³/h	178	211		241		320	361	470	570	642	174	205		238		316	356	460	565	636													
Piping connections	Drain	OD	mm	17																															
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/230																																
Current input	High	A	0.17	0.24		0.26	0.25	0.44		0.43	0.82	1.10	0.17	0.24		0.26	0.25	0.44		0.43	0.82	1.10													
	Medium	A	0.13	0.16		0.21	0.20	0.29		0.31	0.57	0.76	0.13	0.16		0.21	0.20	0.29		0.31	0.57	0.76													
	Low	A	0.10	0.12	0.11	0.14		0.19		0.22	0.39	0.50	0.10	0.12	0.11	0.14		0.19		0.22	0.39	0.50													
Control systems	Wired remote control	FWEC1A / FWEC2A / FWEC3A / FWEC3A																																	

Wall mounted unit

AC fan motor unit for wall mounting

- › High **aesthetic cabinet design**
- › **Optimum air distribution**
- › Easy to install
- › 3-speed fan motor
- › **Low operating sound level** thanks to tangential fan
- › Insulated with self-extinguishing class 1 heat insulation
- › Removable washable air filter (self-extinguishing class 1)



GWH-2AM				02		03		04		05		06	
				2-pipe									
Cooling capacity	Total capacity	High	kW	2.43	2.70		3.31		4.54		5.28		
		Low	kW	2.11	2.23		2.78		3.81		4.40		
	Sensible capacity	High	kW	1.85	2.02		2.64		3.43		4.10		
		Low	kW	1.49	1.61		2.05		2.81		3.28		
Heating capacity	2-Pipe	High	kW	3.22	3.52		4.40		6.01		7.33		
		Low	kW	2.49	2.70		3.37		4.84		5.86		
Power input	High	W		31	32		42		53		72		
	Low	W		25	29		33		42		60		
Dimensions	Unit	Height	mm	288					310				
		Width	mm	800					1,065				
		Depth	mm	206					224				
Weight	Unit	kg		9					14				
	Operation weight	kg		9.5	9.6		15						
Heat exchanger	Water volume		l	0.52	0.58				0.95				
Water flow	Cooling	l/h		420	460		570		780		910		
	Heating	l/h		420	460		570		780		910		
Fan	Type		Cross flow fan										
	Quantity		1										
	Air flow rate	High	m³/h	442	476		629		866		1,053		
		Low	m³/h	340	374		442		663		782		
Sound power level	High	dBA		45	48		55		59				
Sound pressure level	High	dBA		34	35		42		46				
Piping connections	Drain	OD		mm	19								
Water connections	Std. heat exchanger			inch	1/2								
Power supply	Phase/Frequency/Voltage			Hz/V	/-/-								
Current input	High	A		0.19	0.20		0.21		0.29		0.34		
	Medium	A		0.18	0.20				0.26		0.32		
	Low	A		0.17	0.19				0.25		0.31		
Control systems	Infrared remote control			GRC-HPC									
	Wired remote control			GERCA / GRC-HPA									



Medium ESP ducted unit

BLDC fan motor unit for horizontal concealed mounting.
Continuous air flow regulation and fan speed modulation

- › **Blends unobtrusively** with any interior décor: only the suction and discharge grills are visible
- › Up to 50% **energy savings** with brushless DC motor technology compared to traditional technology
- › **Instant adjustment** to temperature and relative humidity changes
- › **Low operating sound level**
- › Highly flexible solutions: multiple sizes, piping topologies and connection valves



GWP-AT				02	03	04	05	06	07
				2-pipe					
Cooling capacity	Total capacity	High	kW	2.61	3.14	3.49	5.08	5.45	6.47
		Low	kW	1.34	1.5	1.67	2.12	2.43	2.67
	Sensible capacity	High	kW	1.88	2.16	2.34	3.6	3.87	4.4
		Low	kW	0.95	1.02	1.1	1.52	1.67	1.78
Heating capacity	2-Pipe	High	kW	5.47	6.01	6.47	10.31	11.39	12.28
		Low	kW	2.77	2.91	3.00	4.56	4.77	4.94
	4-Pipe	High	kW		3.14			5.99	
		Low	kW		1.95			3.38	
Power input	High		W		46.4			80	
	Low		W		12.2			17.5	
Dimensions	Unit	Height	mm			239			
		Width	mm		1,039			1,389	
		Depth	mm			609			
Weight	Unit		kg	23	24	26	31	33	35
	Operation weight		kg	24	26	28	33	35	38
Heat exchanger	Water volume		l	1.1	1.5	2.2	1.6	2.1	3.2
Additional heat exchanger	Water volume		l		0.4			0.6	
Water flow	Cooling		l/h	448	539	598	873	936	1,111
	Heating		l/h	480	527	567	904	999	1,077
	Additional heat exchanger		l/h		275			526	
Water pressure drop	Additional heat exchanger		kPa		3			5	
Fan	Type			Centrifugal - forward blades - directly coupled on fan motor					
	Quantity			1					
	Air flow rate	High	m ³ /h		400			800	
		Low	m ³ /h		180			300	
Sound power level	Available pressure	High	Pa		71			65	
			dBA		55.6			60.6	
Sound pressure level	High		dBA		44.1			49.1	
Electric heater	Power input		kW		2			2.5	
Piping connections	Drain	OD	mm			16			
Water connections	Std. heat exchanger		inch			3/4			
	Add. heat exchanger		inch			3/4			
Power supply	Phase/Frequency/Voltage		Hz/V			1~/50/230			
Control systems	Wired remote control					GWEC3A / GWEC5A			

Medium ESP ducted unit

Silent Version

AC fan motor unit for horizontal concealed mounting

- › **Compact dimensions**, can easily be mounted in a narrow ceiling void
- › 3, 4 or 6 stage row cooling coil
- › Drain pan to collect the condensate from: heat exchanger and regulating valves
- › **3-speed electrical motors** (with thermal protection on windings)
- › All 3 speeds **pre-wired in the factory** in the terminal block of the switch box
- › **Washable air filter**, easily removable for maintenance



GFC-2SM				300	400	600	800	1000	1200	1400
				2-pipe						
Cooling capacity	Total capacity	High	kW	2.86	3.67	5.45	7.25	9.10	10.91	12.66
		Low	kW	1.86	2.38	3.54	4.71	5.91	7.09	8.22
	Sensible capacity	High	kW	2.57	3.11	4.77	6.41	7.28	8.72	10.15
		Low	kW	1.67	2.02	3.11	4.12	4.72	5.67	6.58
Heating capacity	2-Pipe	High	kW	4.29	5.51	8.17	10.87	13.66	16.36	18.98
		Low	kW	2.79	3.58	5.31	7.07	8.87	10.63	12.34
	4-Pipe	High	kW	3.14	5.52	5.99	12.82	14.34	16.15	17.35
		Low	kW	1.95	3.16	3.38	7.67	9.11	10.74	11.84
Power input	High	W	40	50	60	70	100	120	140	
	Low	W	20	24	28	43	68	78	88	
Dimensions	Unit	Height	mm	249						
		Width	mm	506						
		Depth	mm	710	860	1,000	1,100	1,380	1,530	1,780
Weight	Unit	kg	11.8	14.2	17.3	18.8	25.9	29.1	33.1	
	Operation weight	kg	13.9	16.7	20.5	22.0	30.0	33.6	37.9	
Heat exchanger	Water volume	l	2.1	2.5	2.8	3.2	4.1	4.5	4.8	
Additional heat exchanger	Water volume	l	0.4		0.6		1.6			
Water flow	Cooling	l/h	492	632	938	1,247	1,566	1,878	2,177	
	Heating	l/h	520	669	980	1,297	1,628	1,934	2,220	
	Additional heat exchanger	l/h	285		626		1,420			
	Water pressure drop	kPa	25	26	28	30	36	38	40	
Fan	Type		Centrifugal - forward blades - directly coupled on fan motor							
	Quantity		1	2						4
	Air flow rate	High	m³/h	538	691	1,205	1,363	1,712	2,051	2,380
		Low	m³/h	296	380	564	750	942	1,128	1,309
	Available pressure	High	Pa	20			22		25	
Sound power level	High	dBA	50	51	52	56	58	60	62	
Sound pressure level	High	dBA	39	40	42	44	46	48	50	
Electric heater(option)	Power input	kW	2.0		2.5		3.0		3.5	
Piping connections	Drain	OD	mm	16						
Water connections	Std. heat exchanger	inch	3/4							
	Add. heat exchanger	inch	3/4							
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/230							
Control systems	Wired remote control		GWEC1A / GWEC2A / GWEC3A / GWEC5A							

High ESP ducted unit

AC fan motor unit for horizontal or vertical concealed mounting

- › Straight duct connector mounted to discharge side
- › **Washable air filter**, easily removable for maintenance



GWD-2SM				04	06	08	10	12	16	18	04	06	08	10	12	16	18		
				2-pipe							4-pipe								
Cooling capacity	Total capacity	High	kW	3.90	6.20	7.80	8.82	11.90	16.40	18.30	3.90	6.20	7.80	8.82	11.90	16.40	18.30		
	Sensible capacity	High	kW	3.08	4.65	6.52	7.16	9.36	12.80	14.10	3.08	4.65	6.52	7.16	9.36	12.80	14.10		
Heating capacity	2-Pipe	High	kW	4.05	7.71	9.43	10.79	14.45	19.81	21.92	-								
	4-Pipe	High	kW	-							4.49	6.62	9.21	15.86	21.15				
Power input	High		W	234	349	443	714	1,197			234	349	443	714	1,197				
	Low		W	130	247	261	328	704			130	247	261	328	704				
Dimensions	Unit	Height	mm	280				352				280				352			
		Width	mm	754	964	1,174		1,384		754	964	1,174		1,384					
		Depth	mm	559				718				559				718			
Weight	Unit		kg	33	41	47	49	65	77	80	35	43	50	52	71	83	86		
Heat exchanger	Water volume		l	1.06	1.42	1.79	2.38	2.5	4.02	5.03	1.06	1.42	1.79	2.38	2.50	4.02	5.03		
Additional heat exchanger	Water volume		l	-							0.35	0.47	0.59	1.42	1.72				
Water flow	Cooling		l/h	674	1,064	1,339	1,514	2,056	2,833	3,140	674	1,064	1,339	1,514	2,056	2,833	3,140		
	Heating		l/h	674	1,064	1,339	1,514	2,056	2,833	3,140	349	581	808		1,392	1,856			
Fan	Type			Centrifugal multi-blade, double suction															
	Quantity			1	2					1	2								
	Air flow rate	High	m³/h	800	1,250	1,600	2,200	3,000		800	1,250	1,600	2,200	3,000					
	Available pressure	High	Pa	66	58	68	64	97	145	134	63	53	63	59	92	138	128		
Sound power level	High		dBA	66	69	72	74	78			66	69	72	74	78				
Piping connections	Drain	OD	mm	16															
Water connections	Std. heat exchanger		inch	3/4				1			3/4				1				
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230															
Current input	High		A	0.95	1.58	1.97	3.21	5.37	0.95	1.58	1.97	3.21	5.37						
	Medium		A	0.74	1.39	1.52	2.08	4.38	0.74	1.39	1.52	2.08	4.38						
	Low		A	0.57	1.18	1.20	1.50	3.26	0.57	1.18	1.20	1.50	3.26						
Control systems	Wired remote control			GWEC1A / GWEC2A / GWEC3A / GWEC5A															

