

# Fan coil units

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## Fan coil units with BLDC motor

As more buildings undergo renovation, the need to be able to deliver high indoor air quality in a specific space in an **efficient 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.

Daikin 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.

## Why choose Daikin fan coil units?

- The new brushless DC ranges reflect Daikin's commitment to developing highly efficient fan coil units that help to reduce energy consumption, without compromising on reliability and performance.
- High level quality is written large for us and we are pleased to offer high technology solutions to the market.

### 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
- › Product flexibility: wide range of options, accessories and controls

### Benefits for the end user

- › High comfort level
- › Up to 70% savings on running costs with a BLDC fan motor
- › Controller with timer programmed operating mode
- › FWESCA controller that can satisfy all customer requirements in terms of FCU management

## Fan coil unit software

Select your unit via our selection software

- › Selection logic is based on cooling and/or heating mode conditions entered by the user
- › A detailed report including technical specifications can be printed.

Download the software from the business portal. Fan coil selection is available in the software finder.

## BIM objects

Our Fan Coils units are available as BIM objects in Revit format, which means they can be used in Autodesk REVIT MEP and in AutoCAD 2D files.

**Visit our BIM Application Suite** 



## BLDC fan motors Video

Learn more on the advantages of BLDC fan motors in Fan coil units:



**Check on**  
**You**Tube

[www.youtube.com/  
DaikinEurope](http://www.youtube.com/DaikinEurope)

## Benefits of brushless inverter technology on fan coil units:

### Higher efficiency than AC (Alternative 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



FWN-AT/AF



FWR-AT/AF



FWS-AT/AF



FWC-BT/BF



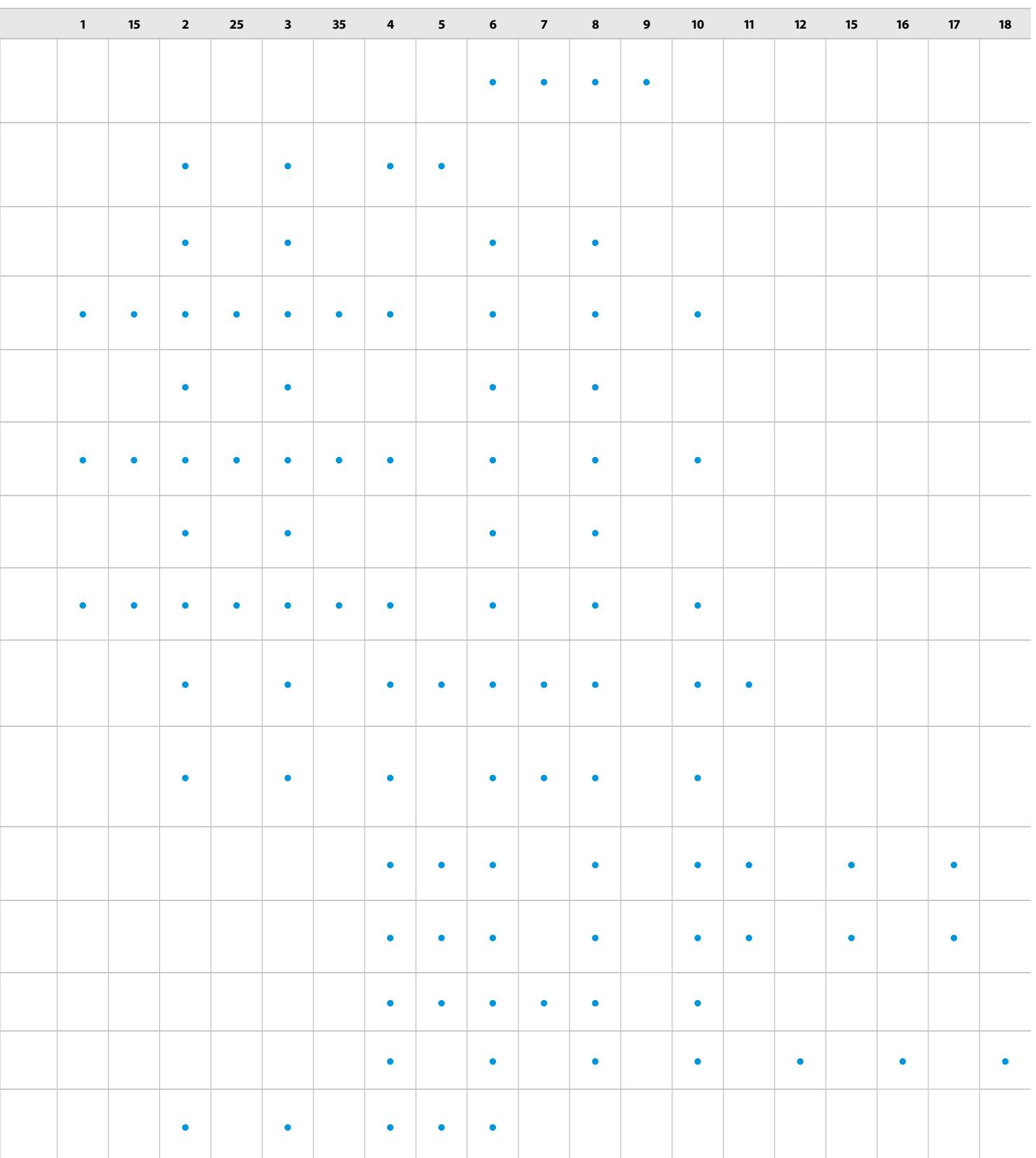
FWP-CT/CF



FWZ-AT/AF

# Products overview

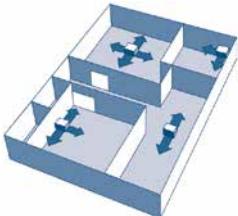
Type	Model	Product name	Fan motor type	Capacity
Round flow cassette	<b>Round flow cassette</b> - 900 x 900 cassette - 360° air discharge ensures uniform air flow - Integrated fresh air intake - Easy installation in corners - Standard drain pump with 850 mm lift	 FWC-BT/BF	BLDC	Cooling: 4.0 - 8.7 kW Heating: 4.8 - 10.6 kW
4-way blow ceiling mounted cassette	<b>4-way blow ceiling mounted cassette</b> - 600 x 600 cassette - Integrated fresh air intake - Horizontal auto swing - Easy installation in corners - Standard drain pump with 750 mm lift	FWF-BT/BF	AC	Cooling: 1.4 - 4.9 kW Heating: 2.3 - 5.6 kW
Floor standing units	<b>Floor standing unit</b> - For vertical mounting - Continuous air flow regulation and fan speed modulation - Up to 70% energy savings - Low sound levels	FWZ-AT/AF	BLDC	Cooling: 2.64 - 10.08 kW Heating: 2.46 - 11.18 kW
Flexi type units	<b>Floor standing unit</b> - 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	FWV-DAT/DAF	AC	Cooling: 1.46 - 8.02 kW Heating: 1.90 - 10.03 kW
	<b>Flexi type unit</b> - For horizontal or vertical mounting - Continuous air flow regulation and fan speed modulation - Up to 70% energy savings - Low sound levels	FWR-AT/AF	BLDC	Cooling: 2.64 - 10.08 kW Heating: 2.46 - 11.18 kW
Flexi type units	<b>Flexi type unit</b> - 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	FWL-DAT/DAF	AC	Cooling: 1.46 - 8.02 kW Heating: 1.90 - 10.03 kW
	<b>Concealed flexi type unit</b> - For horizontal or vertical concealed mounting - Continuous air flow regulation and fan speed modulation - Up to 70% energy savings - Low sound levels	FWS-AT/AF	BLDC	Cooling: 2.64 - 10.08 kW Heating: 2.46 - 11.18 kW
Ducted units	<b>Concealed flexi type unit</b> - 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	FWM-DAT/DAF	AC	Cooling: 1.46 - 8.02 kW Heating: 1.90 - 10.03 kW
	<b>Concealed flexi type</b> - For horizontal or vertical concealed mounting - Available static pressure up to 30 Pa - Easy installation and maintenance - 5/6 speed fan motor - High power air flow	FWE-DT/DF	AC	Cooling: 1.2 - 5.6 kW Heating: 1.3 - 6.3 kW
Wall mounted unit	<b>Ducted unit with low ESP</b> - For horizontal concealed mounting - Available static pressure up to 30 Pa - Easy installation and maintenance - 4-speed fan motor - High power air flow	FWE-CT/CF	AC	Cooling: 2.10 - 9.96 kW Heating: 2.7 - 11.5 kW
	<b>Ducted unit with medium ESP</b> - For horizontal concealed mounting - Instant adjustment to temperature and relative humidity changes - Available static pressure up to 70 Pa - Low sound levels	FWP-CT/CF	BLDC	Cooling: 1.97 - 8.28 kW Heating: 1.99 - 8.46 kW
	<b>Ducted unit with medium ESP</b> - For horizontal concealed mounting - Available static pressure up to 60 Pa - 7-speed electrical motors (thermal protection on windings) - Easy maintenance	FWB-CT/CF	AC	Cooling: 1.90 - 8.12 kW Heating: 1.99 - 8.46 kW
	<b>Ducted unit with high ESP</b> - For horizontal or vertical concealed mounting - Available static pressure up to 70 Pa - Easy maintenance	FWN-AT/AF	BLDC	Cooling: 2.83 - 8.75 kW Heating: 3.63 - 18.10 kW
Wall mounted unit	<b>Ducted unit with high ESP</b> - For horizontal or vertical concealed mounting - Available static pressure from 60 up to 145 Pa - Easy maintenance	FWD-AT/AF	AC	Cooling: 3.90 - 18.30 kW Heating: 4.05 - 21.92 kW
	<b>Wall mounted unit</b> - High aesthetic cabinet design - Optimum air distribution - Easy installation - 3-speed fan motor	FWT-GT	AC	Cooling: 2.43 - 5.28 kW Heating: 3.22 - 7.33 kW



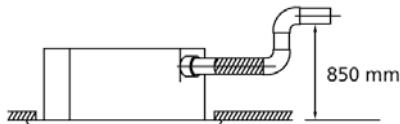
# Round flow cassette

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)
- > Optional fresh air intake
- > Comfortable horizontal air discharge ensures draughtfree operation and prevents ceiling soiling



- > Possibility to shut 1 or 2 flaps for easy installation in corners
- > Standard drain pump with 850mm lift increases flexibility and installation speed



More details and final information can be found by scanning or clicking the QR codes.



FWC-BT



FWC-BF

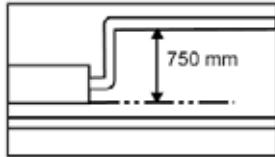
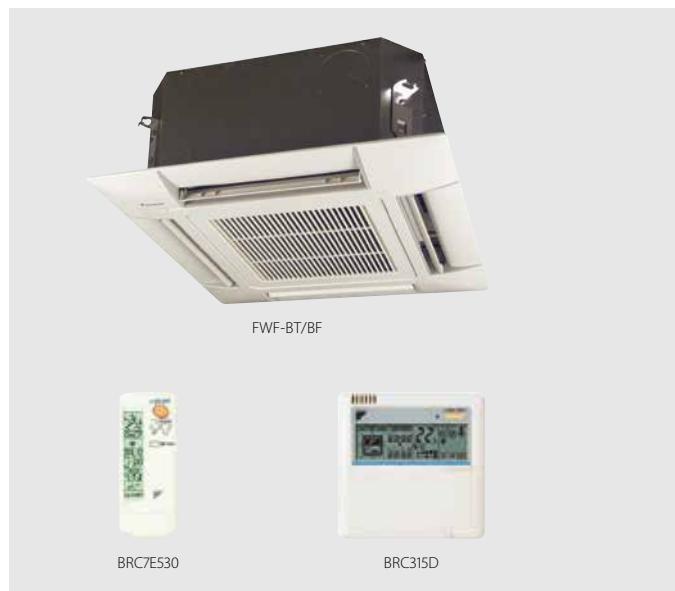
Indoor unit			FWC-BT/BF		06	07	08	09	06	07	08	09					
			2-pipe				4-pipe										
Cooling capacity (standard conditions)	Total capacity	High	kW	5.5	6.1	7.2	8.1	5.9	6.3	7.2	8.3						
		Medium	kW	4.7	5.3	5.9	6.8	5.1	5.6	6.2	6.9						
		Low	kW	3.9	4.5	4.8	5.4	4.3	4.6	4.8	5.7						
	Sensible capacity	High	kW	4.2	4.7	5.7	6.5	4.2	4.6	5.4	6.4						
		Medium	kW	3.5	4.0	4.5	5.3	3.6	4.0	4.5	5.2						
		Low	kW	2.8	3.3	3.5	4.1	3.1	3.3	3.5	4.0						
Heating capacity (standard conditions)	High		kW	6.8	7.7	9.2	10.6	6.9	7.8	9.2	10.4						
	Medium		kW	5.8	6.6	7.6	8.8	6.1	6.7	7.6	8.7						
	Low		kW	4.8	5.5	5.8	7.0	5.2	5.5	5.8	6.8						
Power input	High		kW	0.045	0.054	0.077	0.107	0.046	0.055	0.077	0.107						
	Medium		kW	0.040	0.046	0.058	0.076	0.041	0.047	0.059	0.077						
	Low		kW	0.034	0.037	0.039	0.045	0.035	0.038	0.040	0.046						
FCEER				116	119	113	104	124	120	112	106						
FCCOP				143	147	141	137	149	144	138	131						
Dimensions	Unit	HeightxWidthxLength	mm	288x840x840													
Weight	Unit		kg	26				29									
Fan	Type			Turbo fan													
	Quantity			1													
	Air flow rate	High	m³/h	1,068	1,236	1,518	1,776	1,032	1,200	1,476	1,746						
		Medium	m³/h	894	1,038	1,200	1,410	864	1,002	1,164	1,374						
		Low	m³/h	720	834	888	1,044	708	804	852	1,014						
Total sound power level	High		dBA	43.0	47.0	53.0	57.0	43.0	47.0	53.0	57.0						
	Medium		dBA	36.0	39.0	44.0	49.0	36.0	39.0	44.0	49.0						
	Low		dBA	31.0	33.0	36.0	40.0	33.0	36.0								
Sound pressure level	High		dBA	29.0	33.0	39.0	43.0	29.0	33.0	39.0	43.0						
	Medium		dBA	24.0	28.0	32.0	37.0	24.0	28.0	32.0	37.0						
	Low		dBA	21.0	22.0	24.0	28.0	21.0	22.0	24.0	28.0						
Piping connections	Drain OD		mm	VP25 (External dia.32 / internal dia. 25)													
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240													
Control systems	Infrared remote control			BRC7E532F / BRC7E533F													
	Wired remote control			BRC315D													

For standard conditions refer to Measuring Conditions table, at the end of this catalogue

## 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 (570mm in width and Length) enables unit to fit flush into ceilings and match standard architectural modules, without cutting ceiling tiles
- › Comfortable horizontal auto swing ensures draughtfree operation and prevents ceiling soiling
- › Optional fresh air intake
- › Possibility to shut 1 or 2 flaps for easy installation in corners
- › Standard drain pump with 750mm lift increases flexibility and installation speed



More details and final information can be found by scanning or clicking the QR codes.



FWF-BT



FWF-BF

Indoor unit			FWF-BT/BF		02	03	04	05	02	03	04	05
			2-pipe					4-pipe				
Cooling capacity (standard conditions)	Total capacity	High kW	1.7	3.0	4.0	4.9	1.8	2.9	3.8	4.6		
		Medium kW	1.5	2.7	3.1	4.0	1.5	2.4	3.1	3.8		
		Low kW	1.3		2.4		2.8	1.3		1.6		2.6
	Sensible capacity	High kW	1.4	2.0	2.7	3.5	1.5	1.8	2.5	3.2		
		Medium kW	1.2	1.7	2.0		2.7	1.2	1.5	1.9		2.5
		Low kW	1.0		1.4		1.8		1.0			1.6
	Heating capacity (standard conditions)	High kW	2.4	3.3	4.5	5.6	3.3	3.6	4.7	5.7		
		Medium kW	2.1	2.9	3.5	4.4	2.9	3.1	3.7	4.7		
		Low kW	1.9		2.7		3.0	2.4		2.6		3.2
Power input	High	kW	0.074		0.090	0.118		0.074		0.094		0.121
	Medium	kW	0.067		0.070	0.089	0.067	0.062		0.074		0.093
	Low	kW	0.060		0.055	0.062	0.060		0.055			0.066
FCEER			22	40	44	45	22	33	34	40		
FCCOP			32	45		49	41		48			49
Dimensions	Unit	HeightxWidthxLength	mm				285 x575x575					
Weight	Unit		kg			19			20			
Fan	Type						Turbo fan					
	Quantity						1					
	Air flow rate	High m³/h	456	468	660	876	468	438	618	822		
		Medium m³/h	384	390	486	648	390	366	456	612		
		Low m³/h	300		318		420	318		300		390
Total sound power level	High	dBA		44.0		50.0	55.0	44.0	46.0	52.0		57.0
	Medium	dBA		40.0		44.0	49.0	40.0	42.0	46.0		51.0
	Low	dBA	36.0		38.0		42.0	36.0	38.0	41.0		44.0
Sound pressure level	High	dBA		31.0		40.0	45.0	31.0	33.0	42.0		47.0
	Medium	dBA		27.0		33.0	39.0	27.0	29.0	35.0		41.0
	Low	dBA			26.0		30.0	26.0		27.0		32.0
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					BRCE530 / BRC7E531						
	Wired remote control					BRC315D						

For standard conditions refer to the Measuring Conditions table, at the end of this catalogue

## 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



More details and final information can be found by scanning or clicking the QR codes.



FWZ-AT

Indoor unit			FWZ-AT/AF	02	03	06	08	02	03	06	08	
Cooling capacity (standard conditions)	Total capacity	High	kW	1.94	2.91	4.48	7.93	1.77	2.86	4.64	7.79	
		Medium	kW	1.69	2.37	3.64	6.2	1.55	2.32	3.79	6.12	
		Low	kW	1.35	1.75	2.99	4.1	1.25	1.72	3.10	4.06	
	Sensible capacity	High	kW	1.49	2.09	3.62	5.87	1.44	2.06	3.54	5.76	
Heating capacity (standard conditions)		Medium	kW	1.30	1.69	2.90	4.59	1.21	1.65	2.85	4.54	
		Low	kW	1.04	1.25	2.31	3.04	0.97	1.23	2.27	3.01	
		High	kW	2.15	2.94	4.88	8.37	1.76	2.68	4.64	7.35	
Power input		Medium	kW	1.81	2.37	4.11	6.53	1.56	2.31	4.07	6.29	
		Low	kW	1.50	1.76	3.36	4.39	1.36	1.88	3.55	4.85	
		High	kW	0.019	0.016	0.033	0.087	0.019	0.016	0.033	0.087	
FCEER		Medium	kW	0.01		0.02	0.038	0.01		0.02	0.038	
		Low	kW	0.01		0.013	0.01		0.01		0.013	
		B		A		B		A		B		
FCCOP		B		A		B		A		B		
		Unit	HeightxWidthxLength	mm	564x774x226	564x984x226	564x1,190x226	564x1,404x251	564x774x226	564x984x226	564x1,190x226	564x1,404x251
		kg		20.6	26.7	32.3	41.6	20.6	26.7	32.3	41.6	
Dimensions	Unit	HeightxWidthxLength	mm									
Weight	Unit		kg									
Casing	Colour											
Air filter	Type											
Fan	Type											
Quantity	Air flow rate											
		1		2		1		2				
		High	m³/h	344	442	785	1,393	327	431	763	1,362	
Total sound power level		Medium	m³/h	271	341	605	1,022	261	332	593	1,007	
		Low	m³/h	211	241	470	642	205	237	460	636	
		dBA		50.0	48.0	56.0	67.0	50.0	47.0	58.0	66.0	
Sound pressure level		High	dBA	44.0	42.0	49.0	60.0	44.0	41.0	53.0	58.0	
		Medium	dBA	40.0	36.0	43.0	49.0	38.0	33.0	48.0		
		Low	dBA	35.0	31.0	38.0	44.0	33.0	28.0	43.0		
Electric heater	Power input (Optional)	kW		1.5	1.6	2.0	-	1.5	1.6	2.0	-	
Piping connections	Drain OD	mm										
Power supply	Phase/Frequency/Voltage	Hz/V										
Control systems	Wired remote control											

For standard conditions refer to the Measuring Conditions table, at the end of this catalogue

## Floor standing unit

### AC fan motor unit for vertical mounting

- › Quick fixing system for wall mounted installation
- › Pre-assembled 3-way/4-port on/off valves are available
- › 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
- › The air filter can easily be removed for cleaning
- › Electric heater: no relay up to 2kW capacity
- › Electric heater: equipped with two overheat cut-out thermostats



More details and final information  
can be found by scanning or  
clicking the QR codes.



FWV-DAT

FWV-DAT

Indoor unit			FWV-DAT/DAF																				
			01	15	02	25	03	35	04	06	08	10	01	15	02	25	03	35	04	06	08	10	
Cooling capacity (standard conditions)	Total capacity	High	kW	1.50	1.69	1.91	2.36	2.87	3.45	4.23	4.41	6.53	7.78	1.42	1.64	1.74	2.32	2.81	3.36	4.16	4.57	4.64	7.64
		Medium	kW	1.21	1.48	1.66	1.99	2.34	2.58	3.21	3.59	5.14	6.07	1.11	1.44	1.52	1.96	2.29	2.54	3.17	3.74	5.10	5.99
		Low	kW	1.02	1.24	1.34	1.57	1.73	1.94	2.47	2.95	3.88	4.00	0.97	1.22	1.24	1.55	1.70	1.92	2.44	3.06	3.84	3.96
	Sensible capacity	High	kW	1.16	1.25	1.37	1.82	2.05	2.69	3.05	3.55	4.73	5.72	1.10	1.22	1.41	1.79	2.01	2.61	2.99	3.47	4.67	5.61
		Medium	kW	0.94	1.10	1.20	1.53	1.66	1.99	2.39	2.85	3.70	4.46	0.87	1.07	1.18	1.50	1.62	1.96	2.36	2.80	3.67	4.40
		Low	kW	0.77	0.93	0.98	1.15	1.23	1.41	1.76	2.27	2.75	2.94	0.73	0.91	0.96	1.14	1.21	1.40	1.74	2.23	2.73	2.91
Heating capacity (standard conditions)	High	kW	1.82	1.84	2.15	2.70	2.94	4.05	4.24	4.98	6.49	8.37	1.66	1.76	2.53	2.68	4.20	3.82	4.64	6.97	7.35		
	Medium	kW	1.48	1.72	1.81	2.26	2.37	3.13	3.24	4.08	5.17	6.53	1.49	1.56	2.18	2.31	3.47	3.22	4.07	6.02	6.29		
	Low	kW	1.21	1.45	1.50	1.74	1.76	2.39	2.47	3.31	3.97	4.39	1.31	1.36	1.78	1.88	2.82	2.73	3.55	5.02	4.85		
Power input	High	kW	0.037	0.053		0.057	0.056	0.065	0.098	0.182	0.244	0.037	0.053	0.057	0.056	0.065	0.098	0.182	0.244				
	Medium	kW	0.03		0.04		0.05	0.06	0.07	0.13	0.17	0.03		0.04		0.05	0.06	0.07	0.13	0.17			
	Low	kW	0.02	0.03	0.02	0.03		0.04	0.05	0.09	0.11	0.02	0.03	0.02	0.03	0.02	0.03	0.04	0.05	0.09	0.11		
Dimensions	Unit	HeightxWidthxLength	mm	564x774x226	564x984x226	564x1,190x226	564x1,400x251	564x774x226	564x984x226	564x1,190x226	564x1,400x251												
Weight	Unit		kg	19.7	20.6	25.5	26.7	31.0	30.4	32.3	41.4	41.6	19.7	20.6	25.5	26.7	31.0	30.4	32.3	41.4	41.6		
Casing	Colour																						
Air filter	Type																						
Fan	Type																						
	Quantity																						
				1																			
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		
	Medium	m³/h	233	271		341	450	497	605	771	1,022	225	261	334	332	444	490	593	765	1,007			
	Low	m³/h	178	211		241	320	361	470	570	642	174	205	238	237	316	356	460	565	636			
Total sound power level	High	dBA	47.0	49.0	50.0	48.0	52.0	53.0	56.0	61.0	67.0	45.0	49.0	50.0	48.0	47.0	53.0	56.0	58.0	60.0	66.0		
	Medium	dBA	42.0	44.0		43.0	42.0	43.0	49.0	54.0	60.0	39.0	44.0	43.0	41.0	45.0	46.0	53.0	54.0	58.0			
	Low	dBA	37.0	38.0	40.0	35.0	36.0	35.0	43.0	47.0	51.0	56.0	62.0	40.0	44.0	45.0	43.0	42.0	46.0	51.0	54.0	55.0	48.0
Sound pressure level	High	dBA	42.0	44.0	45.0	43.0	47.0	48.0	51.0	56.0	62.0	40.0	44.0	45.0	43.0	42.0	46.0	51.0	54.0	49.0	53.0		
	Medium	dBA	37.0	39.0		38.0	44.0	49.0	55.0	34.0	39.0	38.0	36.0	38.0	41.0	48.0	49.0	53.0					
	Low	dBA	32.0	33.0	35.0	30.0	31.0	30.0	38.0	42.0	44.0	28.0	33.0	29.0	28.0	29.0	32.0	43.0	41.0	43.0			
Electric heater	Power input (Optional)	kW	1.0	1.5		1.6		2.0		3.0	1.0	1.5		1.6		2.0		3.0					
Piping connections	Drain OD	mm																					
Power supply	Phase/Frequency/Voltage	Hz/V																					
Control systems	Wired remote control																						

For standard conditions refer to the Measuring Conditions table, at the end of this catalogue

## Flexi type unit

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

- › For wall or ceiling mounted installation: ideal solution for spaces with no false ceilings
- › 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



More details and final information  
can be found by scanning or  
clicking the QR codes.



FWR-AT

FWTOUCH

Indoor unit			FWR-AT/AF	02	03	06	08	02	03	06	08
				2-pipe				4-pipe			
Cooling capacity (standard conditions)	Total capacity	High kW	1.94	2.91	4.48	7.93	1.77	2.86	4.64	7.79	
		Medium kW	1.69	2.37	3.64	6.20	1.55	2.32	3.79	6.12	
		Low kW	1.35	1.75	2.99	4.10	1.25	1.72	3.10	4.06	
	Sensible capacity	High kW	1.49	2.09	3.62	5.87	1.44	2.06	3.54	5.76	
		Medium kW	1.30	1.69	2.90	4.59	1.21	1.65	2.85	4.54	
		Low kW	1.04	1.25	2.31	3.04	0.97	1.23	2.27	3.01	
Heating capacity (standard conditions)	High kW	2.15	2.94	4.88	8.37	1.76	2.68	4.64	7.35		
	Medium kW	1.81	2.37	4.11	6.53	1.56	2.31	4.07	6.29		
	Low kW	1.50	1.76	3.36	4.39	1.36	1.88	3.55	4.85		
Power input	High kW	0.019	0.016	0.033	0.087	0.019	0.016	0.033	0.087		
	Medium kW		0.01	0.02	0.038		0.01	0.02	0.038		
	Low kW		0.01		0.013		0.01		0.013		
FCEER			B	A				B	A		B
FCCOP			B	A				B	A		B
Dimensions	Unit	HeightxWidthxLength	mm	564x774x246	564x984x246	564x1,190x246	564x1,404x271	564x774x246	564x984x246	564x1,190x246	564x1,404x271
Weight	Unit		kg	21.2	27.5	33.6	43.1	21.2	27.5	33.6	43.1
Casing	Colour			White - RAL9010							
Air filter	Type			Polypropylene net							
Fan	Type			Centrifugal							
	Quantity			1				2			
	Air flow rate	High m³/h	344	442	785	1,393	327	431	763	1,362	
		Medium m³/h	271	341	605	1,022	261	332	593	1,007	
		Low m³/h	211	241	470	642	205	237	460	636	
Total sound power level	High	dBA	50.0	48.0	56.0	67.0	50.0	47.0	58.0	66.0	
	Medium	dBA	44.0	42.0	49.0	60.0	44.0	41.0	53.0	58.0	
	Low	dBA	40.0	36.0	43.0	49.0	38.0	33.0	48.0		
Sound pressure level	High	dBA	45.0	43.0	51.0	62.0	45.0	42.0	54.0	61.0	
	Medium	dBA	39.0	37.0	44.0	55.0	39.0	36.0	48.0	53.0	
	Low	dBA	35.0	31.0	38.0	44.0	33.0	28.0	43.0		
Electric heater	Power input (Optional)	kW	1.5	1.6	2.0	-	1.5	1.6	2.0	-	
Piping connections	Drain OD	mm		16							
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/230							
Control systems	Wired remote control			FWEC3A / FWECSA / FWTOUCH							

For standard conditions refer to the Measuring Conditions table, at the end of this catalogue

## Flexi type unit

AC fan motor unit for horizontal or vertical mounting

- › Quick fixing system for wall or ceiling mounted installation
- › Pre-assembled 3-way/4-port on/off valves are available
- › 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
- › The air filter can easily be removed for cleaning
- › Electric heater: no relay up to 2kW capacity
- › Electric heater: equipped with two overheat cut-out thermostats



More details and final information  
can be found by scanning or  
clicking the QR codes.



FWL-DAT



FWL-DAF

Indoor unit			FWL-DAT/DAF		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 (standard conditions)	Total capacity	High	kW	1.50	1.69	1.91	2.36	2.87	3.45	4.23	4.41	6.53	7.78	1.42	1.64	1.74	2.32	2.81	3.36	4.16	4.57	4.66	7.64															
		Medium	kW	1.21	1.48	1.66	1.99	2.34	2.58	3.21	3.59	5.14	6.07	1.11	1.44	1.52	1.96	2.29	2.54	3.17	3.74	5.10	5.99															
		Low	kW	1.02	1.24	1.34	1.57	1.73	1.94	2.47	2.95	3.88	4.00	0.97	1.22	1.24	1.55	1.70	1.92	2.44	3.06	3.84	3.96															
	Sensible capacity	High	kW	1.16	1.25	1.37	1.82	2.05	2.69	3.05	3.55	4.73	5.72	1.10	1.22	1.41	1.79	2.01	2.61	2.99	3.47	4.67	5.61															
		Medium	kW	0.94	1.10	1.20	1.53	1.66	1.99	2.39	2.85	3.70	4.46	0.87	1.07	1.18	1.50	1.62	1.96	2.36	2.80	3.67	4.40															
		Low	kW	0.77	0.93	0.98	1.15	1.23	1.41	1.76	2.27	2.75	2.94	0.73	0.91	0.96	1.14	1.21	1.40	1.74	2.23	2.73	2.91															
Heating capacity (standard conditions)	High		kW	1.82	1.84	2.15	2.70	2.94	4.05	4.24	4.98	6.49	8.37	1.66	1.76	2.53	2.68	4.20	3.82	4.64	6.97	7.35																
	Medium		kW	1.48	1.72	1.81	2.26	2.37	3.13	3.24	4.08	5.17	6.53	1.49	1.56	2.18	2.31	3.47	3.22	4.07	6.02	6.29																
	Low		kW	1.21	1.45	1.50	1.74	1.76	2.39	2.47	3.31	3.97	4.39	1.31	1.36	1.78	1.88	2.82	2.73	3.55	5.02	4.85																
Power input	High		kW	0.037	0.053	0.057	0.056	0.065	0.098	0.182	0.244	0.037	0.053	0.057	0.056	0.065	0.098	0.182	0.244	0.05	0.06	0.07	0.13	0.17														
	Medium		kW	0.03	0.04	0.05	0.06	0.07	0.13	0.17	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20										
	Low		kW	0.02	0.03	0.02	0.03	0.04	0.05	0.09	0.11	0.02	0.03	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20						
Dimensions	Unit	HeightxWidthxLength	mm	564x774x246	564x984x246	564x1190x246	564x1400x271	564x774x246	564x984x246	564x1190x246	564x1400x271	White - RAL9010																										
Weight	Unit		kg	20.6	21.2	26.5	27.5	32.5	33.5	33.6	43.1	20.6	21.2	26.5	27.5	32.5	33.5	33.6	43.1																			
Casing	Colour																																					
Air filter	Type																																					
Fan	Type																																					
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																
		Medium	m³/h	233	271		341	450	497	605	771	1,022	225	261	334	332	444	490	593	765	1,007																	
Total sound power level	High		m³/h	178	211		241	320	361	470	570	642	174	205	238	237	316	356	460	565	636																	
	Medium		dBA	47.0	49.0	50.0	48.0	52.0	53.0	56.0	61.0	67.0	45.0	49.0	50.0	48.0	47.0	53.0	56.0	58.0	60.0	66.0																
	Low		dBA	42.0	44.0		43.0	49.0	54.0	60.0	39.0	44.0		43.0	41.0	45.0	46.0	53.0	54.0	58.0																		
Sound pressure level	High		dBA	42.0	44.0	45.0	43.0	47.0	48.0	51.0	56.0	62.0	40.0	44.0	45.0	43.0	42.0	46.0	51.0	54.0	55.0	61.0																
	Medium		dBA	37.0	39.0	40.0	35.0	36.0	35.0	43.0	47.0	49.0	33.0	40.0	38.0	34.0	33.0	36.0	39.0	48.0	46.0	48.0																
	Low		dBA	32.0	33.0	35.0	30.0	31.0	30.0	38.0	42.0	44.0	28.0	33.0	29.0	28.0	29.0	32.0	43.0	41.0	43.0																	
Electric heater	Power input (Optional)		kW	1.0	1.5		1.6		2.0		3.0	1.0	1.5		1.6		2.0																					
Piping connections	Drain	OD	mm															16																				
Power supply	Phase/Frequency/Voltage	Hz/V																1~/50/230																				
Control systems	Wired remote control																																					

For standard conditions refer to the Measuring Conditions table, at the end of this catalogue

## Concealed flexi type unit

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
- › Available static pressure up to 50Pa at maximum speed



More details and final information can be found by scanning or clicking the QR codes.



FWS-AT



FWS-AF

Indoor unit			FWS-AT/AF	02	03	06	08	02	03	06	08
				2-pipe				4-pipe			
Cooling capacity (standard conditions)	Total capacity	High	kW	1.94	2.91	4.48	7.93	1.77	2.86	4.64	7.79
		Medium	kW	1.69	2.37	3.64	6.2	1.55	2.32	3.79	6.12
		Low	kW	1.35	1.75	2.99	4.1	1.25	1.72	3.10	4.06
	Sensible capacity	High	kW	1.49	2.09	3.62	5.87	1.44	2.06	3.54	5.76
		Medium	kW	1.30	1.69	2.90	4.59	1.21	1.65	2.85	4.54
		Low	kW	1.04	1.25	2.31	3.04	0.97	1.23	2.27	3.01
Heating capacity (standard conditions)	High		kW	2.15	2.94	4.88	8.37	1.76	2.68	4.64	7.35
	Medium		kW	1.81	2.37	4.11	6.53	1.56	2.31	4.07	6.29
	Low		kW	1.50	1.76	3.36	4.39	1.36	1.88	3.55	4.85
Power input	High		kW	0.019	0.016	0.033	0.087	0.019	0.016	0.033	0.087
	Medium		kW		0.01		0.02	0.038		0.01	0.02
	Low		kW			0.01		0.013		0.01	0.013
FCEER				B		A		B		A	B
FCCOP				B		A		B		A	B
Dimensions	Unit	HeightxWidthxLength	mm	535x584x224	535x794x224	535x1,000x224	535x1,214x249	535x584x224	535x794x224	535x1,000x224	535x1,214x249
Weight	Unit		kg	16.9	22.1	26.6	35.4	16.9	22.1	26.6	35.4
Air filter	Type			Polypropylene net							
Fan	Type			Centrifugal							
	Quantity			1		2		1		2	
Air flow rate	High		m³/h	344	442	785	1,393	327	431	763	1,362
	Medium		m³/h	271	341	605	1,022	261	332	593	1,007
	Low		m³/h	211	241	470	642	205	237	460	636
Total sound power level	High		dBA	50.0	48.0	56.0	67.0	50.0	47.0	58.0	66.0
	Medium		dBA	44.0	42.0	49.0	60.0	44.0	41.0	53.0	58.0
	Low		dBA	40.0	36.0	43.0	49.0	38.0	33.0	48.0	
Sound pressure level	High		dBA	45.0	43.0	51.0	62.0	45.0	42.0	54.0	61.0
	Medium		dBA	39.0	37.0	44.0	55.0	39.0	36.0	48.0	53.0
	Low		dBA	35.0	31.0	38.0	44.0	33.0	28.0	43.0	
Electric heater	Power input (Optional)		kW	1.5	1.6	2.0	-	1.5	1.6	2.0	-
Piping connections	Drain OD		mm					16			
Power supply	Phase/Frequency/Voltage		Hz/V					1~/50/230			
Control systems	Wired remote control							FWEC3A / FWECSA / FWTTOUCH			

For standard conditions refer to the Measuring Conditions table, at the end of this catalogue

# Concealed flexi type unit

AC fan motor unit for horizontal or vertical concealed mounting

- › Quick fixing system for wall or ceiling mounted installation
- › Pre-assembled 3-way/4-port on/off valves are available
- › 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
- › The air filter can easily be removed for cleaning
- › Electric heater: no relay up to 2kW capacity
- › Electric heater: equipped with two overheat cut-out thermostats
- › Available static pressure up to 50Pa at maximum speed



More details and final information  
can be found by scanning or  
clicking the QR codes.



FWM-DAT



FWM-DAF

Indoor unit			FWM-DAT/DAF		01	15	02	25	03	35	04	06	08	10	01	15	02	25	03	35	04	06	08	10
Cooling capacity (standard conditions)	Total capacity	High	2-pipe																		4-pipe			
			kW	1.50	1.69	1.91	2.36	2.87	3.45	4.23	4.41	6.53	7.78	1.42	1.64	1.74	2.32	2.81	3.36	4.16	4.57	6.46	7.64	
		Medium	kW	1.21	1.48	1.66	1.99	2.34	2.58	3.21	3.59	5.14	6.07	1.11	1.44	1.52	1.96	2.29	2.54	3.17	3.74	5.10	5.99	
		Low	kW	1.02	1.24	1.34	1.57	1.73	1.94	2.47	2.95	3.88	4.00	0.97	1.22	1.24	1.55	1.70	1.92	2.44	3.06	3.84	3.96	
		Sensible capacity	High	kW	1.16	1.25	1.37	1.82	2.05	2.69	3.05	3.55	4.73	5.72	1.10	1.22	1.41	1.79	2.01	2.61	2.99	3.47	4.67	5.61
		Medium	kW	0.94	1.10	1.20	1.53	1.66	1.99	2.39	2.85	3.70	4.46	0.87	1.07	1.18	1.50	1.62	1.96	2.36	2.80	3.67	4.40	
		Low	kW	0.77	0.93	0.98	1.15	1.23	1.41	1.76	2.27	2.75	2.94	0.73	0.91	0.96	1.14	1.21	1.40	1.74	2.23	2.73	2.91	
Heating capacity (standard conditions)	High		kW	1.82	1.84	2.15	2.70	2.94	4.05	4.24	4.98	6.49	8.37	1.66	1.76	2.53	2.68	4.20	3.82	4.64	6.97	7.35		
	Medium		kW	1.48	1.72	1.81	2.26	2.37	3.13	3.24	4.08	5.17	6.53	1.49	1.56	2.18	2.31	3.47	3.22	4.07	6.02	6.29		
	Low		kW	1.21	1.45	1.50	1.74	1.76	2.39	2.47	3.31	3.97	4.39	1.31	1.36	1.78	1.88	2.82	2.73	3.55	5.02	4.85		
Power input	High		kW	0.037	0.053		0.057	0.056	0.065	0.098	0.182	0.244	0.037	0.053		0.057	0.056	0.065	0.098	0.182	0.244			
	Medium		kW	0.03		0.04			0.05	0.06	0.07	0.13	0.17	0.03		0.04			0.05	0.06	0.07	0.13	0.17	
	Low		kW	0.02	0.03	0.02	0.03		0.04	0.05	0.09	0.11	0.02	0.03	0.02	0.03		0.04		0.05	0.09	0.11		
Dimensions	Unit	HeightxWidthxLength	mm	535x584x224	535x794x224	535x1,000x224	535x1,210x249	535x584x224	535x794x224	535x1,000x224	535x1,210x249													
Weight	Unit		kg	16.5	16.9	21.4	22.1	26.3	26.4	26.6	35.4	16.5	16.9	21.4	22.1	26.3	26.4	26.6	35.4					
Air filter	Type															Polypropylene net								
Fan	Type															Centrifugal								
	Quantity																							
	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		
		Medium	m³/h	233	271		341	450	497	605	771	1,022	225	261	334	332	444	490	593	765	1,007			
		Low	m³/h	178	211		241	320	361	470	570	642	174	205	238	237	316	356	460	565	636			
Total sound power level	High		dBA	47.0	49.0	50.0	48.0	52.0	53.0	56.0	61.0	67.0	45.0	49.0	50.0	48.0	47.0	53.0	56.0	58.0	60.0	66.0		
	Medium		dBA	42.0	44.0		43.0	49.0	54.0	60.0	39.0	44.0		43.0	41.0	45.0	46.0	53.0	54.0	58.0				
	Low		dBA	37.0	38.0	40.0	35.0	36.0	35.0	43.0	47.0	49.0	33.0	40.0	38.0	34.0	33.0	36.0	39.0	48.0	46.0	48.0		
Sound pressure level	High		dBA	42.0	44.0	45.0	43.0	47.0	48.0	51.0	56.0	62.0	40.0	44.0	45.0	43.0	42.0	46.0	51.0	54.0	55.0	61.0		
	Medium		dBA	37.0	39.0		38.0	44.0	49.0	55.0	34.0	39.0		38.0	36.0	38.0	41.0	48.0	49.0	53.0				
	Low		dBA	32.0	33.0	35.0	30.0	31.0	30.0	38.0	42.0	44.0	28.0	33.0	29.0	28.0	29.0	32.0	43.0	41.0	43.0			
Electric heater	Power input (Optional)		kW	1.0	1.5		1.6		2.0			3.0	1.0	1.5		1.6		2.0						
Piping connections	Drain	OD	mm														16							
Power supply	Phase/Frequency/Voltage	Hz/V															1~/50/230							
Control systems	Wired remote control																							

For standard conditions refer to the Measuring Conditions table, at the end of this catalogue





# Concealed ceiling unit with medium ESP

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

- › Blends unobtrusively with any interior decor: only the suction and discharge grills are visible
- › Up to 50% energy savings with brush-less 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
- › Heat exchanger up to 4 rows
- › Available static pressure up to 80Pa at maximum speed



More details and final information can be found by scanning or clicking the QR codes.



FWP-CT



FWP-CF

Indoor unit	FWP-CT/CF	04	05	06	08	10	11	15	17	
<b>2-pipe</b>										
Speed		min	med	max	min	med	max	min	med	
Declared speed		2,5,7		1,5,7		1,6,7		1,4,7		
Control voltage (E)	V	2,90	8,00	9,00	4,30	7,50	8,40	4,50	7,40	
Rated air flow (E)	m³/h	109	246	276	171	275	341	195	360	
Available static pressure (E)	Pa	10	50	63	19	50	77	19	50	
Power input (E)	W	6	25	33	10	24	39	10	26	
Maximum current absorption	A	0,32		0,60		0,84		0,84		
Total cooling capacity (1)(E)	kW	0,93	1,76	1,95	1,29	1,95	2,34	1,59	2,74	
Sensible cooling capacity (1)(E)	kW	0,62	1,25	1,39	0,91	1,39	1,66	1,09	1,91	
FCEER class (E)		A								
Water flow (2)	l/h	161	306	340	222	339	408	274	476	
Water pressure drop (2)(E)	kPa	2	5	6	3	6	8	3	7	
Heating capacity (3)(E)	kW	0,88	1,21	1,99	1,33	1,98	2,35	1,59	2,80	
FCCOP class (E)		A								
Water flow (3)	l/h	153	315	346	231	345	408	276	488	
Water pressure drop (3)(E)	kPa	1	4	5	2	5	7	2	6	
Standard coil - number of rows		3								
Total sound power level (4)	dB(A)	28	49	52	39	50	54	39	50	
Inlet + radiated sound power level (4)(E)	dB(A)	26	47	50	37	48	52	37	48	
Outlet sound power level (4)(E)	dB(A)	25	46	49	36	47	51	36	47	
Water content - standard coil	dm³	1,20								
Cross-section area of power cables (5)	mm²	1,00								
<b>4-pipe</b>										
Speed		min	med	max	min	med	max	min	med	
Declared speed		2,5,7		1,5,7		1,6,7		1,4,7		
Control voltage (E)	V	2,90	7,90	8,90	4,50	7,30	8,90	4,50	7,40	
Rated air flow (E)	m³/h	109	243	270	170	272	336	195	357	
Available static pressure (E)	Pa	10	50	63	19	50	77	19	50	
Power input (E)	W	6	25	32	10	23	39	10	26	
Maximum current absorption	A	0,32		0,60		0,84		0,84		
Total cooling capacity (1)(E)	kW	0,93	1,74	1,91	1,28	1,93	2,31	1,59	2,72	
Sensible cooling capacity (1)(E)	kW	0,62	1,24	1,36	0,90	1,38	1,64	1,09	1,89	
FCEER class (E)		A								
Water flow (2)	l/h	161	302	333	221	335	404	274	473	
Water pressure drop (2)(E)	kPa	2	5	6	3	6	8	3	7	
Heating capacity (3)(E)	kW	1,14	1,93	2,06	1,55	2,07	2,32	2,09	3,09	
FCCOP class (E)		A								
Water flow (3)	l/h	100	169	180	136	181	204	183	271	
Water pressure drop (3)(E)	kPa	1	2	3	2	3	2	3	4	
Standard coil - number of rows	dB(A)	3+1								
Total sound power level (4)	dB(A)	28	49	52	39	50	54	39	50	
Inlet + radiated sound power level (4)(E)	dB(A)	26	47	50	37	48	52	37	48	
Outlet sound power level (4)(E)	dB(A)	25	46	49	36	47	51	36	47	
Water content - standard coil	dm³	0,47								
Cross-section area of power cables (5)	mm²	1,00								
Power supply cable type		N07V-K								
Safety fuse F	A	1								
Fuses type		gG								
Power supply	Phase/Frequency	Hz	1~/50							
Control systems	Wired remote control									
FWEC3A / FWESCA / FWTTOUCH										

(1) Water temperature 7°C / 12°C, air temperature dry bulb 27°C, wet bulb 19°C (47% relative humidity) according to EN13972:2015 | (2) Water temperature 7°C / 12°C, air temperature dry bulb 27°C, wet bulb 19°C (47% relative humidity) | (3) Water temperature 45°C / 40°C, air temperature 20°C | (4) Sound power measured according to standards ISO 3741 and ISO 3742 | (5) Sound pressure measured at a distance of 4 m in a free field with a directivity factor of 1 | (E) EUROVENT certified data

# Concealed ceiling unit with medium ESP

## AC fan motor unit for horizontal concealed mounting

- > Compact dimensions, can easily be mounted in a narrow ceiling void
- > Heat exchanger up to 4 rows
- > Drain pan to collect the condensate from: heat exchanger and regulating valves -reversible water connections
- > The air filter can easily be removed for cleaning
- > Available static pressure up to 80Pa at maximum speed



More details and final information can be found by scanning or clicking the QR codes.



FWB-CT



FWB-CF

Indoor unit	FWB-CT/CF	04	05	06	08	10	11	15	17	2-pipe
Speed		min	med	max	min	med	max	min	med	max
Declared speed		2,5,7		1,5,7		1,6,7		1,4,7		1,6,7
Rated air flow (E)	m³/h	109	246	276	171	275	341	195	360	402
Available static pressure (E)	Pa	10	50	63	19	50	77	19	50	63
Power input (E)	W	24	57	82	34	69	106	34	85	106
Maximum current absorption	A	0,40		0,56		0,56		1,10		1,10
Total cooling capacity (1)(E)	kW	0,92	1,72	1,90	1,27	1,90	2,27	1,57	2,69	2,96
Sensible cooling capacity (1)(E)	kW	0,61	1,21	1,34	0,89	1,34	1,59	1,07	1,86	2,03
FCEER class (E)			D		E		D			
Water flow (1)	I/h	160	306	340	222	339	408	274	476	527
Water pressure drop (2)(E)	kPa	2	5	6	3	6	8	3	7	9
Heating capacity (3)(E)	kW	0,88	1,81	1,99	1,33	1,98	2,35	1,59	2,80	3,10
FCCOP class (E)				C	D					
Water flow (3)	I/h	153	315	346	231	345	408	276	488	538
Water pressure drop (3)(E)	kPa	1	4	5	2	5	7	2	6	8
Standard coil - number of rows		3		3		4		3		4
Total sound power level (4)	dB(A)	28	49	52	39	50	54	39	50	54
Inlet + radiated sound power level (4)(E)	dB(A)	26	47	50	37	48	52	37	48	52
Outlet sound power level (4)(E)	dB(A)	25	46	49	36	47	51	36	47	51
Water content - standard coil	dm³	1,20		1,20		1,60		1,60		2,50
Power supply cable type						N07V-K				
Cross-section area of power cables (5)	mm²	1,00		1,00		1,00		1,50		1,50
Safety fuse F	A	1		1		1		2		2
Fuses type						gG				
Power supply	Phase/Frequency	Hz				1~/50				
Control systems	Wired remote control					FWEC1A / FWEC2A / FWEC3A / FWECSA / FWTOUCH				

Indoor unit	FWB-CT/CF	04	05	06	08	10	11	15	17	4-pipe
Speed		min	med	max	min	med	max	min	med	max
Declared speed		2,5,7		1,5,7		1,6,7		1,4,7		1,6,7
Rated air flow (E)	m³/h	109	243	270	170	272	336	195	357	398
Available static pressure (E)	Pa	10	50	63	19	50	77	19	50	63
Power input (E)	W	24	57	82	34	69	106	34	85	106
Maximum current absorption	A	0,40		0,56		0,56		1,10		1,10
Total cooling capacity (1)(E)	kW	0,92	1,70	1,86	1,26	1,88	2,24	1,57	2,67	2,93
Sensible cooling capacity (1)(E)	kW	0,61	1,20	1,31	0,88	1,33	1,57	1,07	1,84	2,01
FCEER class (E)			D		E		D			
Water flow (1)	I/h	160	302	333	221	335	404	274	473	522
Water pressure drop (2)(E)	kPa	2	5	6	3	6	8	3	7	9
Heating capacity (3)(E)	kW	1,14	1,93	2,06	1,55	2,07	2,32	2,09	3,09	3,29
FCCOP class (E)			C		D		C		D	
Water flow (3)	I/h	100	169	180	136	181	204	183	271	288
Water pressure drop (3)(E)	kPa	1	2	3	2	3	2	3	4	3
Total sound power level	dB(A)	28	49	52	39	50	54	39	50	54
Additional coil - number of rows (4)	dB(A)		0,47			0,59				1
Inlet + radiated sound power level (4)(E)	dB(A)	26	47	50	37	48	52	37	48	52
Outlet sound power level (4)(E)	dB(A)	25	46	49	36	47	51	37	48	51
Water content - standard coil	dm³		0,47			0,59				0,97

(1) Water temperature 7°C / 12°C, air temperature dry bulb 27°C, wet bulb 19°C (47% relative humidity) according to EN13972:2015 | (2) Water temperature 7°C / 12°C, air temperature dry bulb 27°C, wet bulb 19°C (47% relative humidity) | (3) Water temperature 65°C / 55°C, air temperature 20°C | (4) Sound power measured according to standards ISO 3741 and ISO 3742 | (5) Sound pressure measured at a distance of 4 m in a free field with a directivity factor of 1 | (6) EUROVENT certified data

## Concealed ceiling unit with high ESP

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
- › The air filter can easily be removed for cleaning
- › Straight duct connector mounted to discharge side
- › Available static pressure up to 120Pa at maximum speed



More details and final information  
can be found by scanning or  
clicking the QR codes.



FWN-AT



FWN-AF

Indoor unit			FWN-AT/AF	04	05	06	07	08	10	04	05	06	07	08	10		
Cooling capacity (standard conditions)			Total capacity	High	kW	3.80	4.65	6.01	6.65	7.57	8.49	3.76	4.61	5.91	6.55	7.46	8.35
				Medium	kW	3.47	4.20	5.65	6.25	6.84	7.62	3.44	4.17	5.58	6.17	6.75	7.52
				Low	kW	2.83	3.38	5.22	5.78	6.20	6.84	2.82	3.36	5.17	5.71	6.14	6.77
			Sensible capacity	High	kW	2.98	3.56	4.47	5.04	6.29	6.83	2.95	3.53	4.39	4.97	6.19	6.71
				Medium	kW	2.70	3.19	4.20	4.73	5.60	6.07	2.68	3.17	4.15	4.66	5.52	5.98
				Low	kW	2.19	2.54	3.90	4.35	5.01	5.40	2.18	2.52	3.84	4.30	4.96	5.34
Heating capacity (standard conditions)			High	kW	4.05	4.83	6.42	7.26	7.88	8.93	3.91	3.89	5.72	5.65	7.99	7.94	
			Medium	kW	3.69	4.36	6.03	6.80	7.11	8.04	3.68	3.66	5.51	5.45	7.47	7.44	
			Low	kW	3.04	3.55	5.59	6.29	6.47	7.28		3.23	5.25	5.21	7.02	6.99	
Power input			High	kW	0.112		0.152		0.248		0.112		0.152		0.248		
			Medium	kW	0.07		0.13		0.17		0.73		0.13		0.17		
			Low	kW	0.04		0.10		0.12		0.45	0.40	0.10		0.12		
FCEER				C	B		C			B		C					
FCCOP				B	A		B	C		B		C					
Dimensions	Unit	HeightxWidthxLength	mm	559x754x280		559x964x280		559x1,170x280		559x754x280		559x964x280		559x1,170x280			
Weight	Unit		kg	32.5	33.3	40.6	41.7	47.3	48.7	34.7	35.5	43.2	44.4	50.3	51.7		
Air filter	Type			Acrylic - Filtering class EU2													
Fan	Type			Centrifugal													
Quantity				1		2		1		2							
Air flow rate			High	m³/h	802	791	1,238	1,203	1,606	1,581	793	783	1,211	1,182	1,576	1,550	
			Medium	m³/h	700	692	1,134	1,107	1,384	1,371	694	686	1,115	1,088	1,362	1,349	
			Low	m³/h	534	532	1,019	1,000	1,207	1,198	531	529	1,005	985	1,192	1,184	
Total sound power level	High	dBA		66.0		69.0		72.0		66.0		69.0		72.0			
	Medium	dBA		61.0		63.0		67.0		61.0		63.0		67.0			
	Low	dBA		54.0		59.0	61.0		62.0		54.0		59.0	61.0		62.0	
Sound pressure level	High	dBA		61.0		64.0		67.0		61.0		64.0		67.0			
	Medium	dBA		56.0		58.0		62.0		56.0		58.0		62.0			
	Low	dBA		49.0		54.0	56.0	57.0		49.0		54.0	56.0	57.0			
Electric heater	Power input (Optional)	kW		2.0		6.0		9.0		2.0		6.0		9.0			
Piping connections	Drain OD	mm								17							
Power supply	Phase/Frequency/Voltage	Hz/V								1~/50/230							
Control systems	Wired remote control																

For standard conditions refer to the Measuring Conditions table, at the end of this catalogue

# Concealed ceiling unit with high ESP

AC fan motor unit for horizontal or vertical concealed mounting

- › Quick fixing system for wall or ceiling mounted installation
- › Straight duct connector mounted to discharge side
- › The air filter can easily be removed for cleaning
- › Available static pressure up to 180Pa at maximum speed



More details and final information can be found by scanning or clicking the QR codes.



FWD-AT



FWD-AF

Indoor unit			FWD-AT/AF		04	06	08	10	12	16	18	04	06	08	10	12	16	18		
			2-pipe										4-pipe							
Cooling capacity (standard conditions)	Total capacity	High	kW	3.65	5.71	7.33	8.25	11.86	15.92	17.74	3.62	5.60	7.20	8.10	11.66	15.84	17.66			
		Medium	kW	3.36	5.39	6.63	7.41	10.12	13.83	15.36	3.33	5.32	6.54	7.31	10.00	13.77	15.29			
		Low	kW	2.74	4.99	6.03	6.68	8.42	11.63	12.92	2.73	4.92	5.97	6.61	8.33	11.59	12.87			
	Sensible capacity	High	kW	2.83	4.16	6.04	6.58	9.22	12.21	13.49	2.80	4.08	5.94	6.46	9.06	12.14	13.41			
		Medium	kW	2.59	3.94	5.39	5.86	7.75	10.43	11.40	2.57	3.89	5.31	5.77	7.66	10.38	11.34			
		Low	kW	2.10	3.66	4.84	5.23	6.35	8.61	9.37	2.09	3.60	4.79	5.17	6.29	8.58	9.34			
Heating capacity (standard conditions)		High	kW	4.05	6.42	7.88	8.93	12.72	17.29	19.05	3.91	5.72	7.99	7.94	14.43	19.30	19.20			
		Medium	kW	3.69	6.03	7.11	8.04	10.84	15.05	16.40	3.68	5.51	7.47	7.44	12.63	17.17	17.03			
		Low	kW	3.04	5.59	6.47	7.28	9.06	12.68	13.73	3.23	5.25	7.02	6.99	10.86	14.88	14.79			
Power input	High	kW	0.265	0.460	0.505		0.750	1.300		0.265	0.460	0.505	0.750		1.300					
	Medium	kW	0.19	0.39	0.38		0.54	1.09		0.19	0.39	0.38	0.54		1.09					
	Low	kW	0.14	0.35	0.29		0.37	0.87		0.14	0.35	0.29	0.37		0.87					
Dimensions	Unit	HeightxWidthxLength	mm	559x754x280	559x964x280	559x1,170x280	718x1,170x353	718x1,380x353	559x754x280	559x964x280	559x1,170x280	718x1,170x353	718x1,380x353							
Weight	Unit		kg	32.5	40.6	47.3	48.7	65.3	77.0	79.5	34.7	43.2	50.3	51.7	70.9	83.4	85.9			
Air filter	Type			Acrylic fiber - Filtering class G2 (G4 on request)																
Fan	Type			Centrifugal																
Quantity				1		2			1		2									
	Air flow rate	High	m³/h	802	1,241	1,609	1,584	2,380	3,206	3,175	794	1,212	1,573	1,550	2,328	3,186	3,155			
		Medium	m³/h	700	1,134	1,384	1,371	1,898	2,641	2,604	694	1,115	1,362	1,349	1,871	2,626	2,590			
		Low	m³/h	534	1,021	1,208	1,200	1,485	2,092	2,073	532	1,004	1,194	1,186	1,466	2,084	2,065			
Total sound power level	High	dBA	66.0	69.0	72.0		74.0	78.0	66.0	69.0	72.0	74.0		78.0						
	Medium	dBA	61.0	63.0		67.0		73.0	61.0	64.0		67.0		73.0						
	Low	dBA	54.0	59.0	62.0		60.0	69.0	54.0	61.0	62.0	60.0		69.0						
Sound pressure level	High	dBA	61.0	64.0	67.0		69.0	73.0	61.0	64.0	67.0	69.0		73.0						
	Medium	dBA	56.0	58.0	62.0			68.0	56.0	59.0		62.0		68.0						
	Low	dBA	49.0	54.0	57.0	55.0		64.0	49.0	56.0	57.0	55.0		64.0						
Electric heater	Power input (Optional)	kW	2.0	6.0		9.0		12.0	2.0	6.0		9.0		12.0						
Piping connections	Drain OD	mm											17							
Power supply	Phase/Frequency/Voltage	Hz/V											1~/50/230							
Control systems	Wired remote control													FWEC1A / FWEC2A / FWEC3A / FWCSA / FWTTOUCH						

For standard conditions refer to the Measuring Conditions table, at the end of this catalogue

# Wall mounted unit

## AC fan motor unit for wall mounting

- › High aesthetic cabinet design
- › Optimum air distribution
- › Easy to install
- › Wireless remote control up to 9 m distance
- › 3-speed fan motor
- › Wide operating range
- › Low operating sound level thanks to tangential fan
- › Insulated with self-extinguishing class 1 heat insulation
- › Removable washable air filter (self-extinguishing class 1)



More details and final information can be found by scanning or clicking the QR codes.



FWT-GT

Indoor unit			FWT-GT	02	03	04	05	06		
				2-pipe						
Cooling capacity (standard conditions)	Total capacity	High kW	2.40	2.67	3.27	4.49	5.21			
		Medium kW	2.20	2.23	2.79	4.02	4.32			
		Low kW	1.94	2.02	2.52	3.76	4.04			
	Sensible capacity	High kW	1.82	1.99	2.60	3.38	4.03			
		Medium kW	1.73	1.69	2.21	3.00	3.52			
		Low kW	1.50	1.49	1.91	2.77	3.22			
Heating capacity (standard conditions)	High kW	2.71	2.96	3.71	5.07	6.23				
	Medium kW	2.41	2.62	3.29	4.51	5.38				
	Low kW	2.06	2.25	2.75	4.03	4.83				
Power input	High kW	0.031	0.032	0.042	0.053	0.072				
	Medium kW		0.03	0.04	0.05	0.07				
	Low kW		0.03		0.04	0.06				
FCEER				D			C	D		
FCCOP					C					
Dimensions	Unit	HeightxWidthxLength	mm	288x800x206			310x1,070x224			
Weight	Unit		kg	9.00			14.0			
Casing	Colour			White						
Air filter	Type			Washable Saranet						
Fan	Type			Cross flow fan						
	Quantity			1						
Total sound power level	Air flow rate	High m³/h	442	476	629	866	1,053			
		Medium m³/h	391	425	544	765	883			
		Low m³/h	340	374	442	663	782			
Sound pressure level	High dBA	45.0	48.0		55.0		59.0			
	Medium dBA	41.0	44.0		50.0		54.0			
	Low dBA	36.0	39.0		45.0		51.0			
Piping connections	Drain OD mm				19					
	Power supply Phase/Frequency/Voltage Hz/V			1N~/50/220-240						
	Control systems Infrared remote control			WRC-HPC						
	Wired remote control			MERCA / SRC-HPA						

For standard conditions refer to the Measuring Conditions table, at the end of this catalogue

