

Ducted unit with medium 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
- › Available static pressure up to 70 Pa
- › The air filter can easily be removed for cleaning
- › Straight duct connector mounted to discharge side



		FWN-AT/AF		04	05	06	07	08	10	04	05	06	07	08	10	
						2-pipe				4-pipe						
Cooling capacity	Total capacity	High	kW	3.91 (1) / 3.80 (2)	4.76 (1) / 4.65 (2)	6.17 (1) / 6.02 (2)	6.81 (1) / 6.66 (2)	7.83 (1) / 7.58 (2)	8.75 (1) / 8.50 (2)	3.88 (1) / 2.76 (3)	4.72 (1) / 3.60 (3)	6.06 (1) / 4.54 (3)	6.69 (1) / 5.17 (3)	7.70 (1) / 5.22 (3)	8.60 (1) / 6.12 (3)	
		Medium	kW	3.54 (1) / 3.47 (2)	4.27 (1) / 4.20 (2)	5.77 (1) / 5.65 (2)	6.37 (1) / 6.25 (2)	7.01 (1) / 6.84 (2)	7.79 (1) / 7.62 (2)	3.51 (1) / 2.78 (3)	4.24 (1) / 3.51 (3)	5.70 (1) / 4.45 (3)	6.29 (1) / 5.04 (3)	6.92 (1) / 5.22 (3)	7.69 (1) / 5.99 (3)	
		Low	kW	2.87 (1) / 2.83 (2)	3.42 (1) / 3.38 (2)	5.33 (1) / 5.23 (2)	5.87 (1) / 5.77 (2)	6.32 (1) / 6.20 (2)	6.97 (1) / 6.85 (2)	2.86 (1) / 2.46 (3)	3.40 (1) / 3.00 (3)	5.26 (1) / 4.24 (3)	5.81 (1) / 4.79 (3)	6.26 (1) / 5.02 (3)	6.90 (1) / 5.66 (3)	
	Sensible capacity	High	kW	3.09 (1) / 2.98 (2)	3.68 (1) / 3.57 (2)	4.63 (1) / 4.48 (2)	5.21 (1) / 5.06 (2)	6.55 (1) / 6.30 (2)	7.10 (1) / 6.85 (2)	3.06 (1) / 1.94 (3)	3.64 (1) / 2.52 (3)	4.54 (1) / 3.02 (3)	5.11 (1) / 3.59 (3)	6.43 (1) / 3.95 (3)	6.96 (1) / 4.48 (3)	
		Medium	kW	2.77 (1) / 2.70 (2)	3.26 (1) / 3.19 (2)	4.32 (1) / 4.20 (2)	4.85 (1) / 4.73 (2)	5.77 (1) / 5.60 (2)	6.24 (1) / 6.07 (2)	2.75 (1) / 2.02 (3)	3.24 (1) / 2.51 (3)	4.27 (1) / 3.02 (3)	4.78 (1) / 3.53 (3)	5.69 (1) / 3.99 (3)	6.15 (1) / 4.45 (3)	
		Low	kW	2.23 (1) / 2.19 (2)	2.58 (1) / 2.54 (2)	3.99 (1) / 3.89 (2)	4.45 (1) / 4.35 (2)	5.14 (1) / 5.02 (2)	5.53 (1) / 5.41 (2)	2.22 (1) / 1.82 (3)	2.56 (1) / 2.16 (3)	3.94 (1) / 3.92 (3)	4.40 (1) / 3.38 (3)	5.09 (1) / 3.85 (3)	5.47 (1) / 4.23 (3)	
Heating capacity	High	kW	4.85 (4) / 8.22 (5)	5.79 (4) / 9.78 (5)	7.67 (4) / 13.02 (5)	8.65 (4) / 14.68 (5)	9.46 (4) / 15.98 (5)	10.70 (4) / 18.10 (5)	4.48 (4)	4.45 (4)	6.53 (4)	6.44 (4)	9.13 (4)	9.07 (4)		
	Low	kW	3.63 (4) / 6.16 (5)	4.24 (4) / 7.17 (5)	6.68 (4) / 11.31 (5)	7.49 (4) / 12.71 (5)	7.74 (4) / 13.10 (5)	8.70 (4) / 14.74 (5)	3.70 (4)	3.69 (4)	5.98 (4)	5.93 (4)	8.01 (4)	7.98 (4)		
Power input	High	W	112 (6)				152 (6)		248 (6)		112 (2)		152 (2)		248 (2)	
	Medium	W	73 (6)				125 (6)		170 (6)		73 (2)		125 (2)		170 (2)	
	Low	W	40 (6)				102 (6)		124 (6)		40 (2)		102 (2)		124 (2)	
FCEER			C	B	C				B		C					
FCCOP			B	A	B		C		B		C					
Weight	Unit	kg	32.5	33.3	40.6	41.7	47.3	48.7	-							
	2-pipe Unit	kg	-						32.5	33.3	40.6	41.7	47.3	48.7		
	4-pipe Unit	kg	-						34.7	35.5	43.2	44.3	50.3	51.7		
Water pressure drop	Cooling	High	kPa	17 (6) / 17 (1)	14 (6) / 14 (1)	24 (6) / 24 (1)	19 (6) / 19 (1)	24 (6) / 24 (1)	16 (6) / 16 (1)	17 (1)	14 (1)	23 (1)	19 (1)	23 (1)	15 (1)	
	Heating	High	kPa	14 (4) / 15 (5)	12 (4) / 12 (5)	19 (4) / 21 (5)	15 (4) / 17 (5)	20 (4) / 20 (5)	13 (4) / 13 (5)	9 (4)	17 (4)	14 (4)	13 (4)	30 (4)		
Water heat exchanger	Water flow rate	Cooling	High	l/min	11.19 (1)	13.62 (1)	17.65 (1)	19.48 (1)	22.40 (1)	25.02 (1)	11.10 (1)	13.50 (1)	17.33 (1)	19.13 (1)	22.03 (1)	24.60 (1)
			Medium	l/min	10.12 (1)	12.20 (1)	16.50 (1)	18.22 (1)	20.03 (1)	22.27 (1)	10.03 (1)	12.12 (1)	16.30 (1)	17.98 (1)	19.78 (1)	21.98 (1)
			Low	l/min	8.22 (1)	9.78 (1)	15.25 (1)	16.80 (1)	17.92 (1)	19.95 (1)	8.18 (1)	9.73 (1)	15.07 (1)	16.63 (1)	17.92 (1)	19.75 (1)
	Heating	High	l/min	12.02 (5)	14.32 (5)	19.03 (5)	21.48 (5)	23.37 (5)	26.47 (5)	6.55 (4)	6.52 (4)	9.55 (4)	9.43 (4)	13.35 (4)	13.27 (4)	
		Medium	l/min	10.93 (5)	12.90 (5)	17.87 (5)	20.13 (5)	21.07 (5)	23.80 (5)	6.15 (4)	6.12 (4)	9.18 (4)	9.08 (4)	12.48 (4)	12.43 (4)	
		Low	l/min	9.00 (5)	10.48 (5)	16.53 (5)	18.58 (5)	19.15 (5)	21.55 (5)	5.40 (4)	8.75 (4)	8.75 (4)	8.68 (4)	11.72 (4)	11.68 (4)	
Fan	Air flow rate	High	m³/h	802 (6)	792 (6)	1,241 (6)	1,206 (6)	1,609 (6)	1,584 (6)	794 (2)	784 (2)	1,212 (2)	1,179 (2)	1,573 (2)	1,550 (2)	
		Low	m³/h	534 (6)	531 (6)	1,021 (6)	998 (6)	1,208 (6)	1,200 (6)	532 (2)	529 (2)	1,004 (2)	985 (2)	1,194 (2)	1,186 (2)	
Sound power level	Total	High	dB(A)	66 (3)		69 (3)		72 (3)		66 (5)		69 (5)		72 (5)		
		Medium	dB(A)	61 (3)		63 (3)		67 (3)		61 (5)		64 (5)		67 (5)		
		Low	dB(A)	54 (3)		59 (3)		61 (3)		54 (5)		61 (5)		62 (5)		
	Inlet section + radiated	High	dB(A)	64 (3) / 64 (6)		66 (3) / 66 (6)		70 (3) / 70 (6)		64 (5) / 64 (2)		66 (5) / 66 (2)		70 (5) / 70 (2)		
		Medium	dB(A)	59 (3) / 59 (6)		60 (3) / 60 (6)		64 (3) / 64 (6)		59 (5) / 59 (2)		60 (5) / 60 (2)		64 (5) / 64 (2)		
		Low	dB(A)	52 (3) / 52 (6)		56 (3) / 56 (6)		60 (3) / 60 (6)		52 (5) / 52 (2)		56 (5) / 56 (2)		60 (5) / 60 (2)		
	Outlet section	High	dB(A)	63 (3) / 63 (6)		65 (3) / 65 (6)		69 (3) / 69 (6)		63 (5) / 63 (2)		65 (5) / 65 (2)		69 (5) / 69 (2)		
		Medium	dB(A)	58 (3) / 58 (6)		59 (3) / 59 (6)		63 (3) / 63 (6)		58 (5) / 58 (2)		62 (5) / 62 (2)		63 (5) / 63 (2)		
		Low	dB(A)	51 (3) / 51 (6)		55 (3) / 55 (6)		58 (3) / 58 (6)		51 (5) / 51 (2)		59 (5) / 59 (2)		58 (5) / 58 (2)		
Water connections	Primary coil	inch	3/4"						3/4"							
	Additional coil	inch	-						3/4"							
Water content	Primary coil	dm³	1.29	1.64	1.65	2.13	2.16	2.75	1.29	1.64	1.65	2.13	2.16	2.75		
	Additional coil	dm³	-						0.93		1.05		1.17			
Power supply	Phase/Frequency/Voltage	Hz/V	1~/50/230													
Control systems	Wired remote control		FWEC3A / FWEC3A													

(1) Inlet/outlet water temperature 7/12 °C; inlet air temperature 27°C DB 19°C WB (2) Reference: EN 1397; Eurovent certified data (3) Reference: UNI EN 3741 (4) Inlet water temperature 50 °C; same water flow as in cooling mode; inlet air temperature 20°C DB; Eurovent certified data (5) Inlet/outlet water temperature 70/60 °C; inlet air temperature 20°C DB (6) Eurovent certified data | FCEER and FCCOP are Eurovent certified data