

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 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



		FWP-AT	02	03	04	05	06	07		
Cooling capacity (standard conditions)	Latent capacity 2-pipe	Fan speed 7	kW	0.67	0.92	1.06	1.35	1.41	1.87	
		Fan speed 1	kW	0.95	1.03	1.11	1.62	1.79	1.92	
		Fan speed 2	kW	1.02	1.17	1.23	1.82	1.88	2.15	
		Fan speed 3	kW	1.10	1.25	1.32	2.20	2.22	2.55	
		Fan speed 4	kW	1.29	1.47	1.56	2.69	2.79	3.19	
		Fan speed 5	kW	1.41	1.61	1.72	2.82	2.94	3.36	
		Fan speed 6	kW	1.53	1.85	1.99	2.91	3.06	3.49	
	Total capacity 2-pipe	Fan speed 7	kW	1.71	1.96	2.13	3.23	3.44	3.93	
		Fan speed 1	kW	1.35	1.51	1.69	2.23	2.58	2.86	
		Fan speed 2	kW	1.38	1.70	1.83	2.52	2.55	3.15	
		Fan speed 3	kW	1.50	1.83	1.97	3.07	2.97	3.75	
		Fan speed 4	kW	1.77	2.14	2.33	3.79	3.87	4.71	
		Fan speed 5	kW	1.95	2.35	2.57	3.97	4.10	4.96	
		Fan speed 6	kW	2.12	2.70	2.98	4.11	4.28	5.15	
Heating capacity (standard conditions)	Capacity 2-pipe	Fan speed 7	kW	2.38	2.88	3.19	4.58	4.85	5.80	
		Fan speed 1	kW	1.40	1.48	1.53	2.46	2.59	2.74	
		Fan speed 2	kW	1.56	1.67	1.74	2.71	2.96	3.12	
		Fan speed 3	kW	1.68	1.80	1.88	3.23	3.45	3.64	
		Fan speed 4	kW	1.93	2.08	2.19	3.93	4.25	4.53	
		Fan speed 5	kW	2.11	2.29	2.42	4.10	4.45	4.76	
		Fan speed 6	kW	2.27	2.62	2.80	4.24	4.61	4.95	
		Fan speed 7	kW	2.54	2.80	3.00	4.71	5.15	5.56	
		Power input	Fan speed 1	kW		0.01				0.02
			Fan speed 2	kW		0.01				0.02
Fan speed 3	kW			0.02				0.03		
Fan speed 4	kW			0.02				0.05		
Fan speed 5	kW			0.03				0.05		
Fan speed 6	kW			0.033				0.065		
Fan speed 7	kW			0.046				0.076		
FCEER						A				
FCCOP						A				
Dimensions	Unit	Height x Width x Depth	mm	551 x 1,040 x 239			551 x 1,390 x 239			
Weight	Unit		kg	26.0	27.0	29.0	35.0	37.0	39.0	
Heat exchanger	Water volume		l	1			2		3	
Water flow	Cooling	Fan speed 1	l/h	219	256	283	318	400	465	
		Fan speed 2	l/h	238	294	316	436	440	544	
		Fan speed 3	l/h	259	318	342	533	516	649	
		Fan speed 4	l/h	307	372	403	659	647	817	
		Fan speed 5	l/h	340	410	448	690	712	859	
		Fan speed 6	l/h	369	471	519	715	744	894	
		Fan speed 7	l/h	418	502	555	799	847	1,009	
	Heating	Fan speed 1	l/h	242	256	265	372	448	469	
		Fan speed 2	l/h	272	290	302	472	515	542	
		Fan speed 3	l/h	292	313	327	562	600	634	
		Fan speed 4	l/h	335	362	381	684	739	789	
		Fan speed 5	l/h	367	399	422	713	774	828	
		Fan speed 6	l/h	395	456	487	738	802	860	
		Fan speed 7	l/h	442	486	521	819	898	969	
Fan	Type			Centrifugal						
	Quantity			1			2			
	Air flow rate	Fan speed 1	m ³ /h		184		283		331	
		Fan speed 2	m ³ /h		210		371		385	
		Fan speed 3	m ³ /h		228			455		
		Fan speed 4	m ³ /h		267			576		
		Fan speed 5	m ³ /h		297			607		
		Fan speed 6	m ³ /h	324		345		633		
Fan speed 7		m ³ /h		371			722			
Air filter	Type		Acrylic fiber - Filtering class G2 (G3 on request)							
Total sound power level	Fan speed 1	dBA	36		38		39			
	Fan speed 2	dBA	40				43			
	Fan speed 3	dBA	43				47			
	Fan speed 4	dBA	46				52			
	Fan speed 5	dBA	50				54			
	Fan speed 6	dBA	52				56			
	Fan speed 7	dBA	58				60			
Sound pressure level	Fan speed 1	dBA	31		33		34			
	Fan speed 2	dBA	35				38			
	Fan speed 3	dBA	38				42			
	Fan speed 4	dBA	41				47			
	Fan speed 5	dBA	45				49			
	Fan speed 6	dBA	47				51			
	Fan speed 7	dBA	53				55			
Electric heater	Power input		kW	2.0				2.5		
Piping connections	Drain	OD	mm	17						
Power supply	Phase/Frequency		Hz/V	1~/50						