

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		
		min	med	max	min	med	max	min	med	max	min	med	max	min	med	max	min	med	max	min	med	max	min	med	max
2-pipe																									
Speed		2,5,7			1,5,7			1,6,7			1,4,7			1,6,7			1,6,7			5,6,7			5,6,7		
Declared speed		2,5,7			1,5,7			1,6,7			1,4,7			1,6,7			1,6,7			5,6,7			5,6,7		
Control voltage (E)	V	2.90	8.00	9.00	4.30	7.50	8.40	4.50	7.40	8.30	5.40	8.30	9.90	3.40	7.60	8.50	3.40	7.60	8.50	6.80	7.50	8.30	6.80	7.50	8.30
Rated air flow (E)	m ³ /h	109	246	276	171	275	341	195	360	402	305	532	652	333	687	760	333	687	760	1,050	1,163	1,289	1,050	1,163	1,289
Available static pressure (E)	Pa	10	50	63	19	50	77	19	50	63	17	50	75	12	50	61	12	50	61	40	50	60	40	50	60
Power input (E)	W	6	25	33	10	24	39	10	26	35	22	51	77	11	54	68	11	54	68	105	128	162	105	128	162
Maximum current absorption	A	0.32			0.60			0.84			0.84			0.91			0.91			3.52			3.52		
Total cooling capacity (1)(E)	kW	0.93	1.76	1.95	1.29	1.95	2.34	1.59	2.74	3.04	1.98	3.26	3.79	2.29	4.34	4.75	2.51	4.91	5.35	6.28	6.81	7.38	7.04	7.64	8.28
Sensible cooling capacity (1)(E)	kW	0.62	1.25	1.39	0.91	1.39	1.66	1.09	1.91	2.11	1.48	2.48	2.92	1.67	3.21	3.51	1.77	3.45	3.76	4.64	5.03	5.46	4.96	5.38	5.84
FCEER class (E)		A															C			B					
Water flow (2)	l/h	161	306	340	222	339	408	274	476	527	343	568	664	394	753	828	432	850	930	1,094	1,190	1,295	1,225	1,332	1,448
Water pressure drop (2)(E)	kPa	2	5	6	3	6	8	3	7	9	3	8	11	2	7	8	3	10	12	13	16	18	20	23	-
Heating capacity (3)(E)	kW	0.88	1.21	1.99	1.33	1.98	2.35	1.59	2.80	3.10	2.35	3.71	4.31	2.54	4.76	5.17	2.63	5.03	5.49	6.68	7.22	7.80	7.18	7.80	8.46
FCCOP class (E)		A															B								
Water flow (3)	l/h	153	315	346	231	345	408	276	488	538	408	644	749	441	827	898	457	875	955	1,162	1,256	1,356	1,248	1,355	1,471
Water pressure drop (3)(E)	kPa	1	4	5	2	5	7	2	6	8	4	9	11	2	7	8	3	9	11	12	14	16	17	19	22
Standard coil - number of rows		3			3			4			3			3			4			3			4		
Total sound power level (4)	dB(A)	28	49	52	39	50	54	39	50	54	38	52	58	38	55	58	38	55	58	61	63	69	61	63	69
Inlet + radiated sound power level (4)(E)	dB(A)	26	47	50	37	48	52	37	48	52	36	50	56	36	53	56	36	53	56	59	61	67	59	61	67
Outlet sound power level (4)(E)	dB(A)	25	46	49	36	47	51	36	47	51	35	49	55	35	52	55	35	52	55	58	60	66	58	60	66
Water content - standard coil	dm ³	1.20			1.20			2.20			1.60			2.50			3.30			2.50			3.30		
Cross-section area of power cables (5)	mm ²	1.00			1.00			1.00			1.00			1.00			1.00			1.50			1.50		
4-pipe																									
Speed		2,5,7			1,5,7			1,6,7			1,4,7			1,6,7			1,6,7			5,6,7			5,6,7		
Declared speed		2,5,7			1,5,7			1,6,7			1,4,7			1,6,7			1,6,7			5,6,7			5,6,7		
Control voltage (E)	V	2.90	7.90	8.90	4.50	7.30	8.90	4.50	7.40	8.30	5.40	8.30	9.90	3.40	7.60	8.50	3.40	7.60	8.50	6.80	7.50	8.30	6.80	7.50	8.30
Rated air flow (E)	m ³ /h	109	243	270	170	272	336	195	357	398	302	524	642	333	683	755	333	683	755	1,050	1,163	1,289	1,050	1,163	1,289
Available static pressure (E)	Pa	10	50	63	19	50	77	19	50	63	17	50	75	12	50	61	12	50	61	40	50	60	40	50	60
Power input (E)	W	6	25	32	10	23	39	10	26	35	21	50	77	11	54	67	11	54	67	105	128	162	105	128	162
Maximum current absorption	A	0.32			0.60			0.84			0.84			0.91			0.91			3.52			3.52		
Total cooling capacity (1)(E)	kW	0.93	1.74	1.91	1.28	1.93	2.31	1.59	2.72	3.01	1.95	3.22	3.75	2.29	4.32	4.72	2.51	4.88	5.32	6.28	6.81	7.38	7.04	7.64	8.28
Sensible cooling capacity (1)(E)	kW	0.62	1.24	1.36	0.90	1.38	1.64	1.09	1.89	2.09	1.47	2.44	2.89	1.67	3.19	3.48	1.77	3.43	3.74	4.64	5.03	5.46	4.96	5.38	5.84
FCEER class (E)		A															C			B					
Water flow (2)	l/h	161	302	333	221	335	404	274	473	522	339	562	656	394	749	822	432	846	925	1,094	1,190	1,295	1,225	1,332	1,448
Water pressure drop (2)(E)	kPa	2	5	6	3	6	8	3	7	9	3	8	11	2	7	8	3	10	12	13	16	18	20	23	26
Heating capacity (3)(E)	kW	1.14	1.93	2.06	1.55	2.07	2.32	2.09	3.09	3.29	2.80	3.82	4.24	3.40	5.17	5.45	3.40	5.17	5.45	6.42	6.73	7.06	6.42	6.73	7.06
FCCOP class (E)		A															C			C					
Water flow (3)	l/h	100	169	180	136	181	204	183	271	288	245	334	371	297	452	477	297	452	477	562	589	618	562	589	618
Water pressure drop (3)(E)	kPa	1	2	3	2	3	3	2	3	4	3	5	6	6	13	14	6	13	14	19	21	22	19	21	22
Total sound power level (4)	dB(A)	28	49	52	39	50	54	39	50	54	38	52	58	38	55	58	38	55	58	61	63	69	61	63	69
Standard coil - number of rows	dB(A)	3+1			3+1			4+1			3+1			3+1			4+1			3+1			4+1		
Inlet + radiated sound power level (4)(E)	dB(A)	26	47	50	37	48	52	37	48	52	36	50	56	36	53	56	36	53	56	59	61	67	59	61	67
Outlet sound power level (4)(E)	dB(A)	25	46	49	36	47	51	36	47	51	35	49	55	35	52	55	35	52	55	58	60	66	58	60	66
Water content - standard coil	dm ³	0.47			0.47			0.59			0.59			0.97			0.97			0.97			0.97		
Cross-section area of power cables (5)	mm ²	1.00			1.00			1.00			1.00			1.00			1.00			1.50			1.50		
Power supply cable type		N07V-K																							
Safety fuse F	A	1			1			1			1			1			1			2			2		
Fuses type		gG																							
Power supply	Phase/Frequency	Hz																							
Control systems	Wired remote control	FWEC3A / FWEC3A / FWTOUCH / FWEC10																							

(1) Water temperature 7°C / 12°C, air temperature dry bulb 27°C, wet bulb 19°C, (47% relative humidity) according to EN1397:2015 | (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