

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



			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)	Latent capacity	High	kW	0.34	0.44	0.54	0.82	0.76	1.18	0.98	1.80	2.06	0.32	0.42	0.33	0.53	0.80	0.75	1.17	1.19	1.79	2.03													
		Sensible capacity	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											
	Total capacity	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												
		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												
Heating capacity (standard conditions)	Capacity	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												
		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												
	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	6.46	7.64													
	Power input	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													
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														
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														
FCEER	Unit	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	0.02	0.03	0.04	0.05	0.09	0.11										
		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														
		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	0.037	0.053	0.057	0.056	0.065	0.098	0.182	0.244								
FCCOP			E				D				E				D				E																
Dimensions	Unit	Height x Width x Depth	mm	564 x 774 x 246				564 x 984 x 246				564 x 1,190 x 246				564 x 1,400 x 271				564 x 774 x 246				564 x 984 x 246				564 x 1,190 x 246				564 x 1,400 x 271			
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			White - RAL9010																															
Heat exchanger	Water volume		l	0	1				2				0	1				2																	
Additional heat exchanger	Water volume		l	-																															
Water flow	Cooling	Low	l/h	179	216	234	275	302	340	431	515	682	706	169	212	216	272	297	336	425	535	676	699												
		Medium	l/h	213	261	292	348	408	451	561	628	905	1,071	196	254	267	343	400	447	554	654	898	1,058												
		High	l/h	264	299	337	415	503	602	743	774	1,152	1,376	250	291	307	409	493	594	730	802	1,138	1,352												
	Heating	Low	l/h	211	252	260	302	301	415	430	575	690	764	115	120	119	156	165	247	238	311	440	425												
		Medium	l/h	256	300	315	393	408	545	563	709	898	1,135	130	137	136	191	202	304	281	357	527	551												
		High	l/h	317	320	373	469	506	704	736	866	1,129	1,455	146	154	222	234	368	334	406	610	643													
Fan	Type			Centrifugal																															
	Quantity			1				2				1				2																			
	Air flow rate	Low	m³/h	178	211	241	320	361	470	570	642	174	205	238	237	316	356	460	565	636															
		Medium	m³/h	233	271	341	450	497	605	771	1,022	225	261	334	332	444	490	593	765	1,007															
High		m³/h	319	344	442	640	706	785	1,011	1,393	307	330	327	432	431	628	690	763	998	1,362															
Air filter	Type			Polypropylene net																															
	Total sound power level	Low	dB(A)	37	38	40	35	36	35	43	47	49	33	40	38	34	33	36	39	48	46	48													
		Medium	dB(A)	42	44	43	42	43	49	54	60	39	44	43	41	45	46	53	54	58															
High		dB(A)	47	49	50	48	52	53	56	61	67	45	49	50	48	47	53	56	58	60	66														
Sound pressure level	Low	dB(A)	32	33	35	30	31	30	38	42	44	28	33	29	28	29	32	41	43	41	43														
	Medium	dB(A)	37	39	38	37	38	44	49	55	34	39	38	36	38	41	48	49	53																
	High	dB(A)	42	44	45	43	47	48	51	56	62	40	44	45	43	42	46	51	54	55	61														
Electric heater	Power input	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	16																															
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/230																															
Current input	Low	A	0.09	0.11	0.14	0.19	0.39	0.54	0.09	0.11	0.14	0.19	0.39	0.54	0.09	0.11	0.14	0.19	0.39	0.54															
	Medium	A	0.11	0.14	0.20	0.29	0.28	0.57	0.78	0.11	0.14	0.20	0.29	0.28	0.57	0.78	0.11	0.14	0.20	0.29	0.28	0.57	0.78												
	High	A	0.16	0.20	0.27	0.40	0.39	0.80	1.07	0.16	0.20	0.27	0.40	0.39	0.80	1.07	0.16	0.20	0.27	0.40	0.39	0.80	1.07												