

Flexi type unit

FWL-DAT/DAF



AC fan motor unit for horizontal or vertical mounting

- › 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
- › Electric heater: no relay up to 2kW capacity
- › Electric heater: equipped with two overheat cut-out thermostats
- › High efficiency heat exchanger
- › Washable air filter, easily removable for maintenance

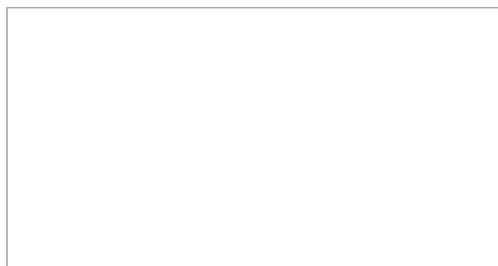
FWL-DAT/DAF



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(1)	0.44(1)	0.54(1)	0.82(1)	0.76(1)	1.18(1)	0.98(1)	1.80(1)	2.06(1)	0.32(1)	0.42(1)	0.33(1)	0.53(1)	0.80(1)	0.75(1)	1.17(1)	1.19(1)	1.79(1)	2.03(1)	
		Low	kW	0.77(1)	0.93(1)	0.98(1)	1.15(1)	1.23(1)	1.41(1)	1.76(1)	2.27(1)	2.75(1)	2.94(1)	0.73(1)	0.91(1)	0.96(1)	1.14(1)	1.21(1)	1.40(1)	1.74(1)	2.23(1)	2.73(1)	2.91(1)
	Sensible capacity	Medium	kW	0.94(1)	1.10(1)	1.20(1)	1.53(1)	1.66(1)	1.99(1)	2.39(1)	2.85(1)	3.70(1)	4.46(1)	0.87(1)	1.07(1)	1.18(1)	1.50(1)	1.62(1)	1.96(1)	2.36(1)	2.80(1)	3.67(1)	4.40(1)
		High	kW	1.16(1)	1.25(1)	1.37(1)	1.82(1)	2.05(1)	2.69(1)	3.05(1)	3.55(1)	4.73(1)	5.72(1)	1.10(1)	1.22(1)	1.41(1)	1.79(1)	2.01(1)	2.61(1)	2.99(1)	3.47(1)	4.67(1)	5.61(1)
Total capacity	Capacity	Low	kW	1.02(1)	1.24(1)	1.34(1)	1.57(1)	1.73(1)	1.94(1)	2.47(1)	2.95(1)	3.88(1)	4.00(1)	0.97(1)	1.22(1)	1.24(1)	1.55(1)	1.70(1)	1.92(1)	2.44(1)	3.06(1)	3.84(1)	3.96(1)
		Medium	kW	1.21(1)	1.48(1)	1.66(1)	1.99(1)	2.34(1)	2.58(1)	3.21(1)	3.59(1)	5.14(1)	6.07(1)	1.11(1)	1.44(1)	1.52(1)	1.96(1)	2.29(1)	2.54(1)	3.17(1)	3.74(1)	5.10(1)	5.99(1)
		High	kW	1.50(1)	1.69(1)	1.91(1)	2.36(1)	2.87(1)	3.45(1)	4.23(1)	4.41(1)	6.53(1)	7.78(1)	1.42(1)	1.64(1)	1.74(1)	2.32(1)	2.81(1)	3.36(1)	4.16(1)	4.57(1)	6.46(1)	7.64(1)
Heating capacity (standard conditions)	Capacity	Low	kW	1.21(2)	1.45(2)	1.50(2)	1.74(2)	1.76(2)	2.39(2)	2.47(2)	3.31(2)	3.97(2)	4.39(2)	1.31(3)	1.36(3)	1.78(3)	1.88(3)	2.82(3)	2.73(3)	3.55(3)	5.02(3)	4.85(3)	
		Medium	kW	1.48(2)	1.72(2)	1.81(2)	2.26(2)	2.37(2)	3.13(2)	3.24(2)	4.08(2)	5.17(2)	6.53(2)	1.49(3)	1.56(3)	2.18(3)	2.31(3)	3.47(3)	3.22(3)	4.07(3)	6.02(3)	6.29(3)	
		High	kW	1.82(2)	1.84(2)	2.15(2)	2.70(2)	2.94(2)	4.05(2)	4.24(2)	4.98(2)	6.49(2)	8.37(2)	1.66(3)	1.76(3)	2.53(3)	2.68(3)	4.20(3)	3.82(3)	4.64(3)	6.97(3)	7.35(3)	
Power input	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			
	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					
FCEER	E				D				E				D				E						
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							
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																					
Additional heat exchanger	Water volume	l																					
Water flow	Cooling	Low	l/h	169	212	216	272	297	336	425	535	676	699	179	216	234	275	302	340	431	515	682	706
		Medium	l/h	196	254	267	343	400	447	554	654	898	1,058	213	261	292	348	408	451	561	628	905	1,071
		High	l/h	250	291	307	409	493	594	730	802	1,138	1,352	264	299	337	415	503	602	743	774	1,152	1,376
	Heating	Low	l/h	115	120	119	156	165	247	238	311	440	425	211	252	260	302	301	415	430	575	690	764
		Medium	l/h	130	137	136	191	202	304	281	357	527	551	256	300	315	393	408	545	563	709	898	1,135
High	l/h	146	154	222	234	368	334	406	610	643	317	320	373	469	506	704	736	866	1,129	1,455			
Fan	Type	Centrifugal																					
	Quantity	1																					
	Air flow rate	Low	m³/h	174	205	238	237	316	356	460	565	636	178	211	241	320	361	470	570	642			
Medium		m³/h	225	261	334	332	444	490	593	765	1,007	233	271	341	450	497	605	771	1,022				
High		m³/h	307	330	327	432	431	628	690	763	998	1,362	319	344	442	640	706	785	1,011	1,393			
Air filter	Type	Polypropylene net																					
	Total sound power level	Low	dBA	33(4)	40(4)	38(4)	34(4)	33(4)	36(4)	39(4)	48(4)	46(4)	48(4)	37(4)	38(4)	40(4)	35(4)	36(4)	35(4)	43(4)	47(4)	49(4)	
		Medium	dBA	39(4)	44(4)	43(4)	41(4)	45(4)	46(4)	53(4)	54(4)	58(4)	42(4)	44(4)	43(4)	42(4)	43(4)	49(4)	54(4)	60(4)			
High		dBA	45(4)	49(4)	50(4)	48(4)	47(4)	53(4)	56(4)	58(4)	60(4)	66(4)	47(4)	49(4)	50(4)	48(4)	52(4)	53(4)	56(4)	61(4)	67(4)		
Sound pressure level	Low	dBA	28(5)	33(5)	29(5)	28(5)	29(5)	32(5)	43(5)	41(5)	43(5)	32(5)	33(5)	35(5)	30(5)	31(5)	30(5)	38(5)	42(5)	44(5)			
	Medium	dBA	34(5)	39(5)	38(5)	36(5)	38(5)	41(5)	48(5)	49(5)	53(5)	37(5)	39(5)	38(5)	37(5)	38(5)	44(5)	49(5)	55(5)				
	High	dBA	40(5)	44(5)	45(5)	43(5)	42(5)	46(5)	51(5)	54(5)	55(5)	61(5)	42(5)	44(5)	45(5)	43(5)	47(5)	48(5)	51(5)	56(5)	62(5)		
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									
	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							
	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							

(1) Cooling: indoor temp. 27°CDB, 19°CWB; entering water temp. 7°C, water temperature rise 5K.
 (2) Heating: indoor temp. 20°CDB, 15°CWB; entering water temp. 45°C, water temperature drop 5K.
 (3) Heating: indoor temp. 20°CDB, 15°CWB; entering water temp. 65°C, water temperature drop 10K.
 (4) Sound power level according to ISO3741
 (5) The sound pressure level is measured via a microphone at 1m distance of the unit.

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)



Daikin Europe N.V. participates in the Eurovent Certification programme for Liquid Chilling Packages (LCP), Air handling units (AHU), Fan coil units (FCU) and variable refrigerant flow systems (VRF) Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

ECPEN17-490

05/17



The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.