

DAF DUCTED MEDIUM STATIC PRESSURE / FIXED SPEED



DAF 12-18



DAF 24-30



DAF 36-42



DAF 48-60



DAF 102-136

+ PRODUCTS

- Wired remote control provided as standard.
- Operating in low condition down to -15°C in cooling.
- Centralized controller up to 16 units including weekly timer (optional).

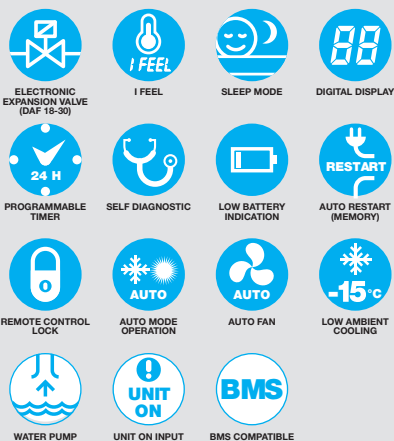


RCWE

RC08A
(optional)

RCW4
(optional)

FEATURES



- Cooling & heating operation mode.
- "I Feel" function with precise room temperature control.
- Water pump provided as option.
- Self-diagnostic (error indications) for ease of maintenance (via RCWE).
- On-off input (except sizes 9 and 12).
- Sleep mode, absent mode (via RCWE).
- All seasons kit integrated: down to -15°C in cooling mode.

DAF DUCTED MEDIUM STATIC PRESSURE / FIXED SPEED

DAF SINGLE PHASE TECHNICAL DATA

Indoor units		AWSI-DAF012-N11	AWSI-DAF018-N11	AWSI-DAF024-N11	AWSI-DAF030-N11
Outdoor units 1~230V - 50 Hz		AWAU-YIF012-H11	AWAU-YIF018-H11	AWAU-YIF024-H11	AWAU-YIF030-H11
COOLING					
Rated capacity	kW	3.60	5.00	7.00	8.30
Rated input power	kW	1.35	2.00	2.50	2.80
EER/Energy Label		2.67/D	2.5/E	2.8/C	2.96/C
Operating limits	°C	-15°/46° Dry bulb			
HEATING					
Rated capacity	kW	3.70	5.40	7.40	8.80
Rated input power	kW	1.30	1.90	2.30	2.70
COP/Energy Label		2.85/D	2.84/D	3.21/C	3.26/C
Operating limits	°C	-7°/24° Dry bulb		-10°/24° Dry bulb	
INDOOR UNIT					
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	34/36/37	29/30/33	32/34/38	44/45/46
Sound power level (LS/MS/HS)	dB(A)	44/46/47	39/40/43	42/44/48	54/55/56
Airflow (LS/MS/HS)	m³/h	400/470/560	520/560/660	810/920/1070	1190/1270/1330
Dehumidification	l/h	1.2	1.5	2	2.2
External static pressure	Pa	25	25	25	37
Outline dimensions (WxHxD)	mm	700x200x485	1015x275x720	1260x270x555	1260x270x555
Package dimensions (WxHxD)	mm	1003x285x551	1123x323x798	1348x283x597	1348x283x597
Net weight/Gross weight	kg	18.5/22	31/37	33/38	34/39
Part number		7SP032177	7SP032171	7SP032172	7SP032173
OUTDOOR UNIT					
Sound pressure level to 1 m	dB(A)	52	56	54	59
Sound power level	dB(A)	62	66	64	69
Airflow	m³/h	1700	3500	3500	4200
Compressor type		Rotary	Rotary	Rotary	Rotary
Refrigerant type/Amount	kg	R410a/0.85	R410a/1.3	R410a/1.5	R410a/1.8
Outline dimensions (WxHxD)	mm	848x540x320	955x700x395	955x700x395	980x790x425
Package dimensions (WxHxD)	mm	873x605x363	1029x750x458	1029x750x458	1083x875x488
Net weight/Gross weight	kg	33.5/36	53/58	61/66	69/74
Part number 1~230V - 50 Hz		7SP062907	7SP062901	7SP062902	7SP062903
POWER SUPPLY 1~230V - 50 HZ					
Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
Power cable section	mm²	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x4.0	3x1.0+3x4.0
Fuse rating am (IDU + ODU)	A	6+16	6+16	6+20	6+20
Electrical connections	mm²	2x0.75	2x0.75	2x0.75	2x0.75
PIPE LINE					
Suction pipe diameter	inches	1/2"	1/2"	5/8"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	3/8"	3/8"
Max. length	m	20	25	30	30
Max. height	m	15	15	15	15





COMBINATIONS

Indoor unit	Compatible with outdoor unit
Ducted	Monosplit
<p>DAF 12-18</p> 	<p>YIF 12-18</p> 
<p>DAF 24-30</p> 	<p>YIF 24-30</p> 

DAF THREE PHASES TECHNICAL DATA

Indoor units		AWSI-DAF036-N11	AWSI-DAF048-N11	AWSI-DAF060-N11	AWSI-DAF068-N13	AWSI-DAF085-N13	AWSI-DAF102-N13	AWSI-DAF136-N13
Outdoor units 3~400V - 50 Hz		AWAU-YIF036-H13	AWAU-YIF048-H13	AWAU-YIF060-H13	AWAU-YIF068-H13	AWAU-YIF085-H13	AWAU-YIF102-H13	AWAU-YIF136-H13
COOLING								
Rated capacity	kW	10.00	14.00	16.00	20.00	24.5	30.00	39.5
Rated input power	kW	3.60	5.00	5.60	8.4	9.8	11.00	15.8
EER/Energy Label		2.78/D	2.8/C	2.86/C	2.38	2.5	2.73	2.5
Operating limits	°C	-15°/46° Dry bulb						
HEATING								
Rated capacity	kW	11.50	15.00	18.00	22.00	27.5	33.00	42.00
Rated input power	kW	3.30	4.70	5.50	7.4	9.00	9.00	14.00
COP/Energy Label		3.48/B	3.19/D	3.27/C	2.97	3.05	3.67	3.00
Operating limits	°C	-10°/24° Dry bulb						
INDOOR UNIT								
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	44/46/48	50/-/52	49/-/52	56	54	57	58
Sound power level (LS/MS/HS)	dB(A)	54/56/58	60/-/62	59/-/62	66	64	67	68
Airflow (LS/MS/HS)	m³/h	1780/1880/1990	1590/-/1900	1720/-/2060	4000	4800	5500	7000
Dehumidification	l/h	3.1	5	5.5	6.8	8.2	9.9	12.8
External static pressure Range	Pa	37	50	50	200	110	120	150
Outline dimensions (WxHxD)	mm	1230x290x790	1230x290x790	1235x330x830	1463x799x389	1500x1000x500	1500x1000x500	1700x1100x650
Package dimensions (WxHxD)	mm	1338x305x837	1338x305x837	1338x345x885	1540x880x470	1840x1200x673	1840x1200x673	1890x1460x835
Net weight/Gross weight	kg	46/52	53/60	56/64	86/109	150/200	156/206	215/265
Part number		7SP032174	7SP032175	7SP032176	7SP032127	7SP032128	7SP032129	7SP032130
OUTDOOR UNIT								
Sound pressure level to 1 m	dB(A)	60	60	61	65	66	67	69
Sound power level	dB(A)	70	70	71	75	76	77	79
Airflow	m³/h	4200	5100	6600	8000	8000	11000	13000
Compressor type		Rotary	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Outline dimensions (WxHxD)	mm	980x790x425	1120x1100x440	980x1350x410	1150x1350x460	1150x1600x460	990x1772x880	1290x1772x880
Package dimensions (WxHxD)	mm	1083x875x488	1158x1235x483	1027x1500x443	1317x502 x1475	1317x502x1730	1162x980x1950	1370x980x1950
Net weight/Gross weight	kg	69/74	103/115	118/129	158/174	185/200	216/266	285/330
Part number 3~400V - 50 Hz		7SP062904	7SP062905	7SP062906	7SP061794	7SP061795	7SP061796	7SP061797
POWER SUPPLY 3~400V - 50 HZ								
Power supply side		Ind. & Out.	Ind. & Out.	Ind. & Out.	Ind. & Out.	Ind. & Out.	Ind. & Out.	Ind. & Out.
Power cable section	mm²	3x1.0+5x1.5	3x1.0+5x2.5	3x1.0+5x2.5	5x1.0 - 5x4.0	3x1.0 - 5x6.0	3x1.0 - 5x10.0	5x1.5 - 5x10.0
Fuse rating am (IDU + ODU)	A	6+16	6+20	6+20	10+25	10+32	10+40	10+40
Electrical connections	mm²	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75
PIPE LINE								
Suction pipe diameter	inches	3/4"	3/4"	3/4"	3/4"	1"	1-1/8"	1-1/8"
Liquid pipe diameter	inches	3/8"	1/2"	1/2"	3/8"	3/8"	1/2"	5/8"
Max. length	m	30	50	50	50	50	50	50
Max. height	m	15	30	30	30	30	30	30

COMBINATIONS

Indoor unit	Compatible with outdoor unit
Ducted	Monosplit
<p>DAF 36</p> 	<p>YIF 36</p> 
<p>DAF 48-136</p> 	<p>YIF 48-136</p> 



3, AVENUE DU CENTRE - LES QUADRANTS - BAT. A - 78280 GUYANCOURT, FRANCE
TEL: +33 (0)1 76 21 82 00 - FAX: +33 (0)1 76 21 82 01 - www.airwell-residential.com

Airwell
AIR CONDITIONING & HEATING