

## DBF [ **ECODESIGN** ]\*

Ducted medium static  
pressure monosplit  
Fixed speed

**NEW**

- Ducted line available in capacities from 3.50 up to 15.50 kW.
- Cooling and heating operation mode.
- Available in 3PH from 10.40 kW.
- Wired control as a standard.



### PRODUCT ADVANTAGES

- > Optional for parallel installation of same indoor unit.
- > Water drain pump built in as a standard.
- > Option for connect air return plenum from rear or bottom side.

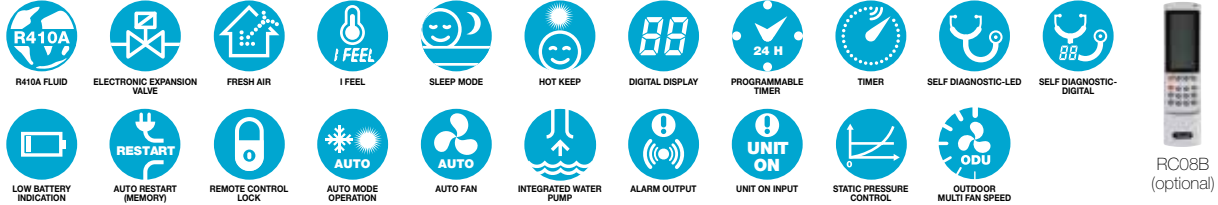


RCW8

\* [ **ECODESIGN** ] Comply with ECO Design regulation from size 48.

## DBF

Ducted medium static pressure / Fixed speed



### [ TECHNICAL DATA ]

Indoor units		AWSI-DBF012-N11	AWSI-DBF018-N11	AWSI-DBF024-N11	AWSI-DBF030-N11	AWSI-DBF036-N11	AWSI-DBF036-N11	AWSI-DBF048-N11	AWSI-DBF060-N11
Outdoor units 1-230V - 50 Hz		AWAU-YOF012-H11	AWAU-YOF018-H11	AWAU-YOF024-H11	AWAU-YOF030-H11	AWAU-YOF036-H11	-	-	-
Outdoor units 3-400V - 50 Hz		-	-	-	-	-	AWAU-YOF036-H13	AWAU-YOF048-H13	AWAU-YOF060-H13
<b>COOLING</b>									
Rated capacity	kW	3.5	5.1	7.2	8.7	10.4	10.4	14 (ECO DESIGN)	15.5 (ECO DESIGN)
Input power	kW	1.18	2.11	2.62	3.24	4.31	4.06	4.96	5.93
EER/Energy label		2.96/C	2.41/E	2.75/D	2.68/D	2.41/E	2.56/E	2.82/C	2.61/D
Operating limits	°C	18°/43° Dry bulb							
<b>HEATING</b>									
Capacity Rated capacity	kW	3.6	5.5	7.4	9.1	11.6	11.2	15.6	17
Input power	kW	1.10	1.87	2.52	2.79	3.60	3.40	4.31	5.29
COP/Energy label		3.25/C	2.94/D	2.93/D	3.26/C	3.22/C	3.29/C	3.62/A	3.21/C
Operating limits	°C	-7°/24° Dry bulb							
<b>INDOOR UNIT</b>									
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	31/37/43	33/37/44	34/37/44	40/42/48	40/43/49	40/43/49	40/45/49	40/45/49
Sound power level	dB(A)	53	54	54	58	59	59	59	59
Airflow (LS/MS/HS)	m³/h	520/610/800	650/770/1170	1000/1100/1400	1720/1940/2250	1650/1890/2270	1650/1890/2270	1700/2100/2500	1700/2100/2500
Dehumidification	l/h	1.1	1.9	2.4	2.5	2.9	2.9	4.3	5.0
External static pressure Range	Pa	30 (0-40)	30 (0-70)	40 (0-70)	50 (0-80)	50 (0-80)	50 (0-80)	70 (0-100)	70 (0-100)
Outline dimensions (WxHxD)	mm	700x210x635	920x210x635	920x270x635	1140x270x775	1140x270x775	1140x270x775	1200x300x865	1200x300x865
Package dimensions (WxHxD)	mm	915x655x290	1135x290x655	1135x350x655	1355x350x795	1355x350x795	1355x350x795	1385x373x920	1385x373x920
Net weight/Gross weight	kg	20/25	24/28	26.5/32	37/43	36/43	36/43	45/53	45/53
Part number		7SP032147	7SP032148	7SP032149	7SP032150	7SP032151	7SP032151	7SP032152	7SP032153
<b>OUTDOOR UNIT</b>									
Sound pressure level to 1 m	dB(A)	55	58	59	61	61	61	62	63
Sound power level	dB(A)	65	68	69	71	71	71	72	73
Airflow	m³/h	1800	2400	2700	5200	5500	5500	7200	7500
Compressor type		Rotary	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll
Outline dimensions (WxHxD)	mm	780x540x250	760x590x285	845x700x320	990x965x345	990x965x345	990x965x345	938x1369x392	938x1369x392
Package dimensions (WxHxD)	mm	910x585x335	887x645x355	965x755x395	1120x1100x435	1120x1100x435	1120x1100x435	1095x1505x495	1095x1505x495
Net weight/Gross weight	kg	28/30	37/39	48/54.5	67.1/77.2	84.5/94.5	81/92	110/124	111.1/125.4
Part number 1-230V - 50 Hz		7SP062842	7SP062843	7SP062844	7SP062845	7SP062846	-	-	-
Part number 3-400V - 50 Hz		-	-	-	-	-	7SP062847	7SP062848	7SP062849
<b>POWER SUPPLY 1-230V - 50 HZ</b>									
Power supply side		Indoor	Indoor	Indoor	Indoor	Indoor	-	-	-
Power cable section	mm²	3x1.5	3x1.5	3x2.5	3x4.0	3x4.0	-	-	-
Fuse rating am	A	16	16	25	30	30	-	-	-
Electrical connections	mm²	3x1.5 + 2x1.0 + 2x0.5	3x1.5 + 2x1.0 + 2x0.5	3x2.5 + 3x1.0 + 2x0.5	3x4.0 + 3x1.0 + 2x0.5	3x4.0 + 3x1.0 + 2x0.5	-	-	-
<b>POWER SUPPLY 3-400V - 50 HZ</b>									
Power supply side		-	-	-	-	-	Indoor	Indoor & Outdoor	Indoor & Outdoor
Power cable section	mm²	-	-	-	-	-	5x2.5	3x1.0 + 5x2.5	3x1.0 + 5x2.5
Fuse rating am	A	-	-	-	-	-	20	16 + 20	16 + 20
Electrical connections	mm²	-	-	-	-	-	3x1.0 + 3x1.0	3x0.5	3x0.5
<b>PIPE LINE</b>									
Suction pipe diameter	inches	1/2"	1/2"	5/8"	3/4"	3/4"	3/4"	3/4"	3/4"
Liquid pipe diameter	inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Max length	m	20	25	25	25	30	30	50	50
Max height	m	10	15	15	15	20	20	25	25