



DUCTED MEDIUM STATIC PRESSURE MONOSPLIT / MULTISPLIT → Only size 12



- Ducted line available in capacities from 3.5 up to 16 kW.
- Cooling & heating operation mode.
- DC Inverter and sine wave compressor drive technology.
- "I Feel" function with precise room temperature control.
- Available in 3PH from 10 kW.

PRODUCT ADVANTAGES

- **Integrated water pump.**
- **Full range of accessories and controls.**
- Air return option from rear or bottom side.
- Built in drain water pump.
- Option to connect to central controller or wireless remote control.
- Air filter is included.
- Twin application.



RCW8 (STD)



RCW6 (optional)



RC08B (optional)

ACCESSORIES/OPTIONS

Acc.	Reference	Photo	Description	Function
Panel for DCD12	7ACVF0559		Air return grill DCD12	
Front board for DCD12	7ACEL1699		Air duct plenum DCD12	
Panel for DCD18/24	7ACVF0561		Air return grill DCD 18/24	
Front board for DCD18/24	7ACEL1701		Air duct plenum DCD 18/24	
Front board for DCD30	7ACEL1702		Air duct plenum DCD30/36/4	
Panel for DCD30	7ACVF0562		Air return grill DCD30	
Panel for DCD36/48	7ACVF0563		Air return grill DCD36/48	
RC08B	7ACEL1712			
RCW6	7ACEL1704		Wired single control	Mode, fan speed, real time, timer, temperature, weekly timer, swing and "I Feel".
Central controller	7ACEL1707		Central controller	Control up to 64 indoor units with individual setting failure codes indication, ON-OFF dry contact, last operation memory, Modbus.
BMS	7ACEL1708		BMS gateway	Maximum 1024 units could be connected (16 gateway).

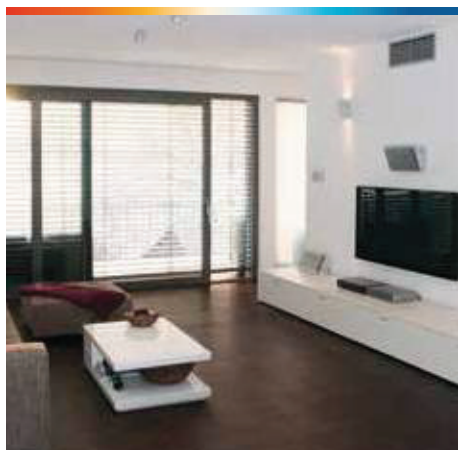
FEATURES



DCD TECHNICAL DATA

Indoor units		AWSI-DCD012-N11	AWSI-DCD018-N11	AWSI-DCD024-N11	AWSI-DCD030-N11	AWSI-DCD036-N11	AWSI-DCD036-N11	AWSI-DCD048-N11	AWSI-DCD060-N11
Outdoor units 1-230V - 50 Hz		AWAU-YLD012-H11	AWAU-YLD018-H11	AWAU-YLD024-H11	AWAU-YLD030-H11	AWAU-YLD036-H11	-	-	-
Outdoor units 3-400V - 50 Hz		-	-	-	-	-	AWAU-YLD036-H13	AWAU-YLD048-H13	AWAU-YLD060-H13
COOLING									
Rated capacity	kW	3.5 (1.1-4.0)	5.3 (1.5-6.4)	7 (2.0-7.9)	8.3 (2.5-9.5)	10 (3.2-11.6)	10.2 (3.2-11.6)	14.0 (4.5-15.2)	16.0 (5.6-17.6)
Pdesignc	kW	3.5	5.3	7	8.3	10	10.2	-	-
Rated power input	kW	1.09	1.65	2.18	2.76	3.32	3.39	4.36	4.97
SEER/Energy label		5.1/A	6.4/A++	6.6/A++	6.3/A++	5.3/A	5.1/A	3.21/A	3.22/A
Operating limits	°C	-15°/50° Dry bulb							
HEATING									
Rated capacity	kW	3.8 (1.1-4.5)	5.6 (1.5-6.8)	7.8 (2.0-8.8)	9.2 (2.6-10.3)	11.0 (3.2-12.5)	11.0 (3.2-12.5)	17 (5.2-18.2)	19.5 (6.0-21.2)
Pdesignh (average climate)	kW	3.4	5.1	7.8	8.5	10.2	10.2	-	-
Pdesignh (warmer climate)	kW	3.5	5.1	7.8	8.5	10.5	10.5	-	-
Rated power input	kW	1.05	1.47	2.14	2.48	3.05	3.05	4.57	5.39
SCOP/Energy label (average climate)		3.8/A	3.8/A	3.8/A	3.8/A	3.8/A	3.8/A	3.72/A	3.62/A
SCOP/Energy Label (warmer climate)		4.8/A++	4.8/A++	4.6/A++	4.6/A++	4.4/A++	4.4/A++	-	-
Operating limits	°C	-15°/24° Dry bulb							
Capacity @ -10°C	kW	3	4.3	6.6	6.9	9	8.5	13.6	15.6
Capacity @ -15°C	kW	2.7	3.6	5.8	5.9	7.9	7.8	11	12.6
INDOOR UNIT									
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	36/39/41	39/43/45	39/43/46	40/44/48	36/39/42	36/39/42	36/39/42	51/54/57
Sound power level	dB(A)	58	58	63	65	62	62	62	67
Airflow (LS/MS/HS)	m³/h	410/440/560	800/950/1250	800/950/1250	1140/1580/1990	1180/1560/1740	1180/1560/1740	-/1640/2410	1940/2410/3010
External static pressure Range	Pa	25 (0-40)	25 (0-60)	25 (0-80)	37 (0-80)	37 (0-80)	37 (0-80)	50 (0-100)	50 (0-200)
Dehumidification	l/h	1.5	2.0	2.3	2.5	3.5	3.5	4.5	5.0
Outline dimensions (WxHxD)	mm	700x210x635	920x270x635	920x270x635	1140x270x775	1200x300x865	1200x300x865	1200x300x865	1400x440x858
Package dimensions (WxHxD)	mm	915x290x655	1135x350x655	1135x350x655	1355x350x795	1385x373x920	1385x373x920	1385x373x920	1590x470x895
Net weight/Gross weight	kg	18/22.8	28/31.5	28/31.5	35/42	44/52.5	44/52.5	44/53	75/83
Part number		7SP032158	7SP032159	7SP032142	7SP032143	7SP032144	7SP032144	7SP032145	7SP032146
OUTDOOR UNIT									
Sound pressure level to 1 m	dB(A)	52	55	57	58	60	60	61	61
Sound power level	dB(A)	62	65	69	70	70	70	70	70
Airflow	m³/h	2200	2500	3500	3800	5500	5500	7200	7500
Compressor type		Rotary DCI	Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI
Outline dimensions (WxHxD)	mm	760x590x285	845x700x320	900x860x315	900x860x315	990x965x345	990x965x345	938x1369x392	938x1369x392
Package dimensions (WxHxD)	mm	887x645x355	965x755x395	1043x915x395	1043x915x395	1120x1100x435	1120x1100x435	1095x1505x495	1095x1505x495
Net weight/Gross weight	kg	35.4/37.9	46/50	59/63	59/63	73/83	77/88	102.5/116	102.5/116
Part number 1-230V - 50 Hz		7SP062821	7SP062822	7SP062823	7SP062824	7SP062825	-	-	-
Part number 3-400V - 50 Hz		-	-	-	-	-	7SP062826	7SP062827	7SP062828
POWER SUPPLY 1~230V - 50 HZ									
Power supply side		Outdoor	Ind. & Out.	Ind. & Out.	Ind. & Out.	Ind. & Out.	-	-	-
Power cable section	mm²	3x1.5	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x4.0	-	-	-
Fuse rating am	A	16	10+16	10+20	10+30	10+30	-	-	-
Electrical connections	mm²	4x1.0	3x0.5	3x0.5	3x0.5	3x0.5	-	-	-
POWER SUPPLY 3~400V - 50 HZ									
Power supply side		-	-	-	-	-	Ind. & Out.	Ind. & Out.	Ind. & Out.
Power cable section	mm²	-	-	-	-	-	3x1.0+5x2.5	3x1.0+5x2.5	3x1.0+5x2.5
Fuse rating am	A	-	-	-	-	-	10+20	10+25	10+25
Electrical connections	mm²	-	-	-	-	-	3x0.5	3x0.5	3x0.5
PIPE LINE									
Suction pipe diameter	inches	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	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	30	50	50	65	65	65	65
Max height	m	10	20	25	25	30	30	30	30

AIRWELL SOLUTIONS



IDU	Compatible with ODU	
Ducted	ODU single	ODU multi
DCD 12	YLD 	Y CZ
DCD 18 to 36	YLD 	
DCD 48 & 60	YLD 	