

DID DUCTED MEDIUM STATIC PRESSURE MONOSPLIT

Airwell
Just feel well



NEW



All sizes except
DID 048-060



+ PRODUCTS

- **Twin application.**
- Full range of accessories and controls.
- Possibility to wire a water pump.
- Air return option from rear or bottom side.



RCW8



RC08C
(optional)



RCW6
(optional)

FEATURES



FLEXI MATCH



DC INVERTER



R410A FLUID



ELECTRONIC
EXPANSION VALVE



FRESH AIR



I FEEL



SLEEP MODE



HOT KEEP



DIGITAL DISPLAY



PROGRAMMABLE
TIMER



SELF DIAGNOSTIC



LOW BATTERY
INDICATION



AUTO RESTART
(MEMORY)



REMOTE CONTROL
LOCK



AUTO MODE
OPERATION



AUTO FAN



OUTDOOR
MULTI FAN SPEED



INTEGRATED WATER
PUMP



LEFT/RIGHT DRAIN
CONNECTION



TWIN APPLICATION



STATIC PRESSURE
CONTROL



ALARM OUTPUT



UNIT ON INPUT



LOW AMBIENT
COOLING



LOW AMBIENT
HEATING



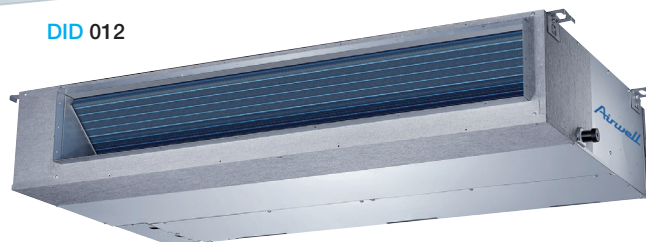
BMS COMPATIBLE



WIFI



DID 012



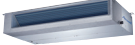
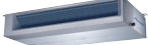
DID 018-060

- DC Inverter and sine wave compressor drive technology.
- "I Feel" function with precise room temperature control.
- Option to connect to central controller or wireless remote control.
- Air filter is included.
- Easy maintenance: access to electronic box, filters.



The future of
air conditioning?
The invisibility

COMBINATIONS

Indoor unit	Compatible with outdoor unit	
High wall	Monosplit	Multisplit
DID 12 	YMD 	YCZ 
DID 18 to 36 	YMD 	
DID 48 & 60 	YMD 	

DID

Ducted medium static pressure monosplit



All sizes except DID 048-060

DID TECHNICAL DATA

Indoor unit		AWSI-DID012-N11	AWSI-DID018-N11	AWSI-DID024-N11	AWSI-DID036-N11	AWSI-DID036-N11	AWSI-DID048-N11	AWSI-DID060-N11
Outdoor unit 1~230V - 50 Hz		AWAU-YMD012-H11	AWAU-YMD018-H11	AWAU-YMD024-H11	AWAU-YMD036-H11	-	-	-
Outdoor units 3~400V - 50 Hz		-	-	-	-	AWAU-YMD036-H13	AWAU-YMD048-H13	AWAU-YMD060-H13
COOLING								
Rated power	kW	3.5 (0.6-4.4)	5.1 (0.8-6.1)	7 (1.2-8.2)	10.0 (2.9-12.0)	10.0 (2.9-12.0)	14.0 (4.1-16.4)	16 (5.0-18.1)
Pdesignnc	kW	3.5	5.1	7	10.0	10.0	14.0	16
Rated power input	kW	1.023	1.579	2.167	3.817	3.817	4.965	6.612
SEER/Energy label		6.1/A++	6.3/A++	6.1/A++	6.1/A++	6.1/A++	6.1/A++	5.6/A+
Operating limits	°C	-15°/50° Dry bulb						
HEATING								
Rated power	kW	3.8 (0.6-5.0)	5.8 (0.9-7.0)	7.3 (1.2-8.6)	11.5 (2.6-13.2)	11.5 (2.6-13.2)	16 (4.3-18.1)	18.0 (5.3-20.5)
Pdesignnh (average climate)	kW	3.2	4.7	6	10.2	10.0	12	12.2
Pdesignnh (warmer climate)	kW	3.6	5	6	10.5	10.5	12.2	12.4
Rated power input	kW	0.995	1.518	1.911	3.091	3.091	4.301	5.263
SCOP/Energy label (average climate)		4.0/A+	4.0/A+	4.0/A+	4.0/A+	4.0/A+	4.0/A+	4.0/A+
SCOP/Energy Label (warmer climate)		5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++
Operating limits	°C	-15°/24° Dry bulb						
Power @ -10°C	kW	3.2	4.8	7.6	9.8	9.5	12.9	14.1
Power @ -15°C	kW	2.7	3.8	6.2	7.6	7.6	10.1	12.3
INDOOR UNIT								
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	27/31/35	38/40/42	38/40/42	38/40/42	42/44/46	48/50/52	54/56/58
Sound power level	dB(A)	57	59	62	63	63	69	74
Airflow (LS/MS/HS)	m³/h	450/580/680	690/850/980	780/1000/1200	920/1100/1400	920/1100/1400	1450/1740/2100	1800/2150/2500
External static pressure Range	Pa	25 (0-45)	25 (0-100)	25 (0-100)	37 (0-120)	37 (0-120)	50 (0-160)	50 (0-160)
Dehumidification	l/h	1.5	2	2.5	3.8	3.8	4.5	5.5
Outline dimensions (WxHxD)	mm	700x210x635	880x210x674	1100x774x249	1360x249x774	1360x249x774	1200x300x874	1200x300x874
Package dimensions (WxHxD)	mm	915x290x655	1070x270x725	130x305x805	1570x305x805	1570x305x805	1405x355x915	1405x355x915
Net weight/Gross weight	kg	18.4/22.7	25.4/31	31.7/39.1	40.2/48.4	40.2/48.4	46/55.2	46/55.2
Part number		7SP032165	7SP032166	7SP032167	7SP032168	7SP032168	7SP032169	7SP032170
OUTDOOR UNIT								
Sound pressure level to 1 m	dB(A)	54	54	60	61	61	63	63
Sound power level	dB(A)	61	65	65	67	68	72	75
Airflow	m³/h	2000	2100	2700	4300	4300	6800	7200
Compressor type		Rotary DCI	Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI
Refrigerant type/Ammount	kg	R410a/1.38	R410a/1.78	R410a/1.95	R410a/3.2	R410a/3.2	R410a/4.0	R410a/4.3
Outline dimensions (WxHxD)	mm	800x554x333	800x554x333	845x702x363	946x810x410	946x810x410	952x1333x415	952x1333x415
Package dimensions (WxHxD)	mm	920x615x390	920x615x390	965x765x396	1090x865x500	1090x865x500	1095x1470x500	1095x1470x500
Net weight/Gross weight	kg	34.5/37.3	35.5/38.4	49/51.5	67.2/72.9	78.9/83.9	108.1/121.2	112.8/126
Part number 1~230V - 50 Hz		7SP062891	7SP062892	7SP062893	7SP062895	-	-	-
Part number 3~400V - 50 Hz		-	-	-	-	7SP062896	7SP062899	7SP062900
POWER SUPPLY 1~230V - 50 HZ								
Power supply side		Outdoor	Ind. & Out.	Ind. & Out.	Ind. & Out.	-	-	-
Power cable section	mm²	3x1.5	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x4.0	-	-	-
Fuse rating am	A	16	10+16	10+25	10+30	-	-	-
Electrical connections	mm²	4x1.0	2x0.5	2x0.5	2x0.5	-	-	-
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	-	-	-	-	2x0.5	2x0.5	2x0.5
PIPE LINE								
Suction pipe diameter	inches	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Max. length	m	25	30	50	65	65	65	65
Max. height	m	10	20	25	30	30	30	30