

Fixed Speed  
Cooling & heating

# DFM DUCTED MEDIUM STATIC PRESSURE MONOSPLIT

Ducted



- Comfort "I Feel": temperature sensor in the remote control RC08C.
- Designed for easy maintenance and installation.
- Interface dedicated to the installer for commissioning and maintenance.
- Optimisation of the stock thanks to a multi-range external group (YFFA).
- Air intake option from the back or bottom.



## + PRODUCTS

- Many options.
- G1 filter.
- Integrated water pump.



RCW8 included



RC08C (optional)



RCW6 (optional)

## FEATURES

### TECHNOLOGY:



R410A FLUID



REDUNDANCY FUNCTION

### AIR QUALITY / CLEAN:



FRESH AIR

### USER FUNCTIONS:



I FEEL



NIGHT MODE



PROGRAMMABLE TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL LOCK

### INSTALLER FUNCTIONS:



ERROR CODE VIA INDOOR UNIT



SELF DIAGNOSTIC



INTEGRATED WATER PUMP



LEFT/RIGHT DRAIN CONNECTION



ALARM OUTPUT



UNIT ON INPUT



DRY CONTACT ON/OFF








BMS COMPATIBLE



The future of  
air conditioning?  
**The invisibility**

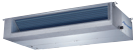
## OPTIONS

Accessory	Part number	Photo	Function / Description
Wireless controller RC08C	7ACEL1740		Timer, eco mode, "Follow me" option, swing, technician mode, heating only mode.
Wired single control RCW6	7ACEL1704		Mode, fan speed, real time, timer, temperature, weekly timer and swing.
Central controller RCW16	7ACEL1707		Controls up to 64 indoor units with individual setting failure codes indication, ON-OFF dry contact, last operation memory, Modbus.
BMS gateway 	7ACEL1708		Maximum 1024 units could be connected (16 gateways).

## DFM TECHNICAL DATA

Indoor unit		AW-DFM018-N11	AW-DFM024-N11	AW-DFM036-N11	AW-DFM036T-N11	AW-DFM048-N11	AW-DFM060-N11
Outdoor unit		AW-YFFA018-H11	AW-YFFA024-H11	AW-YFFA036-H11	AW-YFFA036-H13	AW-YFFA048-H13	AW-YFFA060-H13
Phase		Single phase	Single phase	Single phase	Three phase	Three phase	Three phase
<b>COOLING</b>							
Rated power (min./max.)	kW	5.58	7.98	10.54	10.82	13.73	15.12
Rated power input	kW	2.20	2.87	3.90	3.65	5.35	6.36
EER/Energy label		2.40/E	2.45/E	2.71/D	2.89/C	2.63/D	2.53/E
Operating limits	°C	18°/43° Dry bulb					
<b>HEATING</b>							
Rated power (min./max.)	kW	5.88	8.24	11.80	12.16	16.39	17.71
Rated power input	kW	1.75	2.30	3.50	3.30	4.82	5.54
COP/Energy label		3.18/E	3.31/C	3.27/C	3.46/B	3.35/C	3.17/D
Operating limits	°C	-7°/24° Dry bulb					
<b>INDOOR UNIT</b>							
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	40/42/44	38/41/44	39/43/49	40/43/49	41/45/48.5	40/46/50
Sound power level	dB(A)	39/42/44	37/40/43	40/44/48	38/40/47	41/45/48	40/46/50
Airflow (LS/MS/HS)	m³/h	730/813/978	964/1177/1358	1160/1383/1836	1149/1372/1804	1490/1850/2100	1490/1850/2400
External static pressure Range	Pa	25	25	37	37	50	50
Dehumidification	l/h	2.0	3.0	3.8	3.8	4.5	5.5
Outline dimensions (WxHxD)	mm	880x210x674	1100x249x774	1100x249x774	1100x249x774	1200x300x874	1200x300x874
Package dimensions (WxHxD)	mm	1070x280x725	1305x315x805	1305x315x805	1305x315x805	1405x365x915	1405x365x915
Net weight/Gross weight	kg	23.8/29.5	32.2/39	32.2/39.4	32.2/39.4	46/54.5	46/54.5
Part number		7SP032206	7SP032207	7SP032212	7SP032209	7SP032210	7SP032211
<b>OUTDOOR UNIT</b>							
Sound pressure level to 1.4 m	dB(A)	60	59.8	62.8	63.0	63	62.4
Airflow	m³/h	2000	2800	5000	3800	6000	6000
Compressor type		Rotary	Rotary	Scroll	Rotary	Scroll	Scroll
Outline dimensions (WxHxD)	mm	770x555x300	845x702x363	946x810x410	946x810x410	900x1170x350	900x1170x350
Package dimensions (WxHxD)	mm	900x625x348	965x775x395	1090x885x500	1090x875x500	1032x1307x443	1032x1307x443
Net weight/Gross weight	kg	36.5/39.7	52.7/56.1	79.5/85.3	74.4/78.9	97/107	97/108
Part number		7SP063066	7SP063067	7SP063072	7SP063069	7SP063070	7SP063071
<b>POWER SUPPLY</b>							
Phase/Tension/Frequency		1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	3P/N/400V/50Hz	3P/N/400V/50Hz	3P/N/400V/50Hz
Power supply side		Indoor	Indoor	Outdoor	Outdoor	Indoor	Indoor
Power cable section	mm²	3x2.5	3x2.5	3x4	5x2.5	5x2.5	5x2.5
Fuse rating am (D curve)	A	16	32	50	25	32	32
Electrical connections	mm²	3x2.5 + 2x1 + 2x0.75	3x2.5 + 2x1 + 2x0.2	3x1.5 + 3x1 + 2x0.2	3x1.5 + 3x1	5x2.5 + 3x1	5x2.5 + 3x1
<b>PIPE LINE</b>							
Suction pipe diameter	inches	1/2"	5/8"	3/4"	3/4"	3/4"	3/4"
Liquid pipe diameter	inches	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Max. length	m	25	25	30	30	50	50
Max. height	m	15	15	20	20	30	30
Refrigerant / GWP		R410A/2088	R410A/2088	R410A/2088	R410A/2088	R410A/2088	R410A/2088
Charge (5 m)	kg	1.50	1.80	2.50	2.85	3.30	3.20

## COMBINATIONS

Indoor unit	Compatible with outdoor unit
Ducted	Monosplit
<p>DFM 18 to 36</p> 	<p>YFFA</p> 
<p>DFM 48 &amp; 60</p> 	<p>YFFA</p> 