



DC Inverter  
Cooling & heating

# FDM FLOOR CEILING



## + PRODUCTS

- RC08C remote control included
- Alarm output and dry contact
- Long air supply distance up to 11 m
- R32/R410A compatible
- 4D airflow

## FEATURES

### TECHNOLOGY:



### AIR QUALITY/CLEAN:



### USER FUNCTIONS:



### INSTALLER FUNCTIONS:



### THE + «SUSTAINABLE DEVELOPMENT»

→ High energy class A++ (cooling mode)/ A+ (heating mode)

### THE + «USER»

→ Wide air distribution for large room volume

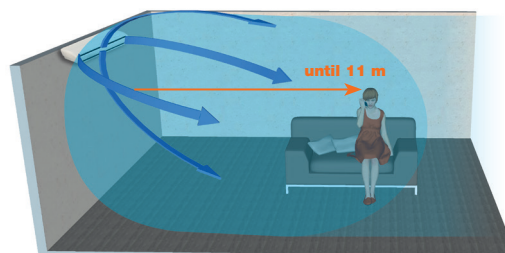
### THE + «INSTALLER»

→ Parameters can be read on the indoor unit

### THE + «TECHNOLOGY»

→ High corrosion resistance with the Golden Fin  
→ Electronic expansion valve

### 4 DIMENSIONAL AIRFLOW FOR MAXIMUM COMFORT



## OPTIONS

Accessory	Part number	Photo	Function
Wired single control RCW11	7ACEL1774		Weekly timer, mode, fan speed, timer On/Off, "I Feel" function, temperature.
Wired control RCW26	7ACEL1876		Controls up to 16 indoor units.
Adapter card for RCW26	7ACEL1776		Adapter card for RCW26.
Test tool	7ACEL1710		Easy viewing of system parameters, failure records and parameter adjustments.
Water pump Mini Flowwatch MF2	7ACTL0517		Evacuate condensates from indoor units.
LCAC WiFi Accessory	7ACEL1883		Accessory for remote control in WiFi.

## CERTIFICATION

AIRWELL participates in the ECP programme for AC1.  
Check ongoing validity of certificate:  
[www.eurovent-certification.com](http://www.eurovent-certification.com)



\* models so marked are not Eurovent certified

\* Available during 2021.

*Airwell*  
Just feel well

## FDM TECHNICAL DATA

Indoor unit		AW-FDM018-N91	AW-FDM024-N91	AW-FDM036-N91	AW-FDM036-N91	AW-FDM048-N91*	AW-FDM060-N91*
Outdoor unit		AW-YDFA018-H91	AW-YDFA024-H91	AW-YDFA036-H91	AW-YDFA036-H93	AW-YDFA048-H93	AW-YDFA060-H93
Phase		Single phase	Single phase	Single phase	Three phase	Three phase	Three phase
<b>COOLING</b>							
Rated power (min./max.)	kW	5.40 (2.71-5.57)	7.05 (3.22-8.29)	10.55 (3.93-12.02)	10.55 (3.93-12.02)	14.26 (4.96-15.11)	16.70 (5.28-17.0)
Pdesignc	kW	5.40	7.00	10.50	10.50	14.20	16.70
Rated power input	kW	1.62	2.33	4.34	3.89	5.49	5.95
SEER/Energy label		6.7/A++	6.1/A++	6.1/A++	6.1/A++	6.1/A++	6.1/A++
Operating limits	°C	-15°/50° Dry bulb					
<b>HEATING</b>							
Rated power (min./max.)	kW	5.76 (2.42-6.3)	7.10 (2.72-8.65)	11.14 (2.81-13.48)	11.14 (2.81-13.95)	15.8 (3.81-18.07)	17.86 (4.4-19.64)
Pdesignh (average climate)	kW	4.90	5.40	8.70	9.10	11.50	12.20
Pdesignh (warmer climate)	kW	5.00	5.50	10.70	10.70	12.00	13.00
Rated power input	kW	1.52	2.08	3.04	3.00	5.00	5.72
SCOP/Energy label (average climate)		4.1/A+	4.0/A+	4.0/A+	4.1/A+	4.0/A+	4.1/A+
SCOP/Energy label (warmer climate)		5.2/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	4.47	6.20	9.00	9.00	11.00	13.00
Power @ -15°C	kW	4.18	5.60	8.50	8.50	10.30	12.10
<b>INDOOR UNIT</b>							
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	34.5/38.5/41.5	41/46/49	42/46/50	42/46/50	46/50/54	42/47/54
Sound power level	dB(A)	58	61	61	61	66	69
Airflow (LS/MS/HS)	m³/h	650/760/880	853/1066/1208	1431/1844/2160	1431/1844/2160	1417/1930/2329	1426/1834/2454
Dehumidification	l/h	2	2.5	3.8	3.8	4.5	5.5
Outline dimensions (WxHxD)	mm	1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
Package dimensions (WxHxD)	mm	1145x755x313	1145x755x313	1725x755x313	1725x755x313	1725x755x313	1725x755x313
Net weight/Gross weight	kg	28/33.3	26.8/31.9	41.5/48	41.5/48	41.2/47.6	41.4/47.8
Part number		7SP012263	7SP012264	7SP012265	7SP012265	7SP012266	7SP012267
<b>OUTDOOR UNIT</b>							
Sound pressure level to 1 m	dB(A)	55	62	65	64	66	66
Sound power level	dB(A)	62	66	68	68	72	74
Airflow	m³/h	2000	2700	4000	4000	7500	7500
Compressor type		Rotary DCI	Rotary DCI	Rotary DCI	Rotary DCI	Rotary DCI	Rotary DCI
Outline dimensions (WxHxD)	mm	800x554x333	845x702x363	946x810x410	946x810x410	952x1333x415	952x1333x415
Package dimensions (WxHxD)	mm	920x615x390	965x765x395	1090x875x500	1090x875x500	1095x1480x495	1095x1480x495
Net weight/Gross weight	kg	33.7/36.6	49.4/52.8	66.8/73.4	81.5/87.0	106.7/119.9	111.3/124.3
Part number		7SP063051	7SP063052	7SP063053	7SP063054	7SP063055	7SP063056
<b>POWER SUPPLY</b>							
Phase/Voltage/Frequency		1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	3P/400V/50Hz	3P/400V/50Hz	3P/400V/50Hz
Power supply side		Outdoor	Ind. & Out.	Ind. & Out.	Ind. & Out.	Ind. & Out.	Ind. & Out.
Power cable section	mm²	3x1.5	3x1.5+3x2.5	3x1.5+3x4	3x1.5+5x2.5	3x1.5+5x2.5	3x1.5+5x2.5
Fuse rating am (D curve)	A	16	10+25	10+30	10+20	10+25	10+25
Electrical connections	mm²	4x1.5	2x0.5	2x0.5	2x0.5	2x0.5	2x0.5
<b>PIPE LINE</b>							
Suction pipe diameter	inches	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter	inches	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Max. length	m	30	50	65	65	65	65
Max. height	m	20	25	30	30	30	30
Refrigerant/GWP		R32/675	R32/675	R32/675	R32/675	R32/675	R32/675
Charge (5 m)	kg	1.15	1.5	2.4	2.4	2.8	2.95
Additional charge	g/m	12	24	24	24	24	24
R410A YMD outdoor unit compatible*		AWAU-YMD018-H11	AWAU-YMD024-H11	AWAU-YMD036-H11	-	AWAU-YMD048-H13	AWAU-YMD060-H13
Part number		7SP062972	7SP062893	7SP062895	-	7SP062899	7SP062900

\* Technical specifications - See R410A documentation. Within the limits of available stocks.

## COMBINATIONS

Indoor unit	Compatible with outdoor unit
Floor ceiling	Monosplit
<p>FDM 18-24-36</p> 	<p>YDFA</p> 
<p>FDM 48-60</p> 	<p>YDFA</p> 