

DC Inverter
Cooling & Heating

FWDB FLOOR CEILING MONOSPLIT FOR LOW TEMPERATURE ROOMS

Floor ceiling



+ PRODUCTS

- Application for wine cellar, garbage room, preparation rooms...
- Cooling and heating mode.



Remote control
(included)

FEATURES

TECHNOLOGY:



DC INVERTER



R32 FLUID



ELECTRONIC EXPANSION VALVE

AIR QUALITY/CLEAN:



AIR FILTER

USER FUNCTIONS:



NIGHT MODE



PROGRAMMABLE
TIMER



AUTO RESTART
(MEMORY)



REMOTE CONTROL
LOCK

INSTALLER FUNCTIONS:



ERROR CODE VIA
INDOOR UNIT



SELF DIAGNOSTIC



ALARM
OUTPUT



DRY CONTACT
ON/OFF



WATER PUMP
CONNECTION
(OPTIONAL)



- Designed for local low temperature: 12°C minimum.
- Long blowing distance.
- Guaranteed energy saving through weekly programming.



DEDICATED DESIGN FOR WINE CELLARS OR ANY LOW TEMPERATURE PROCESS ROOMS



FWDB TECHNICAL DATA

Indoor unit		AW-FWDB018-N91	AW-FWDB024-N91
Outdoor unit		AW-YMDB018-H91	AW-YMDB024-H91
Phase		Single phase	Single phase
COOLING			
Rated power (min./max.)	kW	5.3 (2.0~5.6)	7.0 (3.5~8.0)
Pdesignc	kW	5.30	7.00
Rated power input	kW	1640 (420~2100)	2200 (600~3000)
SEER/Energy label		6.1 / A++	6.1 / A++
Operating limits	°C	-15°/50° Dry bulb	
HEATING			
Rated power (min./max.)	kW	5.9 (2.5~6.0)	7.7 (4.5~8.5)
Pdesignh (average climate)	kW	4.8	6.0
Rated power input	kW	1530 (500~1940)	1980 (1500~2600)
SCOP/Energy label (average climate)		4.0 / A+	4.0 / A+
Operating limits	°C	-15°/30° Dry bulb	
INDOOR UNIT			
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	36/42/47	43/46/49
Sound power level	dB(A)	46-58	53-60
Airflow (LS/MS/HS)	m³/h	650/800/900	850/1000/1150
Outline dimensions (WxHxD)	mm	1245x680x240	1245x680x240
Package dimensions (WxHxD)	mm	1325x770x325	1325x770x325
Net weight/Gross weight	kg	34/40	35/41
Part number		7SP012274	7SP012275
OUTDOOR UNIT			
Sound pressure level to 1 m	dB(A)	52.0	54
Sound power level	dB(A)	63	67
Airflow	m³/h	3000	3500
Compressor type		Rotatif DC Inverter	Rotatif DC Inverter
Outline dimensions (WxHxD)	mm	925x700x366	958x843x392
Package dimensions (WxHxD)	mm	990x770x410	1025x960x430
Net weight/Gross weight	kg	42/45	52/62
Part number		7SP063092	7SP063093
POWER SUPPLY			
Phase/Tension/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz
Power supply side		Outdoor	Outdoor
Power cable section	mm²	3x2.5	3x2.5
Fuse rating am (D curve)	A	10	16
Electrical connections	mm²	4x2.5	4x2.5
PIPE LINE			
Suction pipe diameter	inches	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	3/8"
Max. length	m	15	20
Max. height	m	8	10
Refrigerant/GWP		R32/675	R32/675
Charge (5 m)	kg	1.3	1.7

New model available in June 2019.

COMBINATIONS

Indoor unit	Compatible with outdoor unit
Floor ceiling FWDB 018 	Monosplit YMDB 
FWDB 024 	YMDB 