

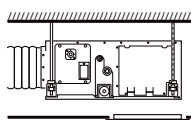
# Concealed ceiling unit with medium ESP

Slimmest yet most powerful medium static pressure unit on the market

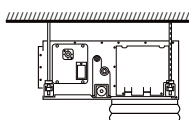
- Optimised design for R-32 refrigerant
- Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge



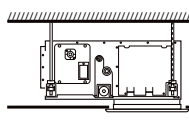
- Quiet operation: down to 25dBA sound pressure level
- Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Discretely concealed in the wall: only the suction and discharge grilles are visible
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- Optional fresh air intake
- Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles



For free use into a false ceiling



For connecting onto a suction canvas (not supplied by Daikin)



For direct connection to Daikin panel (via EKYBSD kit)



- Standard built-in drain pump with 625mm lift increases flexibility and installation speed

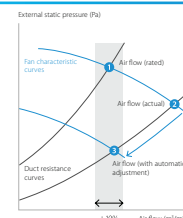


## Automatic Airflow Adjustment function

Automatically selects the most appropriate fan curve to achieve the units' nominal air flow within  $\pm 10\%$

### Why?

After installation the real ducting will frequently differ from the initially calculated air flow resistance \* the real air flow may be much lower or higher than nominal, leading to a lack of capacity or uncomfortable air temperature. Automatic air flow adjustment function will automatically adapt the unit's fan speed to any ducting (10 or more fan curves are available on every model), making installation much faster.



Indoor unit				FXSA	15A	20A	25A	32A	40A	50A	63A	80A	100A	125A	140A
Cooling capacity	Total capacity	At high fan speed	kW	1.70	2.20	2.80	3.60	4.50	5.60	7.10	9.00	11.20	14.00	16.00	
Heating capacity	Total capacity	At high fan speed	kW	1.90	2.50	3.20	4.00	5.00	6.30	8.00	10.0	12.5	16.0	18.0	
Power input - 50Hz	Cooling	At high fan speed	kW	0.086				0.147	0.150	0.183	0.209	0.285	0.326	0.382	
	Heating	At high fan speed	kW	0.086				0.147	0.150	0.183	0.209	0.285	0.326	0.382	
Dimensions	Unit	HeightxWidthxDepth	mm	245x550x800				245x700x800		245x1,000x800		245x1,400x800		245x1,550x800	
Weight	Unit		kg	23.5			24.0	28.5	29.0	35.5	36.5	46.0	47.0	51.0	
Casing	Material			Galvanised steel plate											
Fan	Air flow rate - 50Hz	Cooling	At high fan speed	m³/min	8.7	9.0		9.5	15.0	15.2	21.0	23.0	32.0	36.0	39.0
		Heating	At high fan speed	m³/min	8.7	9.0		9.5	15.0	15.2	21.0	23.0	32.0	36.0	39.0
	External static pressure - 50Hz	Factory set/High	Pa	30/150							40/150			50/150	
Air filter	Type			Resin net											
Sound power level	Cooling	At high fan speed	dB(A)	54			55	60		59	61		64		
Sound pressure level	Cooling	Low/Medium./High	dB(A)	25.0/28.0/29.5	25.0/28.0/30.0		26.0/29.0/31.0	29.0/32.0/35.0		27.0/30.0/33.0	29.0/32.0/35.0	31.0/34.0/36.0	33.0/36.0/39.0	34.0/38.0/41.5	
	Heating	Low/Medium/High	dB(A)	26.0/29.0/31.5	26.0/29.0/32.0		27.0/30.0/33.0	29.0/34.0/37.0		28.0/32.0/35.0	30.0/34.0/37.0	31.0/34.0/37.0	33.0/37.0/40.0	34.0/38.5/42.0	
Refrigerant	Type/GWP			R-32 / 675											
Piping connections	Liquid	OD	mm	6.35								9.52			
	Gas	OD	mm	9.52				12.7				15.9			
	Drain			VP20 (I.D. 20/O.D. 26), drain height 625 mm											
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220											
Current - 50Hz	Maximum fuse amps (MFA)		A	6											
Control systems	Infrared remote control			BRC4C65 (1)											
	Wired remote control			BRC1H52W/S/K											

(1) Must be combined with Madoka wired remote controller.