

# High-capacity ducted unit, 220 Pa

Reversible system 22 – 56 kW (R410A)



R410A  
REFRIGERANT

## + SERVICES

- The non-flammable insulating material is certificated with a grade of Flammability Class "B s3 d1" (based on European standard EN 13501-1+1: 2009).

## + ECONOMICAL AND ECO-FRIENDLY

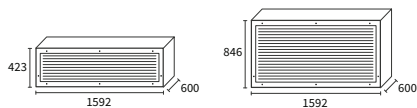
- Alternative to Rooftop or CTA: Lightweight, easy to install.
- Ultimate control, low-cost implementation,
- Ecological: Replacement of gas-fired air heaters, radiant heaters, and radiant panels.
- Wide range of power and airflow (up to 9,000 m<sup>3</sup>/h).
- Option to provide fresh air (up to 10% of the total supply airflow).

## + APPLICATION

### Perfect solutions for high-volume buildings

- Supermarkets and large retail stores,
- Warehouses,
- Gyms,
- Industrial buildings.

### Indoor units



RPI-8.0FSN3E(-f)  
RPI-10.0FSN3E(-f)

RPI-16.0FSN3PE(-f)  
RPI-20.0FSN3 PE(-f)

## Compatible controls and accessories

### Individual checks



Simple wired  
controller  
Model: PC-ARC-E



Infrared controller  
Model: PC-AWR

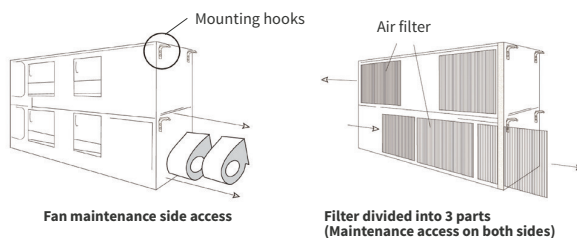


Intuitive multifunction cable  
control  
Model: PC-ARFG2-E(B)



Infrared receiver  
Model: PC-ALHZ1 (external)

### Model 16 to 20 hp



## High-Capacity Ducted Unit, 10–20 hp (up to 220 Pa of available pressure) (16 hp and 20 hp models: Unique on the market)

Indoor units	Unit	High-pressure		High-power	
		RPI-8.0FSN3E(-F)*	RPI-10.0FSN3E(-F)*	RPI-16.0FSN3PE(-F)*	RPI-20.0FSN3PE(-F)*
Power (adjustable)	hp (horsepower)	8.00	10.00	16.00	20.00
Capacity Cooling Micro VRF IVX COMFORT	kW	20.00	25.00	40.00	50.00
Capacity Heating Micro VRF IVX COMFORT	kW	22.40	28.00	44.80	56.00
Capacity Cooling SET FREE	kW	22.40	28.00	45.00	56.00
Capacity Heating SET FREE	kW	25.00	31.00	50.00	63.00
Sound level in Cooling mode (pressure) (low/medium/high speed) <sup>(1)(2)</sup>	dB(A)	51/54/54	52/55/55	53/- / 56	54 / - / 57
Sound power	dB(A)	77	78	79	80
Horsepower (hp) control	m <sup>3</sup> /h	3570/3960/3960	4110/4500/4500	7200/-/7920	8220/-/9000
Rated static pressure (min-max)	Pa	200 (180 - 220)			
Condensing pump	-	no			
Max. elevation	mm				
Cooling pipe diameter (Liq/Gas)	inches	3/8 - 3/4	3/8 - 7/8	3/8 - 3/4	3/8 - 7/8
Condensate pipe diameter (out)	mm	25			
Dimensions (HxLxD)	mm	423 x 1592 x 600		846 x 1592 x 600	
Weight	kg	85	87	171	175
Power supply	-	1~ 230V 50 Hz		1~ 230V 50 Hz	
Total nominal power consumption (Max)	kW	0.97 (1.75)	1.06 (1.91)	1.94 (3.50)	2.12 (3.82)
Indoor unit power cable	-	3G1.5 mm <sup>2</sup>		3G4 mm <sup>2</sup>	
Bus cable section (EN 60 335-1) <sup>(2)</sup>	mm <sup>2</sup>	2 x 0.75 shielded (cable type according to local regulations)			
Max. current	A	10.0		16.2	17.7

<sup>(1)</sup> Sound pressure is measured under the following conditions: at 1.50 m below the unit (no ceiling under the unit), with an extraction duct at 1 m and a discharge duct at 2 m.

<sup>(2)</sup> Data shown is for indication purposes only. It is the installer's responsibility to ensure that these Cable sections meet the needs of the facility and current standards.

<sup>(3)</sup> Access to very high speeds is possible with the PC-ARFG2-E(B), PC-ARFG3-E(B), and PC-ARC-E remote controls.

