

# Ducted unit 100, 150 and 200 Pa

Reversible system 1.10 – 16 kW (R32/R410A)



## + SERVICES

### Flexible installation

- The condensate lift height can be up to 850 mm.
- Filter accessible from below or from the side (0.4 to 6 hp).
- 10% fresh air supply permitted.

## + APPRAISAL

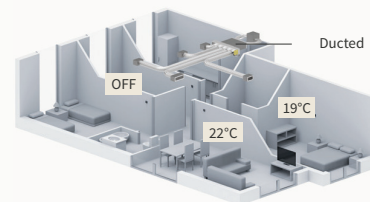
### Energy savings

The motion sensor (optional) automatically optimizes comfort while limiting energy consumption in spaces that are occupied only occasionally.

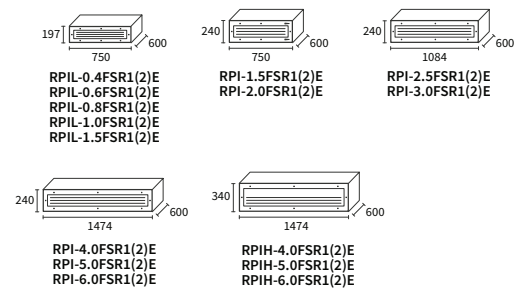
## + COMFORT

### Compatible with Airzone solution

Thanks to its partnership with Airzone, Hitachi is able to offer you precision step-by-step temperature control.



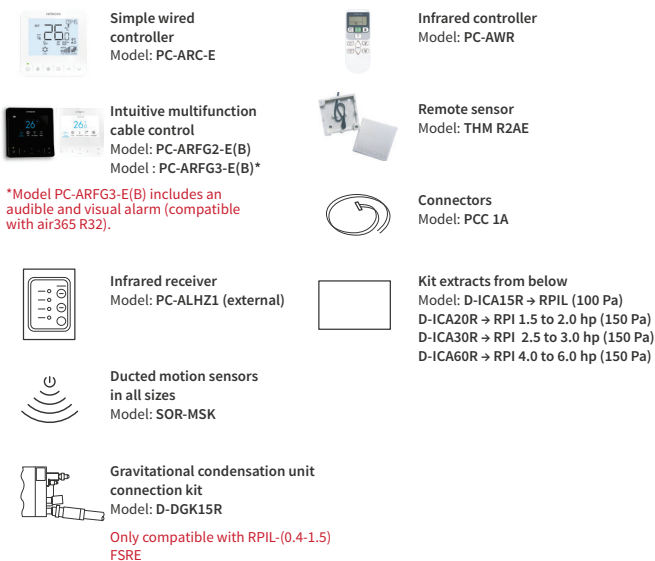
### Indoor units



The RPI(L/H)-(0.4-6.0)FSR2E model includes an R32 refrigerant leak detection sensor (compatible with air365 R32).

## Compatible controls and accessories

### Individual checks



The RPI(L/H)-(1.0-6.0)FSR2E model includes an R32 refrigerant leak detection sensor (compatible with air365 R32).

## Slim ducted unit, height 197 mm (up to 100 Pa available pressure)

Indoor units	Unit	RPIL-0.4FSR1(2)E	RPIL-0.6FSR1(2)E	RPIL-0.8FSR1(2)E	RPIL-1.0FSR1(2)E	RPIL-1.5FSR1(2)E
Power (adjustable)	hp (horse-power)	0.40	0.60	0.80	1.00	1.50
Capacity Cooling UTOPIA Prime & IVX	kW	not available	not available	2.00	2.50	3.60
Capacity Heating UTOPIA Prime & IVX	kW	not available	not available	2.20	2.80	4.00
Capacity Cooling SET FREE	kW	1.10	1.70	2.20	2.80	3.80 – 4.00
Capacity Heating SET FREE	kW	1.30	1.90	2.50	3.20	4.20 – 4.80
Absorbed capacity (low speed)	kW	0.02	0.02	0.02	0.03	0.03
Sound pressure in Cooling mode (low/medium/high speed) <sup>(1)(2)(3)</sup> (SP02) <sup>(4)</sup>	dB(A)	22/23/24	23/25/27	23/25/28		25/28/30
Sound pressure (high speed) (SP02) <sup>(4)</sup>	dB(A)	48	51	52		53
Min. airflow in Cooling mode (low/medium/high speed) (SP02) <sup>(4)</sup>	m <sup>3</sup> /h	300/330/360	330/390/438	342/390/462		390/474/528
Rated static pressure (min-max)	Pa	15 (0-100)			25 (0-100)	
Condensing pump	-	yes (can be removed to use as a gravity-fed unit)				
Max. elevation	mm	850				
Diameter of pipes (Liq - Gas)	inches	1/4 - 1/2				
Condensate pipe diameter (out)	mm	32				
Dimensions (HxLxD)	mm	197 x 750 x 600				
Weight	kg	23				
Power supply	-	1~ 230V 50 Hz				
Indoor unit power cable	-	3G1.5 mm <sup>2</sup>				
Bus cable section (EN 60 335-1) <sup>(2)</sup>	mm <sup>2</sup>	2x0.75 shielded (in accordance with local regulations)				
Max. current	A	5				

## Compact ducted unit (up to 150 Pa available pressure)

Indoor units	Unit	RPI-1.5FSR1(2)E	RPI-2.0FSR1(2)E	RPI-2.5FSR1(2)E	RPI-3.0FSR1(2)E	RPI-4.0FSR1(2)E	RPI-5.0FSR1(2)E	RPI-6.0FSR1(2)E
Power (adjustable)	hp (horse-power)	1.50	2.00	2.50	3.00	4.00	5.00	6.00
Capacity Cooling UTOPIA Prime & IVX	kW	3.60	5.00	5.60	7.10	10.00	12.50	14.00
Capacity Heating UTOPIA Prime & IVX	kW	4.00	5.60	6.30	8.00	11.20	14.00	16.00
Capacity Cooling SET FREE	kW	4.00	5.60	7.10	8.00	11.20	14.00	16.00
Capacity Heating SET FREE	kW	4.80	6.30	8.50	9.00	12.50	16.00	18.00
Sound level in Cooling mode (pressure) (low/medium/high speed) <sup>(1)(2)(3)</sup>	dB(A)	29 / 30 / 32 (SP02) <sup>(4)</sup>		30 / 32 / 34 (SP02) <sup>(4)</sup>	31 / 33 / 35 (SP02) <sup>(4)</sup>	35 / 38 / 39 (SP00) <sup>(4)</sup>	36 / 38 / 40 (SP00) <sup>(4)</sup>	
Sound power	dB(A)	55 (SP02) <sup>(4)</sup>	58 (SP02) <sup>(4)</sup>	57 (SP02) <sup>(4)</sup>	59 (SP02) <sup>(4)</sup>	62 (SP00) <sup>(4)</sup>	64 (SP00) <sup>(4)</sup>	
Airflow in Cooling mode (low/medium/high speed)	m <sup>3</sup> /h	600/690/840 (SP02) <sup>(4)</sup>	630/720/840 (SP02) <sup>(4)</sup>	900/1020/1200 (SP02) <sup>(4)</sup>	960/1140/1290 (SP02) <sup>(4)</sup>	1680/2070/2160 (SP00) <sup>(4)</sup>	1920/2100/2220 (SP00) <sup>(4)</sup>	1920/2130/2250 (SP00) <sup>(4)</sup>
Rated static pressure (min-max)	Pa	25 (0-150)		30 (0-150)		37 (0-150)	50 (0-150)	
Condensing pump	-	yes						
Max. elevation	mm	850						
Diameter of pipes (Liq - Gas)	inches	1/4 - 1/2	1/4 - 5/8		3/8 - 5/8			
Condensate pipe diameter (out)	mm	32						
Dimensions (HxLxD)	mm	240 x 750 x 600		240 x 1084 x 600		240 x 1474 x 600		
Weight	kg	26		32		42		
Power supply	-	1~ 230V 50 Hz						
Indoor unit power cable	-	3G1.5 mm <sup>2</sup>						
Bus cable section (EN 60 335-1) <sup>(2)</sup>	mm <sup>2</sup>	2 x 0.75 shielded (in accordance with local regulations)						
Max. current	A	5						

## High pressure ducted unit (up to 200 Pa available pressure)

Indoor units	Unit	RPIH-4.0FSR1(2)E	RPIH-5.0FSR1(2)E	RPIH-6.0FSR1(2)E
Power (adjustable)	hp (horse-power)	4.00	5.00	6.00
Capacity Cooling UTOPIA Prime & IVX	kW	10.00	12.50	14.00
Capacity Heating UTOPIA Prime & IVX	kW	11.20	14.00	16.00
Capacity Cooling SET FREE	kW	11.20	14.00	16.00
Capacity Heating SET FREE	kW	12.50	16.00	18.00
Sound level in Cooling mode (pressure) (low/medium/high speed) <sup>(1)(2)(3)</sup> (SP00) <sup>(4)</sup>	dB(A)	35/38/39		
Sound pressure (SP00) <sup>(4)</sup>	dB(A)	62		
Airflow Rate in Cooling Mode (low/medium/high speed) (SP00) <sup>(4)</sup>	m <sup>3</sup> /h	2100/2280/2340		2160/2280/2400
Rated static pressure (min-max)	Pa	155 (0-200)		
Condensing pump	-	yes		
Max. elevation	mm	850		
Diameter of pipes (Liq - Gas)	inches	3/8 - 5/8		
Condensate pipe diameter (out)	mm	32		
Dimensions (HxLxD)	mm	340 x 1474 x 600		
Weight	kg	44		
Power supply	-	1~ 230V 50 Hz		
Indoor unit power cable	-	3G1.5 mm <sup>2</sup>		
Bus cable section (EN 60 335-1) <sup>(2)</sup>	mm <sup>2</sup>	2 x 0.75 shielded (in accordance with local regulations)		
Max. current	A	5		

<sup>(1)</sup> Sound levels (pressure) are measured in an anechoic chamber at 1.50 m under the unit (without a ceiling under the unit), with an extraction duct at 1 m and 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.

<sup>(3)</sup> High-speed access is possible with the PC-ARFG2(3)-E(B) and PC-ARC-E remote controls.

<sup>(4)</sup> SP: external static pressure (defined with the optional function "C5" on the remote control: 00: standard, 01: external static high-pressure, 02: external static low-pressure).