

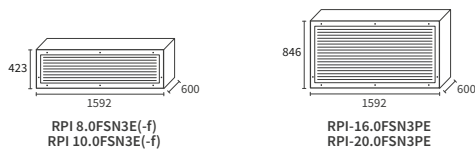
# IVX Comfort ducted

ONLY FROM  
HITACHI

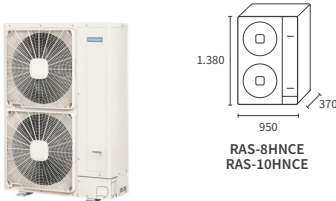
High pressure or High capacity  
20 to 50 kW (R410A), Single-split



## Indoor units

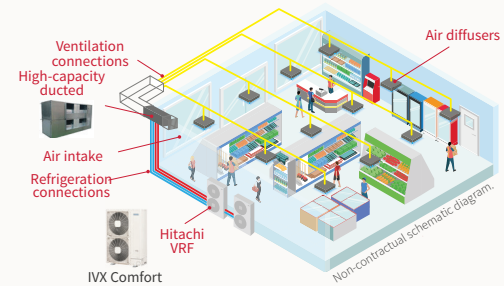


## Outdoor units



## + POSSIBILITIES

- The non-flammable insulating material is certified with a grade of Flammability Class "B s3 d1" (based on European standard EN 13501-1+1: 2009)
- Ideal for replacing old rooftop units
- Long installation length: Up to 100 m



## + CONTROL

- Compatible with GTB Modbus, KNX, BACnet (via gateway)
- Dry contact ON/OFF and standard alarm output

## + POWER

- Only 1 ducted for 50 kW delivered
- 220 Pa of static pressure available

## Compatible controls and accessories

The UTOPIA PRIME range is compatible with centralized GTB gateways (Modbus, KNX, BACnet) as standard.

### Individual checks



Fully wired  
Ref.: PC-ARFG2-E(B)

NEW



Simple wired system  
Ref.: PC-ARC-E



Infrared (+ receiver)  
Ref.: PC-AWR  
(+ PC-ALHZ1)



Touch-sensitive  
Ref.: PSC-A32MN

### Centralized controls

### CSNET Manager



CSNET Lite (web)



CSNET Manager 2 SL (web)



CSNET Manager 2T10  
(web and touch)  
CSNET Manager 2T15  
(web and touch)

### Remote access



airCloud Pro  
Ref.: HC-IOTGW



Remote sensor  
Ref.: THM R2AE



Adjustable input/output  
contact connections  
Ref.: PCC 1A

### Indoor unit control accessories

R410A REFRIGERANT

Models	Unit	20 kW 8 hp	25 kW 10 hp	40 kW 16 hp	50 kW 20 hp
<b>Performance, cooling</b>					
Nominal power (min. - max.)	kW	20.00 (8.00 - 22.40)	25.00 (10.00 - 28.00)	40.00 (16.00 - 44.80)	50.00 (20.00 - 56.00)
Nominal power consumption (per unit)	kW	5.95	8.28	5.95	8.28
EER	-	3.36	3.02	3.36	3.02
<b>Cold states</b>	<b>%</b>	<b>268.6</b>	<b>261.4</b>	<b>268.6</b>	<b>261.4</b>
SEER (average climate)	-	6.79	6.61	6.79	6.61
Operating range <sup>(1)</sup>	-	(OPT -15°C) -5°C/46°C (DB)			
<b>Performance, heating</b>					
Nominal power (min. - max.)	kW	20.00 (6.30 - 28.00)	25.00 (8.00 - 35.00)	40.00 (12.60 - 56.00)	50.00 (16.00 - 70.00)
Nominal power consumption (per unit)	kW	5.88	7.71	5.88	7.71
COP	-	3.81	3.63	3.81	3.63
<b>Hot States</b>	<b>%</b>	<b>164.4</b>	<b>148.6</b>	<b>164.6</b>	<b>148.6</b>
SCOP (average climate)	-	4.19	3.79	4.19	3.79
Operating range	-	-20°C/18°C (WB)			
<b>Indoor units</b>					
	<b>Unit</b>	<b>RPI 8.0FSN3E(-F)*</b>	<b>RPI 10.0FSN3E(-F)*</b>	<b>RPI-16.0FSN3PE(-F)*</b>	<b>RPI-20.0FSN3PE(-F)*</b>
Sound pressure in Cooling mode (low/medium/high speed) <sup>(2)</sup>	dB(A)	51/54/54	52/55/55	53 / 56 / 56	54 / - / 57
Sound power	dB(A)	77	78	79	80
Airflow in Cooling mode (low/medium/high speed)	m <sup>3</sup> /h	3570/3960/3960	4056/4500/4500	7200/7920/7920	8220/-/9000
Nom. static pressure (min. - max.)	Pa	180 (140-220)			
Dehumidification	l/h	7.70	8.80	15.00	17.00
Condensate pump	-	no			
Cooling pipe diameter (Liq - Gas) <sup>(3)</sup>	inches	3/8 - 3/4	3/8 - 7/8	3/8 - 3/4	3/8 - 7/8
Condensate pipe diameter (out)	mm	25			
Dimensions (HxWxD)	mm	423 x 1592 x 600		846 x 1592 x 600	
Weight	kg	85	87	171	175
Power supply	-	1~ 230V 50 Hz			
Cable section <sup>(4)</sup>	mm <sup>2</sup>	3 x 2.50			
Remote control	-	PC-ARFG2-E(B) / PC-ARC-E			
<b>Outdoor units</b>					
	<b>Unit</b>	<b>RAS-8HNCE</b>	<b>RAS-10HNCE</b>	<b>2x RAS-8HNCE</b>	<b>2x RAS-10HNCE</b>
<b>Technical characteristics</b>					
Airflow (cooling)	m <sup>3</sup> /h	7620	8040	7620	8040
Sound pressure in Cooling mode (Night mode) <sup>(1)</sup>	dB(A)	57 (55)	58 (56)	57 (55)	58 (56)
Sound power	dB(A)	76			
Net weight	kg	133	138	133	138
Dimensions (HxWxD)	mm	1380 x 950 x 370			
Compressor	-	SCROLL Inverter			
<b>Cooling properties</b>					
Maximum length/Added refrigerant	m / g/m	100/to be calculated according to technical documentation			
Initial refrigerant fill	kg	5.7	6.2	5,7 per outdoor unit	6,2 per outdoor unit
Preloaded for	m	to be calculated according to the technical documentation			
Max. drop (outdoor unit above/below)	m	30 / 20			
Diameter of pipework (Liq - Gas) <sup>(5)</sup>	inches	3/8 - 1	1/2 - 1	3/8 - 1	1/2 - 1
Refrigerant	-	R410A			
<b>Electrical features, outdoor unit</b>					
Power supply	-	3~ 400V 50 Hz + N + T			
Maximum current	A	24			
Cable section <sup>(4)</sup>	mm <sup>2</sup>	5 x 6.00			
Indoor/outdoor connection (protected) <sup>(5)</sup>	mm <sup>2</sup>	2 x 0.75			
<sup>(1)</sup> To ensure cooling mode at -15°C, the "cooling only" and "master-slave" switch settings must be activated.					
<sup>(2)</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>(3)</sup> When the length exceeds 70 m, the diameter of the liquid tube must be 1/2.					
<sup>(4)</sup> The information provided is for informational purposes only. It is the installer's responsibility to ensure that these Cable sections meet the needs of the facility and current standards.					
<sup>(5)</sup> Shielding to be replaced every 300 m.					
<sup>(V)</sup> Single-phase version.					
<b>Retail price per unit excluding taxes</b>					
<b>Indoor unit</b>		<b>RPI 8.0FSN3E</b>	<b>RPI 10.0FSN3E</b>	<b>RPI-16.0FSN3PE</b>	<b>RPI-20.0FSN3PE</b>
<b>Outdoor unit</b>		<b>RAS-8HNCE</b>	<b>RAS-10HNCE</b>	<b>2 x RAS-8HNCE</b>	<b>2 x RAS-10HNCE</b>
<b>Three-phase</b>					
<b>Wired remote control PC-ARFG2-E(B)</b>					
<b>Price for whole set</b>					
<b>Indoor unit + remote control + outdoor unit</b>					