



EF 4,5 & 6N1E

Functions

- /// The Econofresh can be attached to the RPI size 4, 5 & 6 ducted units. Fresh and recycled air is controlled using a series of dampers
- /// It can also be connected to a CO₂ sensor to ensure the air quality or use of an enthalpy probe
- /// The Econofresh kit can provide up to 100% fresh air and has the ability to provide "free cooling" when the outdoor temperature is below the indoor setting temperature
- /// Used in conjunction with Hitachi's RPI In the Ceiling unit
- /// Maintains the correct room temperature and provides fresh air, but also provides natural cooling therefore increasing energy savings.



RAS 5 H(V)NP1E

Outdoor units

- /// New DC inverter compressor for improved low-speed and part-load seasonal performance
- /// SCOP of up to 4.65 A+ rating and SEER of up to 6.82 A++ rating.
- /// Individual control of multiple indoor units in each zone
- /// Adjust temperature settings according to occupancy and external environmental conditions to save on energy.
- /// Reduced number of outdoor units and less pipework required.
- /// Cold draught prevention, frost protection and low noise as standard.



RPI-FSN5E

Indoor units

- /// Ultra low energy consumption
- /// Ultra quiet - up to 27 dB(A)
- /// 3 fan speeds
3 static pressure settings
- /// All models compatible with the UTOPIA IVX and SET FREE ranges
- /// Easily accessible filters.



EF 5N1E

DUCTED INDOOR UNITS

		RPI 4.0FSN5E	RPI 5.0FSN5E	RPI 6.0FSN5E
Nominal Cooling Capacity (min - max) ⁽¹⁾	kW	10 (4.5 - 11.2)	12.5 (5.7 - 14.0)	14.0 (6.0 - 16.0)
Nominal Heating Capacity (min - max) ⁽²⁾	kW	11.2 (5.0 - 14.0)	14.0 (5.0 - 16.0)	16.0 (5.0 - 18.0)
UK Cooling Capacity (sensible) ⁽³⁾	kW	10.6 (8.2)	13.2 (9.5)	15.7 (10.8)
Noise Level (sound pressure) (L / M / H) ⁽⁴⁾ (SP-00)	dB(A)	32 / 35 / 37	33 / 35 / 38	33 / 36 / 39
Noise level (sound power) (SP-00)	dB(A)	62	65	66
Air flow cooling mode (L / M / H)	m ³ /h	1500 / 1680 / 1800	1680 / 1920 / 2100	1740/1980/2160
Static Pressure Nom. (min ~ max)	Pa	45 (0 - 120)	50 (0 - 140)	50 (0 - 140)
Dimensions (H x W x D)	mm	275 x 1474 x 600	275 x 1474 x 600	275 x 1474 x 600
Weight	kg	48	48	48
Included Condensate Pump		yes	yes	yes
Drain Diameter (ext)		φ32mm	φ32mm	φ32mm
Piping Diameter (Liquid / Gas)	Inch mm	3/8 / 5/8 9.53 / 15.88	3/8 / 5/8 9.53 / 15.88	3/8 / 5/8 9.53 / 15.88
Power Input	w	250	250	250
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Recommended fuse size	A	5	5	5

(1) Nominal Cooling: Internal temperature 27°C db (19°C wb) - Ambient 35°C

(2) Nominal Heating: Internal temperature 20°C - Ambient 7°C db (6°C wb)

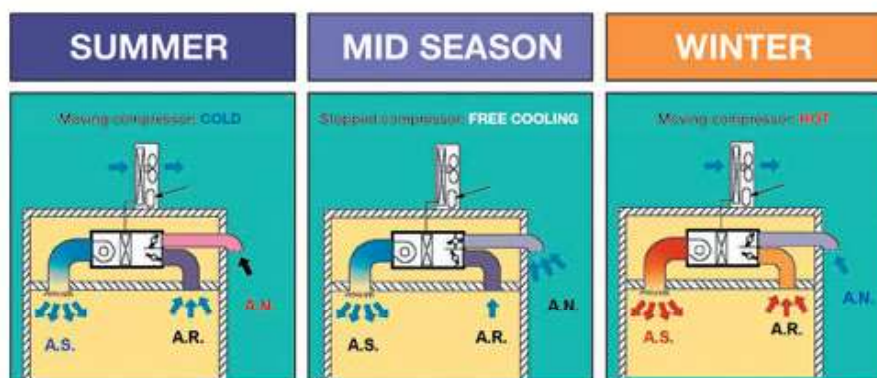
(3) UK Cooling: Internal Temperature 23°C db (16°C wb) - Ambient 30°C

(4) Sound pressure level is measured at 1.5m below the unit (Measured in an anechoic chamber).

ECONOFRESH KIT

		EF-456N1E
Dimensions H x W x D	mm	254 x 1491 x 270
Weight	kg	13.7
Power Supply		Fed From Indoor Unit
Interconnecting Cables		Supplied
Remote Controller Type		via Indoor Unit

The Econofresh EF-456NE is compatible with ES, IVX and Set Free Systems
Data in table above is when used with IVX Premium.



OPERATING PRINCIPLE