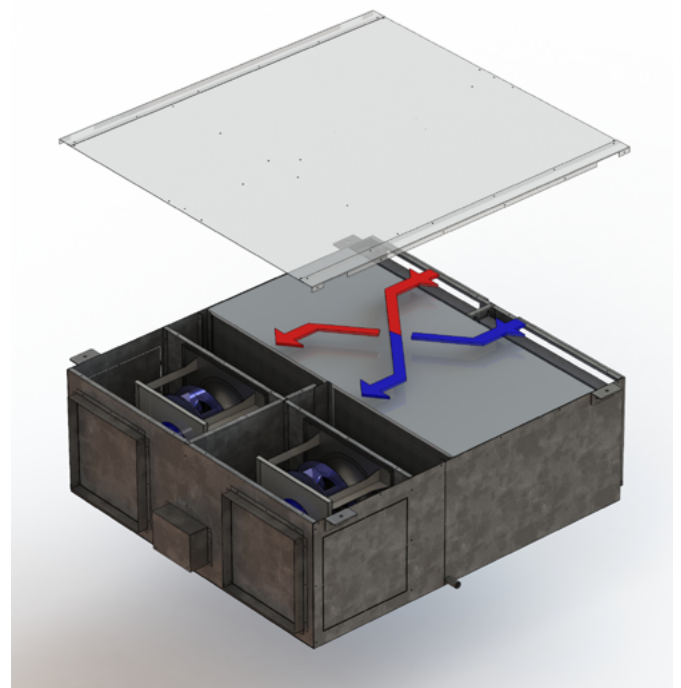
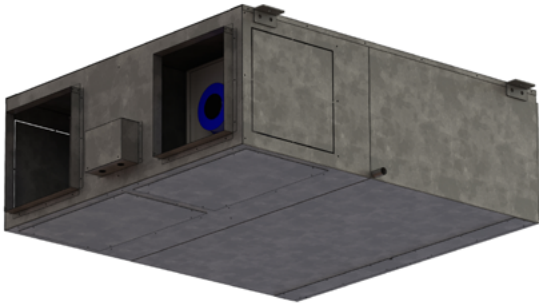


# ERV-IC 400-ECP

## Technical Data



Contact your Air Change representative for a psychrometric unit selection

### Airflow

Supply Air	400l/s (nominal)
Exhaust Air	400l/s (nominal)
Outside Air	100%

### Fans

Type	EC Plug
------	---------

Supply Air

Total Fans	x1
Nominal Power	750W
Fan Diameter	250 mm
Fan Speed (max.)	3450RPM
Motor Efficiency Class	IE4
Ingress Protection Class	IP54
Speed Control	External 0-10V Signal or Potentiometer Controller

### Fans

Type	EC Plug
------	---------

Exhaust Air

Total Fans	x1
Nominal Power	750W
Fan Diameter	250mm
Fan Speed (max.)	3450RPM
Motor Efficiency Class	IE4
Ingress Protection Class	IP54
Speed Control	External 0-10V Signal or Potentiometer Controller

### Air-to-Air Heat Exchanger

HEX Type	Counterflow Plate
HEX Media	Sensible-only or Enthalpy

### Electrical & Controls

Electrical Input	240V / 1 ph / 50Hz
Full Load Amps	6.6A
Control	Low Level Interface

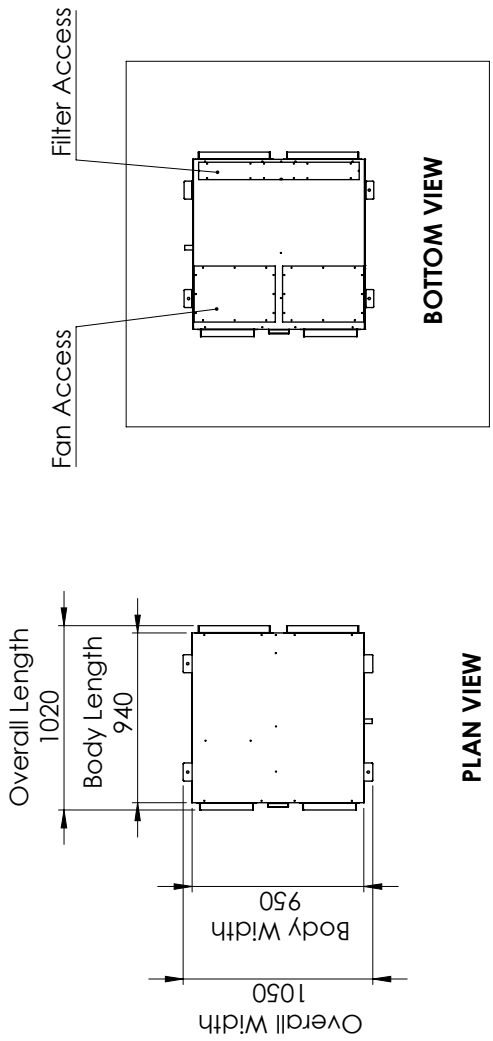
### Construction

Weatherproof	No
Casing	Galvanised Sheetmetal
Insulation	12mm Polyurethane Film Faced Foam
Internal Drain Tray	Incl. with Sensible-only HEX option
Internal Filters	Panel Filters included
Filter Quantity	x2
Filter Size (W x H x D)	425 mm x 415 mm x 50mm
Filtration Grade	G4

# ERV-IC 400-ECP

## Technical Data

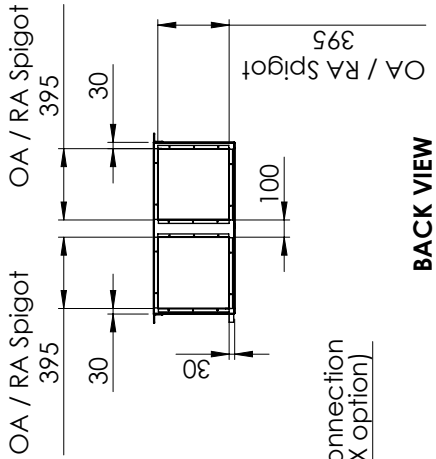
**Dimensions**



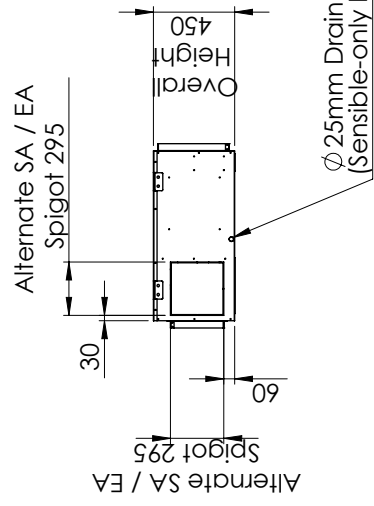
**Note:** Unit must be configured so that the SA Spigot is diagonally opposite to the OA Spigot, and the EA Spigot is diagonally opposite to the RA Spigot.

**PLAN VIEW**

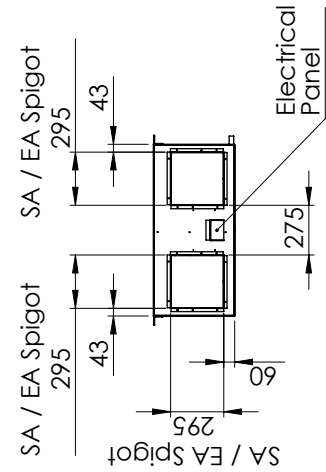
**BOTTOM VIEW**



**BACK VIEW**



**SIDE VIEW**



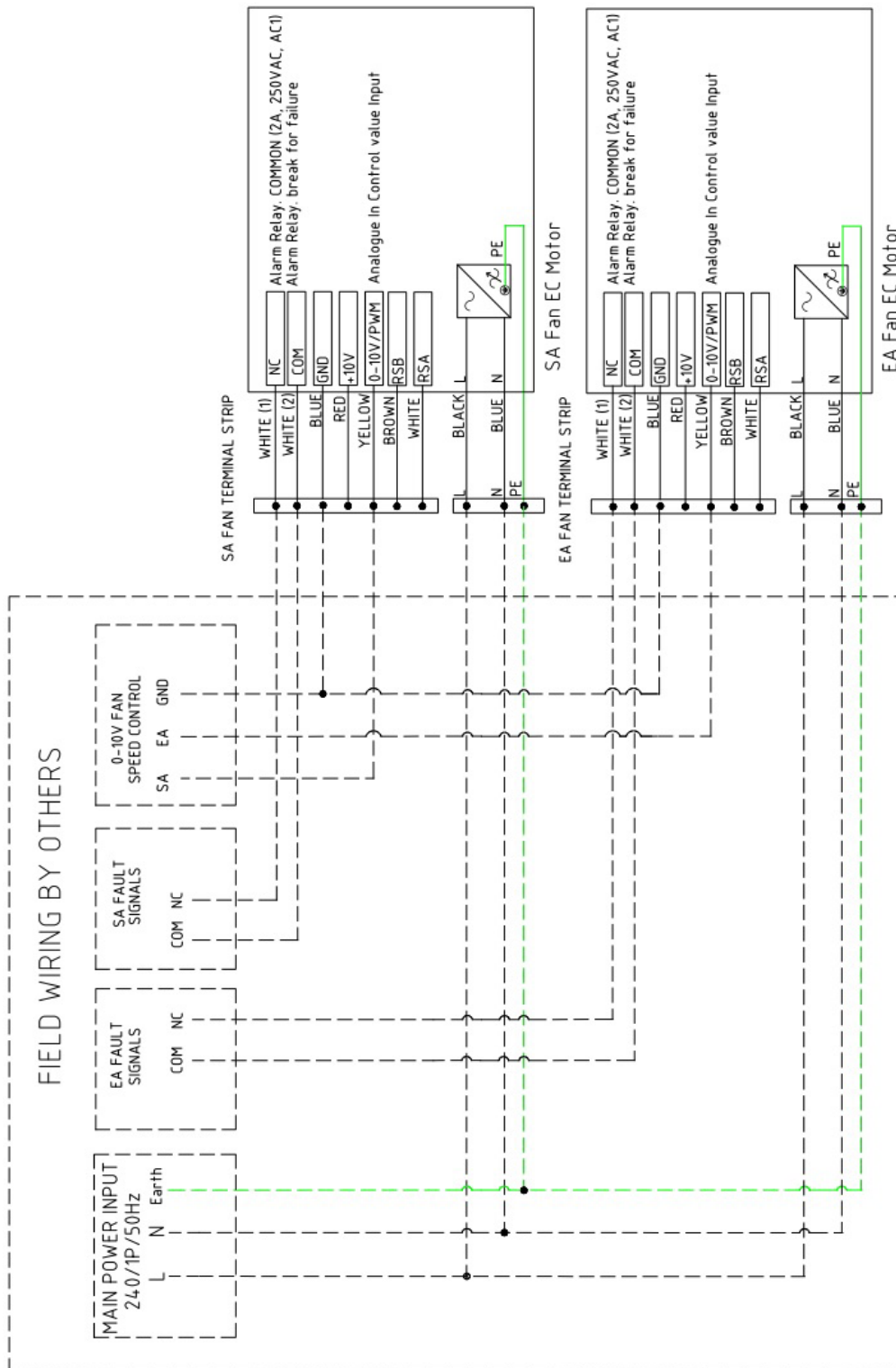
**FRONT VIEW**

Unit Weight: 110kg

# ERV-IC 400-ECP

## Technical Data

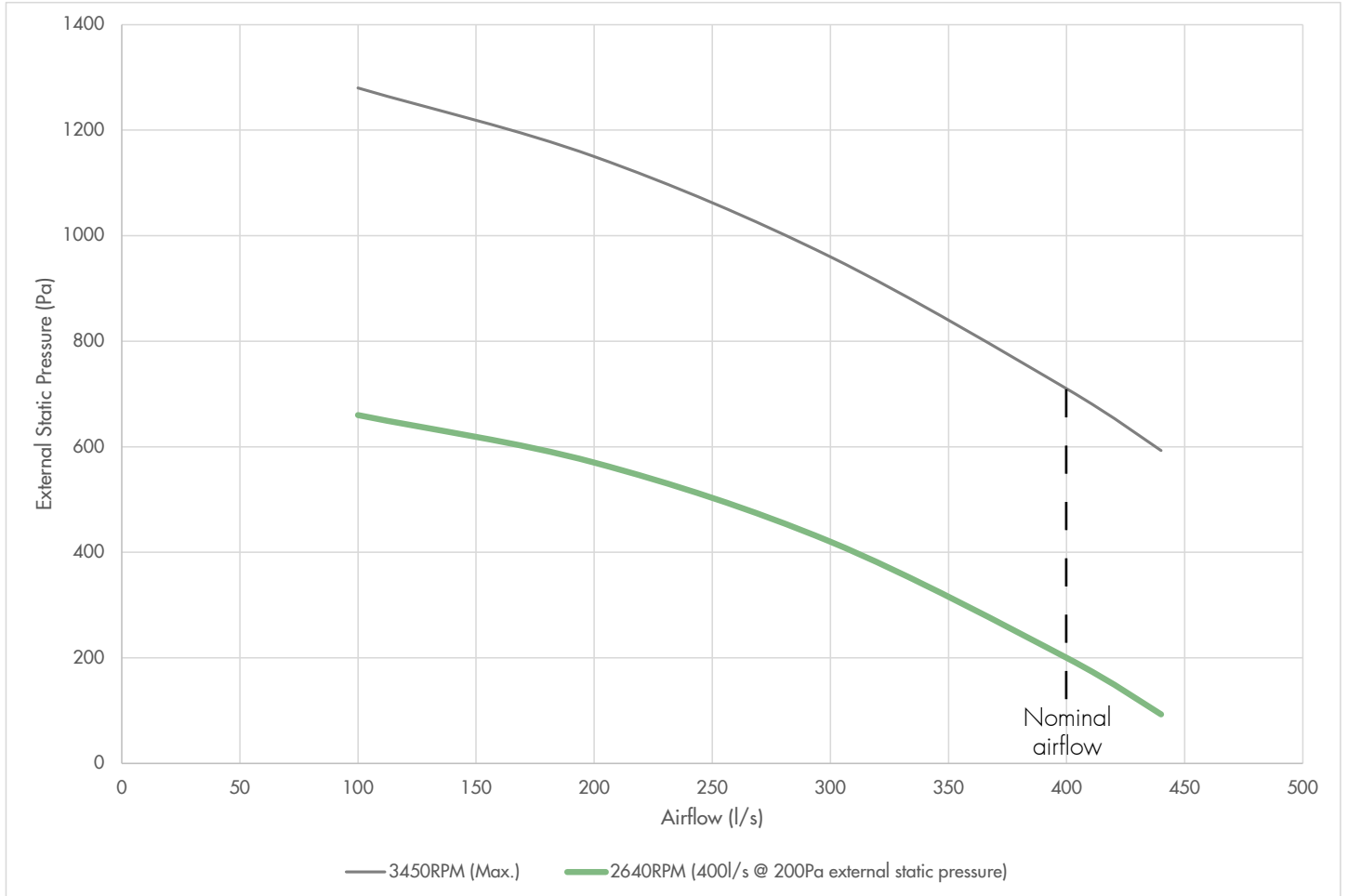
 **Wiring Diagram**



# ERV-IC 400-ECP

## Technical Data

### Supply / Exhaust Air Fan Curve



Fan Absorbed Power (400l/s @ 200Pa external static pressure): 357W

### Supply / Exhaust Air Fan Acoustics (Sound Power)<sup>†</sup>

400/s @ 200Pa External Static Pressure									
Inlet									
Frequency (Hz)	sum	63	125	250	500	1000	2000	4000	8000
A-weighted (dB)	-	-	-	-	-	-	-	-	-
Non A-weighted (dB)	72	73	71	69	67	65	64	66	53
Outlet									
Frequency (Hz)	sum	63	125	250	500	1000	2000	4000	8000
A-weighted (dB)	-	-	-	-	-	-	-	-	-
Non A-weighted (dB)	75	67	68	75	70	70	69	64	60

<sup>†</sup> Noise data considers supply / exhaust air fans individually, without attenuation by the cabinet.