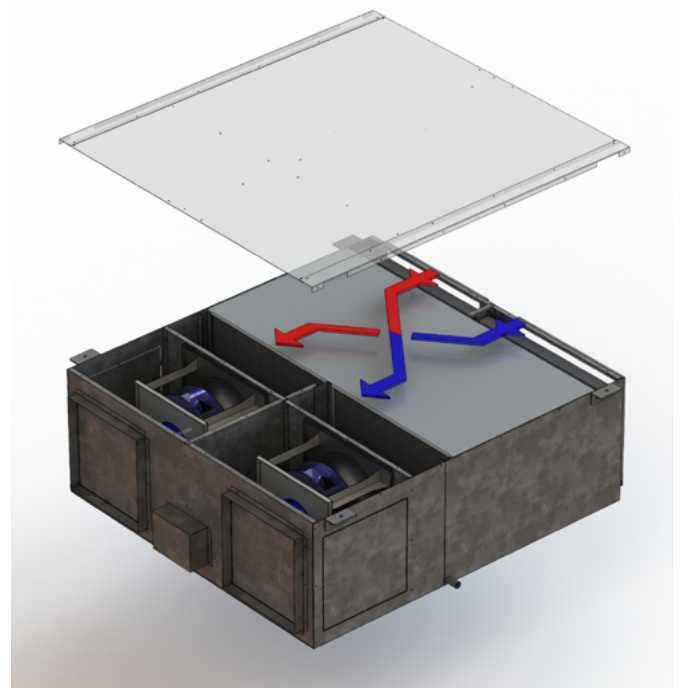
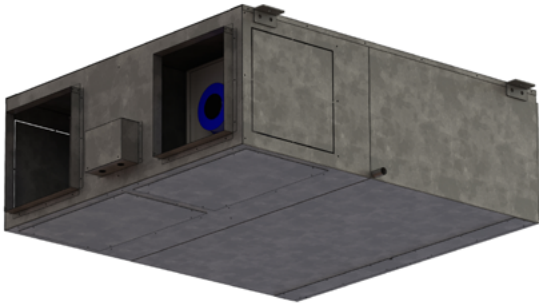


# ERV-IC 1200-ECP

## Technical Data



Contact your Air Change representative for a psychrometric unit selection

Airflow	
Supply Air	1200l/s (nominal)
Exhaust Air	1200l/s (nominal)
Outside Air	100%

Fans	
Type	EC Plug
Total Fans	x1
Nominal Power	2.5kW
Fan Diameter	350mm
Fan Speed (max.)	2970RPM
Motor Efficiency Class	IE4
Ingress Protection Class	IP54
Speed Control	External 0-10V Signal or Potentiometer Controller

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Type	EC Plug
Total Fans	x1
Nominal Power	2.5kW
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Fan Speed (max.)	2970RPM
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

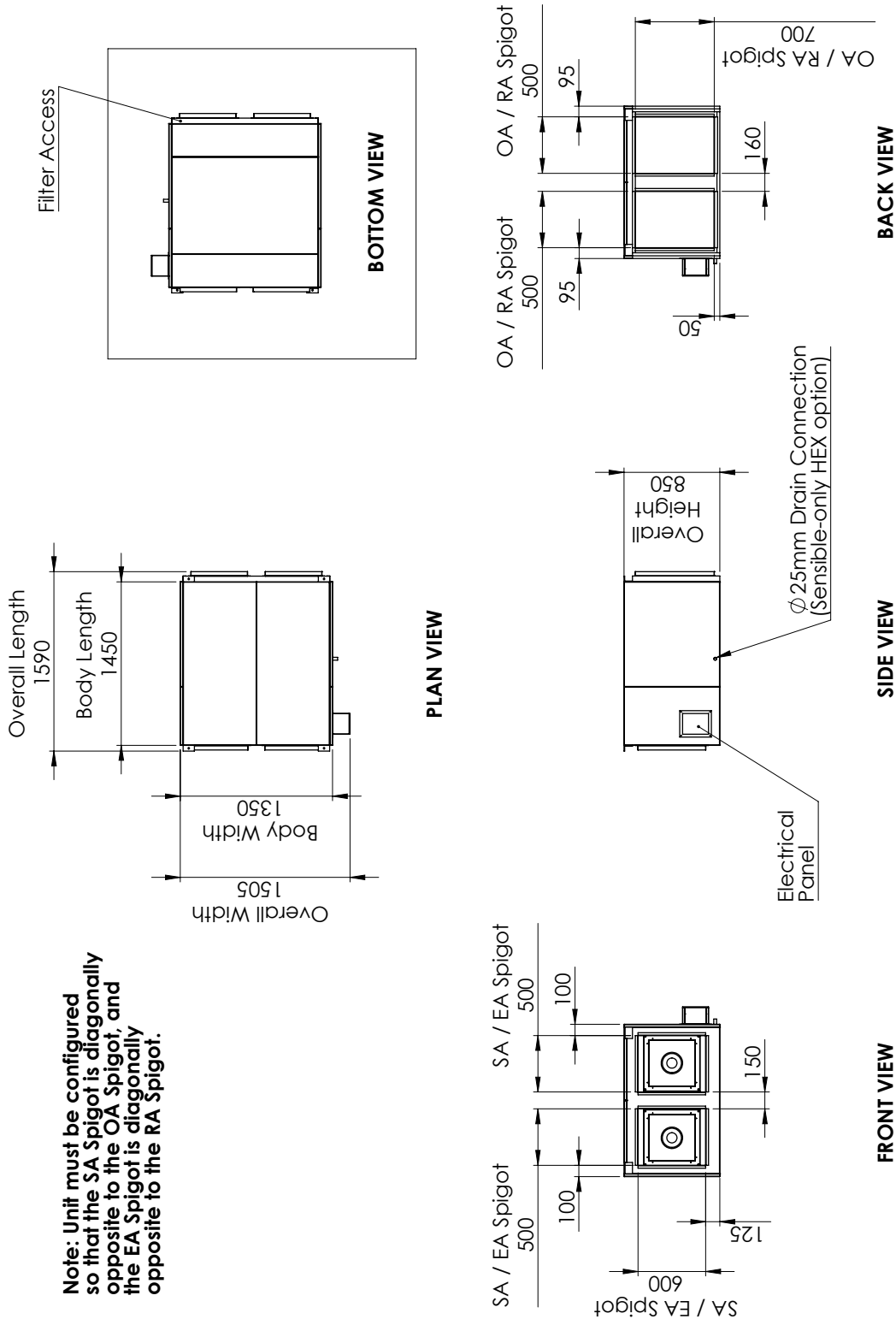
Electrical & Controls	
Electrical Input	415V / 3ph / 50Hz
Full Load Amps	7.6A
Control	Low Level Interface

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)	650mm x 770mm x 50mm
Filtration Grade	G4

# ERV-IC 1200-ECP

## Technical Data

**Dimensions**



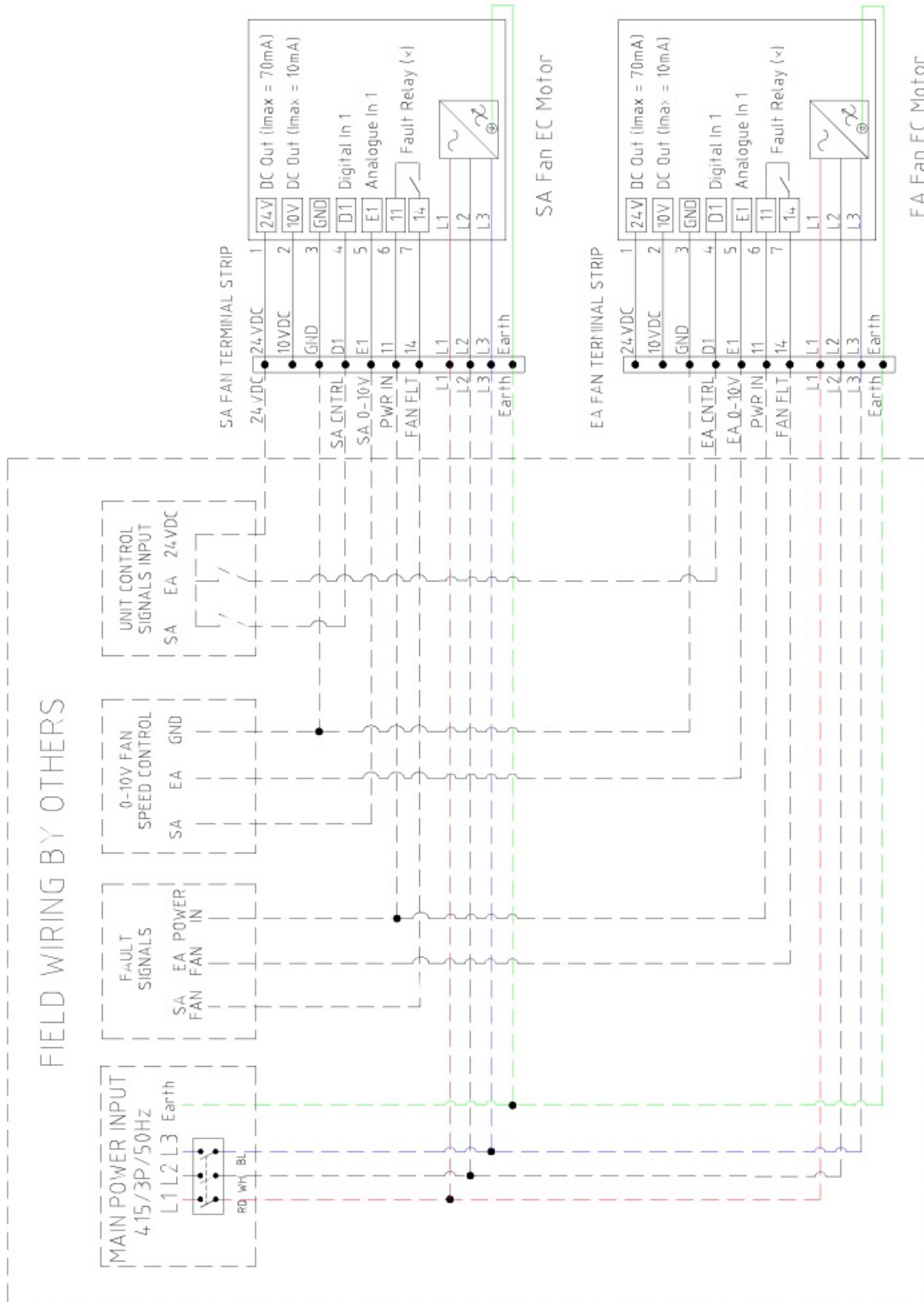
**Note:** Unit must be configured so that the SA Spigot is diagonally opposite to the OA Spigot, and the EA Spigot is diagonally opposite to the RA Spigot.

Unit Weight: 400kg

# ERV-IC 1200-ECP

## Technical Data

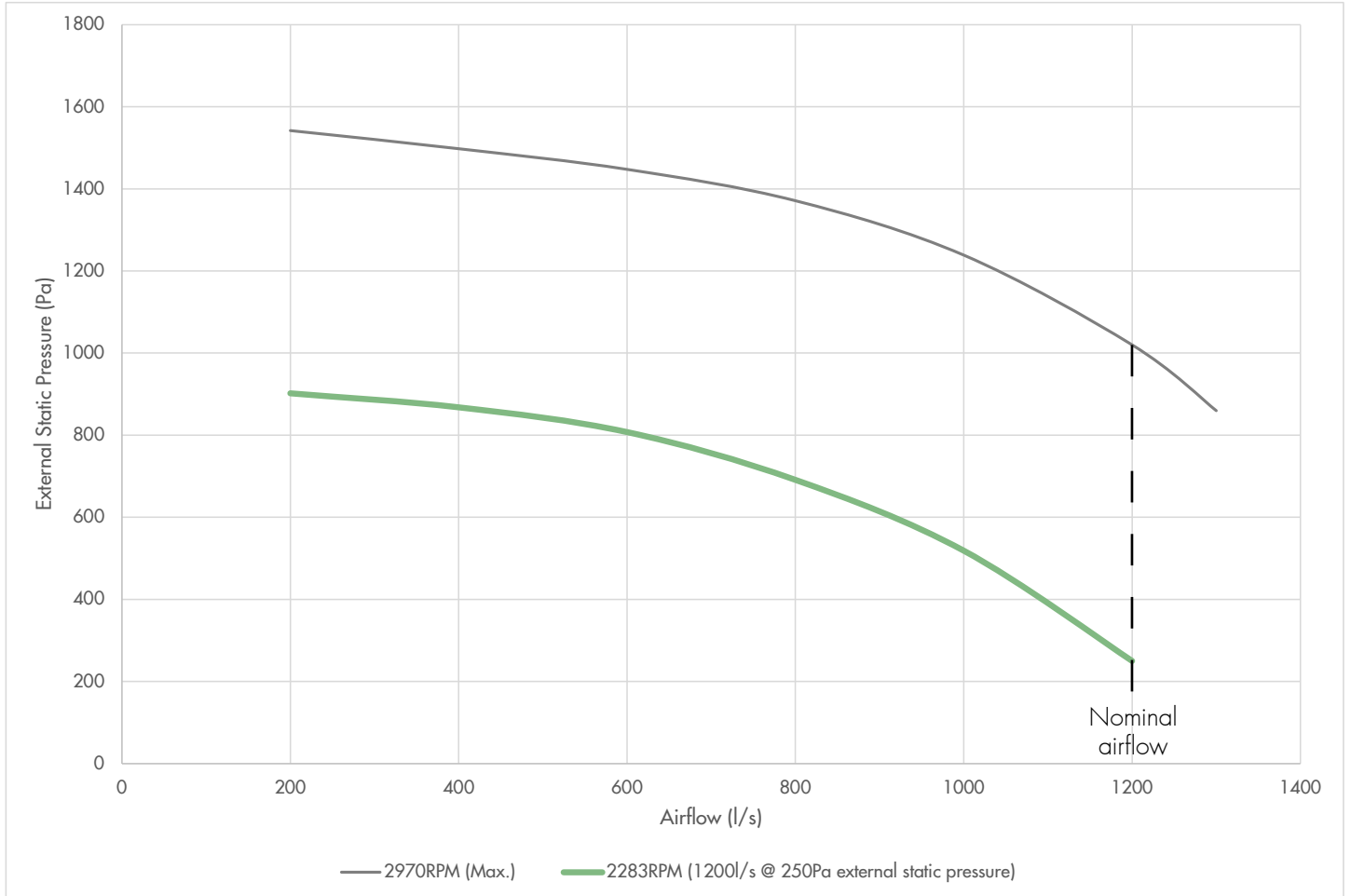
**Wiring Diagram**



# ERV-IC 1200-ECP

## Technical Data

### Supply / Exhaust Air Fan Curve



Fan Absorbed Power (1200l/s @ 250Pa external static pressure): 1068W

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

1200/s @ 250Pa External Static Pressure									
Inlet									
Frequency (Hz)	sum	63	125	250	500	1000	2000	4000	8000
A-weighted (dB)	75	41	49	68	69	67	68	64	65
Non A-weighted (dB)	79	66	64	77	72	67	67	63	66
Outlet									
Frequency (Hz)	sum	63	125	250	500	1000	2000	4000	8000
A-weighted (dB)	82	42	52	70	72	78	75	71	69
Non A-weighted (dB)	83	68	68	78	75	78	74	70	70

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