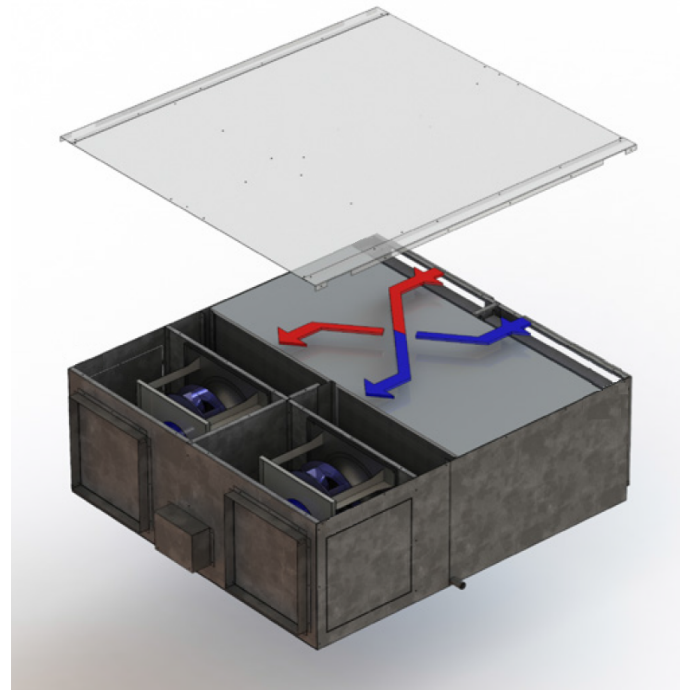
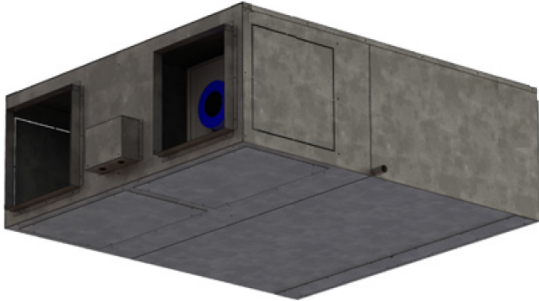


# ERV-IC 200-ECP

## Technical Data



Contact your Air Change representative for a psychrometric unit selection

Airflow	
Supply Air	200l/s (nominal)
Exhaust Air	200l/s (nominal)
Outside Air	100%

Fans	
Type	EC Plug
Total Fans	x1
Nominal Power	180W
Fan Diameter	190mm
Fan Speed (max.)	4500RPM
Motor Efficiency Class	IE4
Ingress Protection Class	IP54
Speed Control	Potentiometer Control

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Type	EC Plug
Total Fans	x1
Nominal Power	180W
Fan Diameter	190mm
Fan Speed (max.)	4500RPM
Motor Efficiency Class	IE4
Ingress Protection Class	IP54
Speed Control	Potentiometer Control

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	2.8A
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)	335 mm x 335 mm x 50mm
Filtration Grade	G4

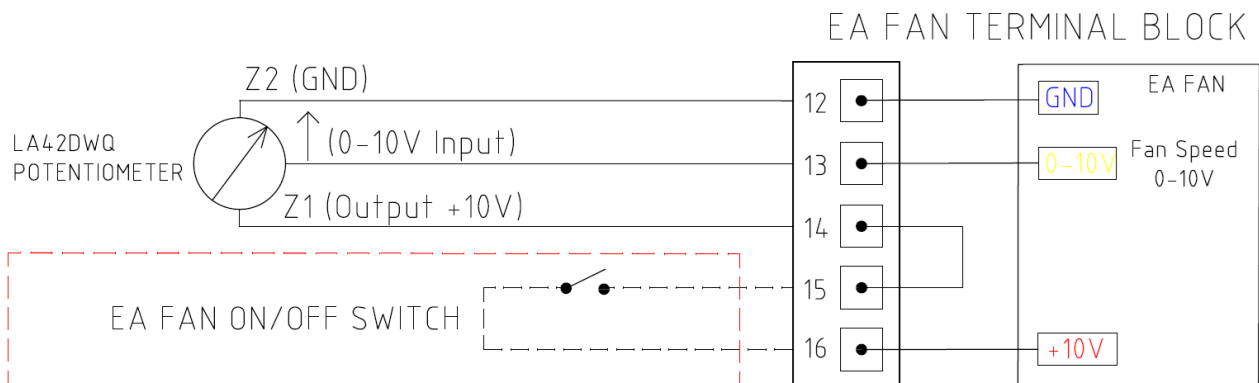
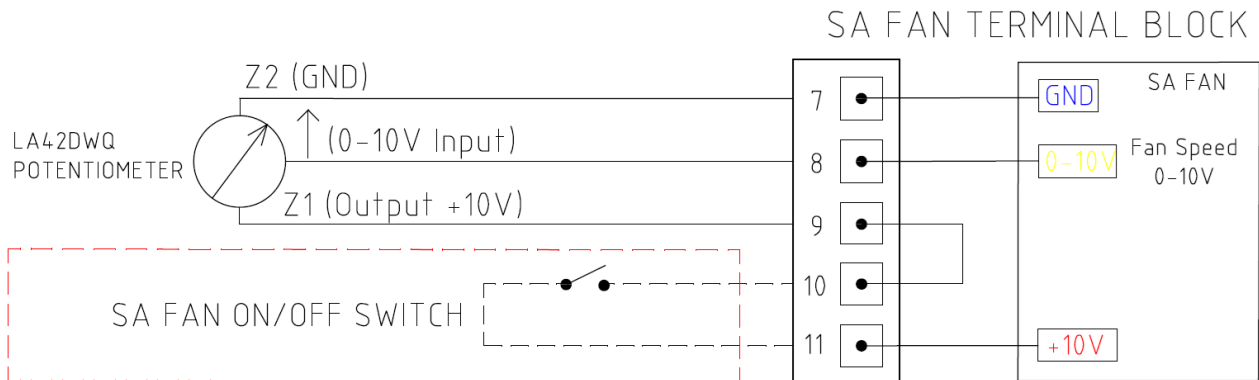
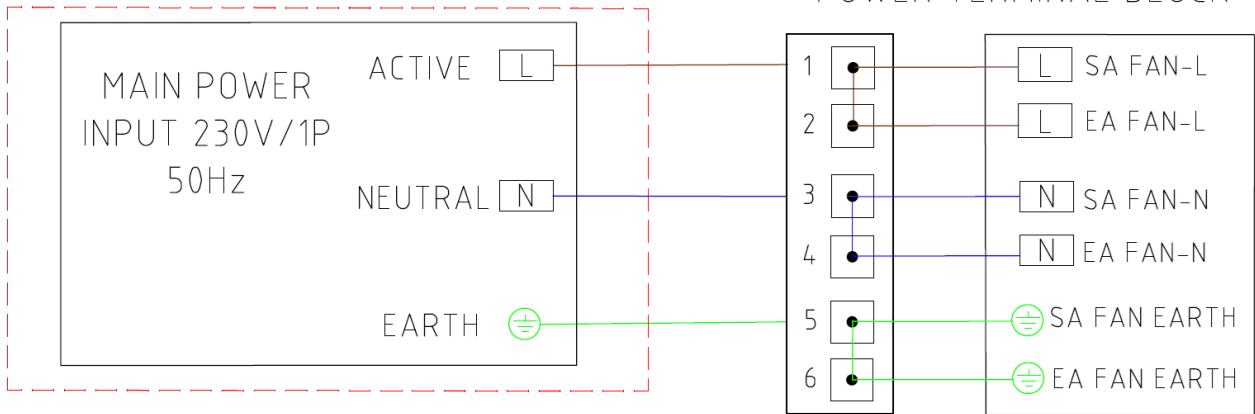


# ERV-IC 200-ECP

## Technical Data

### Wiring Diagram

#### FIELD WIRING BY OTHERS



---- DENOTES FIELD WIRING

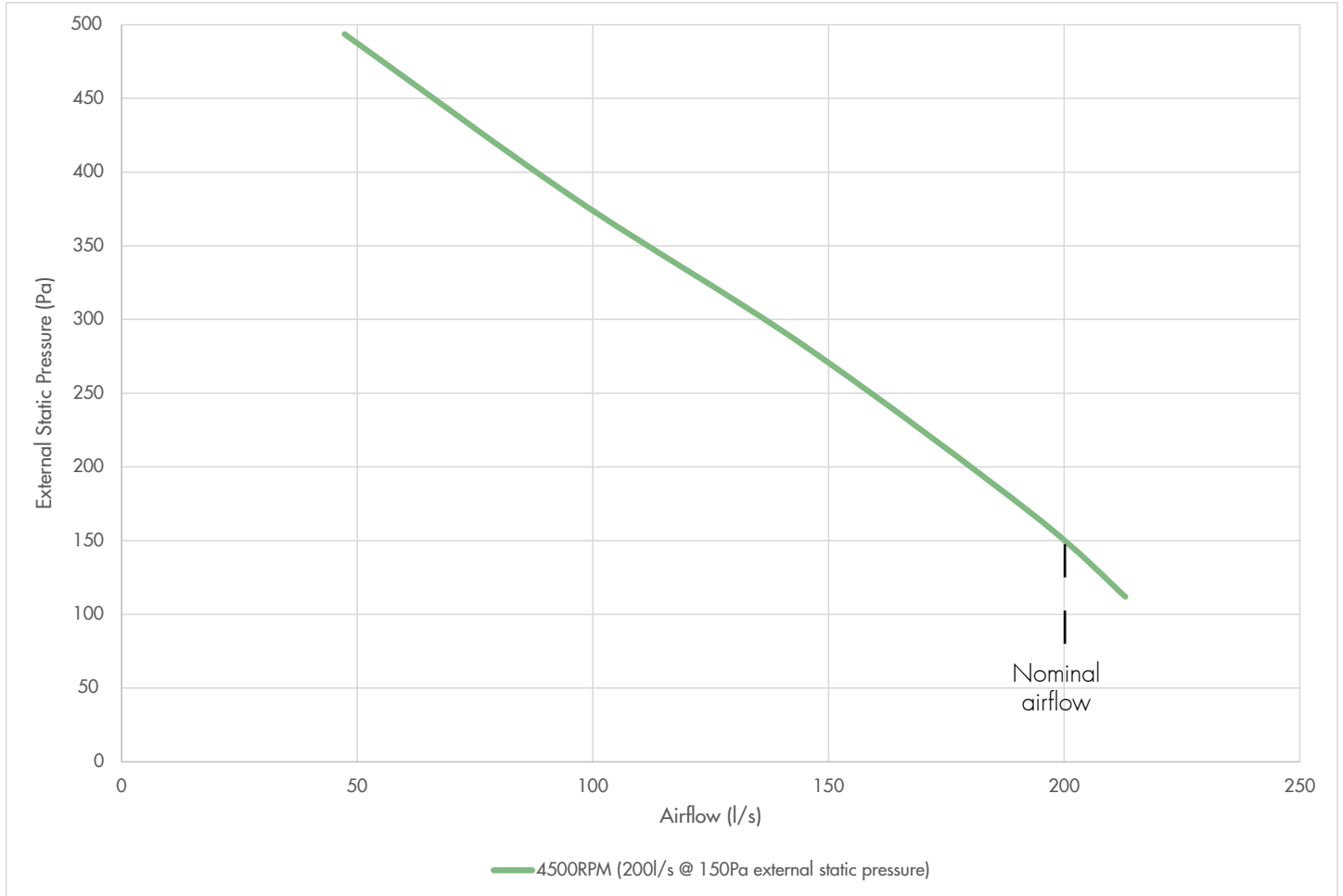
COMPONENTS	LRA	FLA
SA FAN - 180W EC 240V/1P@50HZ (X 1)	N/A	1.4
EA FAN - 180W EC 240V/1P@50HZ (X 1)	N/A	1.4

NOTE:  
CIRCUIT BREAKER TO BE  
INSTALLED BY OTHERS  
MAX 10A

# ERV-IC 200-ECP

## Technical Data

### Supply / Exhaust Air Fan Curve



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

200l/s @ 150 Pa External Static Pressure									
Inlet									
Frequency (Hz)	sum	63	125	250	500	1000	2000	4000	8000
<b>A-weighted (dB)</b>	73	-	-	-	-	-	-	-	-
<b>Non A-weighted (dB)</b>	-	62	61	64	67	67	67	64	64
Outlet									
Frequency (Hz)	sum	63	125	250	500	1000	2000	4000	8000
<b>A-weighted (dB)</b>	78	-	-	-	-	-	-	-	-
<b>Non A-weighted (dB)</b>	-	67	66	69	72	72	72	69	69

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