

Fume Cupboard Electrical Connections:

SINGLE PHASE CONNECTION (Using Syncroflow drive)

Refer to Dynaflow 1 Phase FC – Syncroflow Electrician Instruction Diagram.

1. Connect 2 off Single phase 240V to the main power inlet terminals (Input1). Follow the coding A (Breaker) – N – E. (20 Amps each)

Note: As per Standard AS/NZS 3000:2018 Clause 2.6.3.2.3.2, Electrical Contractor to provide RCD Back at the Switchboard, 2x20A Circuits - Both from same distribution board

2. Connect exhaust fan to **Three phase 240V – DELTA** configuration from the Drive outlet (**Must Use: 1.5mm 4Core EMC - Braided Cable**). An EMC compliant isolator switch must be provided. Follow the coding U – V – W – E.

3. Identify if a scrubber is part of the required components. If a scrubber is required, please refer to Note 1 on the Electrical Connection drawing.

Note 1. "Electrical Connection Drawing"

GPO must be available near the Scrubber pump.

Power for this GPO comes from the Terminal Outlet to Scrubber Pump inside the connection panel. Follow coding SA – SN – SE.

- Some customers request direct connection to the pump – please liaise with the Site Supervisor regarding connection preferences.

Do not change any other connections inside electrical panel.

NOTE: For applications using different voltage than 240V, the Fume Cupboard electrical components and pre-wiring has been completed to meet the power availability conditions. Please follow the same instructions above.



Quality
ISO 9001
SAI GLOBAL

Accredited No. 2910
Ermington Site
ISO 9001 LIC QEC26306 SAI Global

Dynaflow Pty Ltd ABN 28 008 493 178 • Email: info@dynaflow.com.au • Website: www.dynaflow.com.au

30 Waratah St, Melrose Park NSW
Locked Bag 801, Ermington 1700 Australia
Tel: +61 (0) 2 9858 0190
Fax: +61 (0) 2 9858 1100

Unit 2, 6-8 William St
Norwood SA 5027 Australia
Tel: +61 (0) 8 8332 4477
Fax: +61 (0) 8 8332 4488

Unit 15, 20 Duerdin St
Clayton North VIC 3168 Australia
Tel: +61 (0) 3 9558 6700
Fax: +61 (0) 3 9558 6722

Unit 2, 16 Tacoma Circuit
Canning Vale WA 6155 Australia
Tel: +61 (0) 8 9256 4600
Fax: +61 (0) 8 9256 4699