

Model	OPA 350RLTFPQ-Z-S4
Configuration	Horizontal Supply Air + Economiser
Item No. (Standard / Opposite Hand)	877-035-701 / 877-035-710
Configuration	Downward Supply Air + Economiser
Item No. (Standard / Opposite Hand)	877-035-723 / 877-035-732
Cooling capacity (net) <sup>1</sup>	34.8 kW
Cooling capacity range (gross)	18.0 ~ 45.4 kW
Heating capacity <sup>1</sup>	37.0 kW
Heating capacity range	13.9 ~ 47.0 kW
Electrical input - cooling	11.1 kW
Electrical input - heating	11.5 kW
EER / AEER (cooling) <sup>1</sup>	3.15 / 3.14
COP / ACOP (heating) <sup>1</sup>	3.21 / 3.19
Unit Controller	UC8
Refrigerant	R32
Refrigerant Charge	10.5 kg
Minimum floor area (@2.4m below ceiling diffuser)	58.6 m <sup>2</sup>
Compressor oil type	POE-46 (NXG5020 or equivalent)
Compressor type	inverter scroll
Power supply <sup>2</sup>	3 ph. 400 V ac 50 Hz + N + E
Compressor (3ph.) run amps <sup>1</sup>	14 A/ph
Compressor + VSD circuit breaker	40 A
Indoor fan motor size	EC plug 500 dia. 3.58kW
Nominal air flow at rating conditions	1800 l/s
Indoor fan motor (3ph.) - full load	5.5 A/ph.
Outdoor fan motor (3ph.) - full load	4.6 A/ph.
Outdoor fan max. static pressure @ 3800 l/s	125 Pa
Control circuit breaker (internal)	2 A
Auxiliary power outlet (1ph.) overload setting	10 A
Running amps (total system) <sup>1</sup>	17.5 / 15.5 / 19.5 A
Max. running amps (total system) <sup>4</sup>	35 A/ph.
RCD type recommended	type B, 30mA, 3 pole
Net weight c/w Economiser	649 kg
Shipping weight c/w Economiser	674 kg

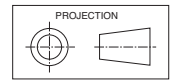
## Accessories:

Filters - rated EU4/G4 disposable	019-400-001 600x300x50 (x1) <sup>3</sup> 019-400-005 600x500x50 (x2)
Filters - rated EU4/G4 washable	019-000-037 600x300x50 (x1) <sup>3</sup> 019-000-034 600x500x50 (x2)
Drain tundish (set of 2)	060-000-653

Refer to temperzone for other options.

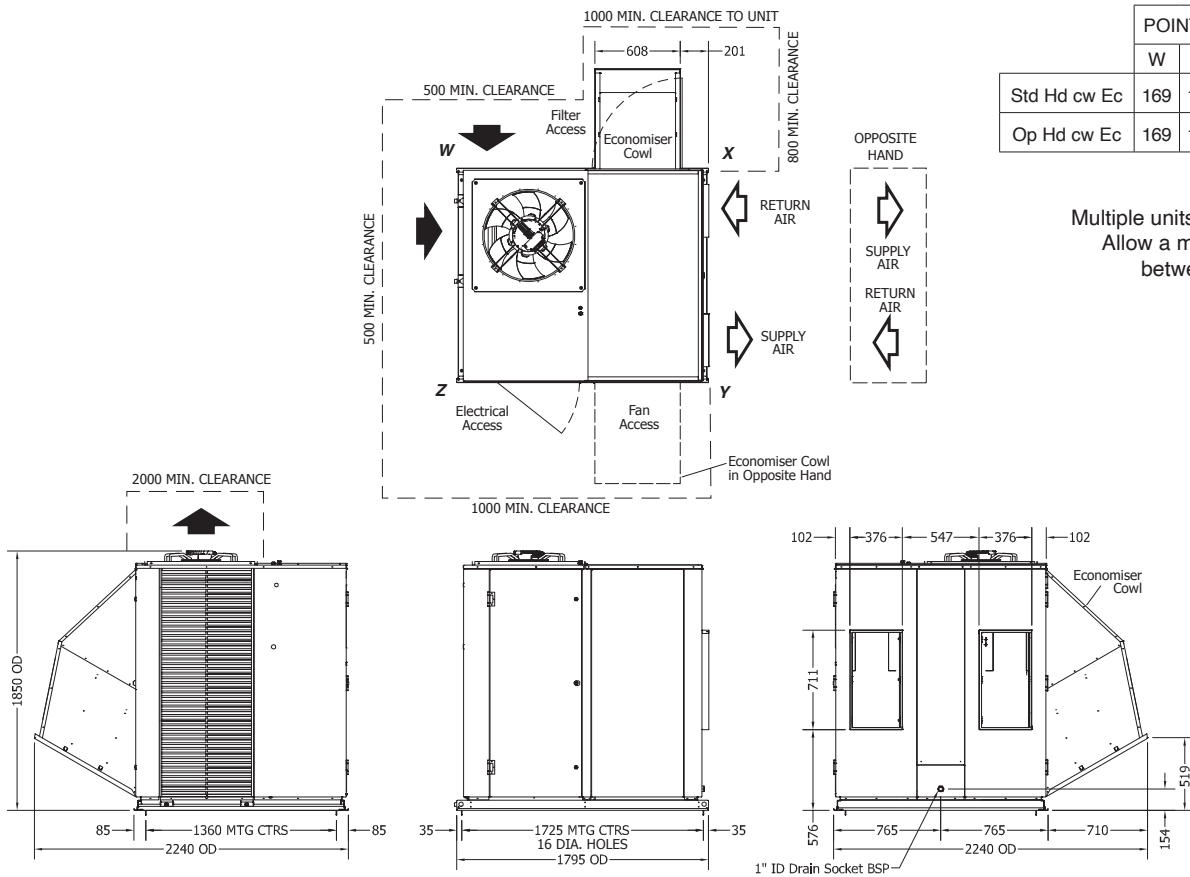
<sup>1</sup> Tested in accordance with AS/NZS 3823<sup>2</sup> Voltage range: 376-440V<sup>3</sup> Filter sizes are nominal; refer to Temperzone for actual measurements.<sup>4</sup> For balanced supply voltage; refer Installation manual 4.1

# DIMENSIONS (mm)



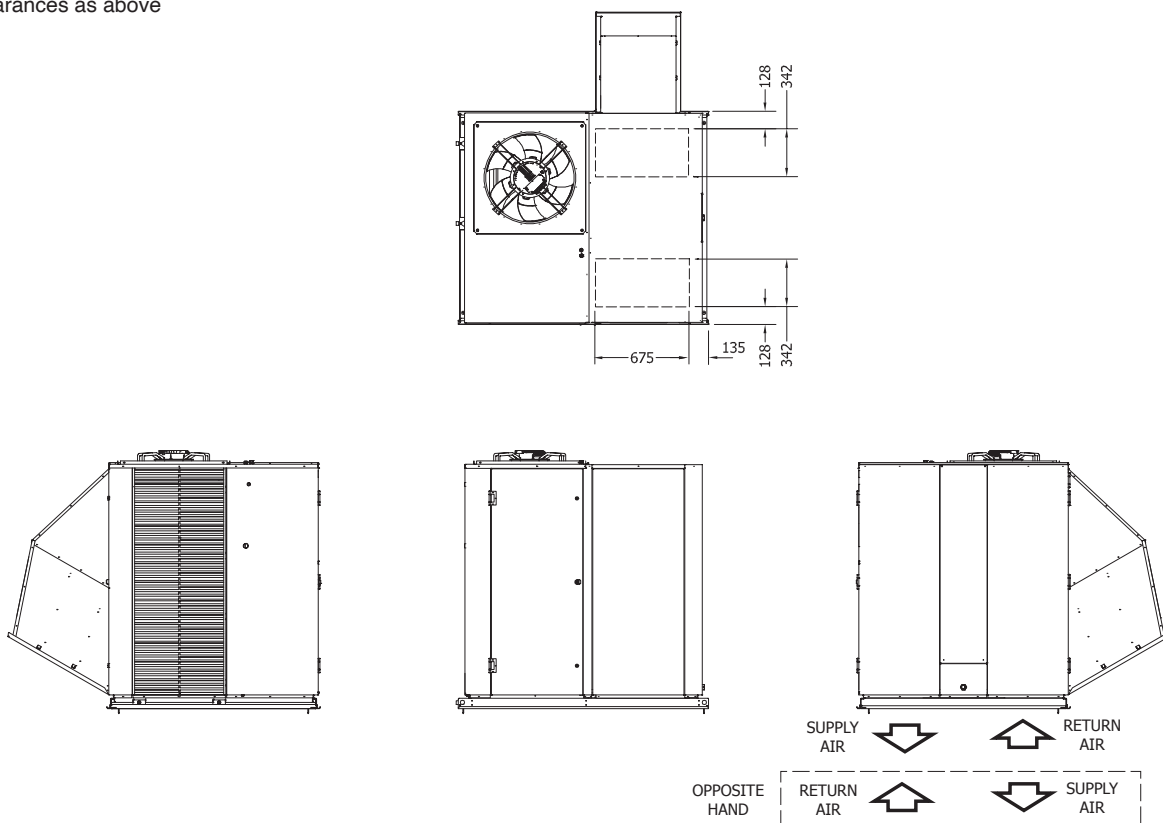
Not to Scale

## OPA 350RLTFP01-Z-S4 Standard Hand, Horizontal Supply



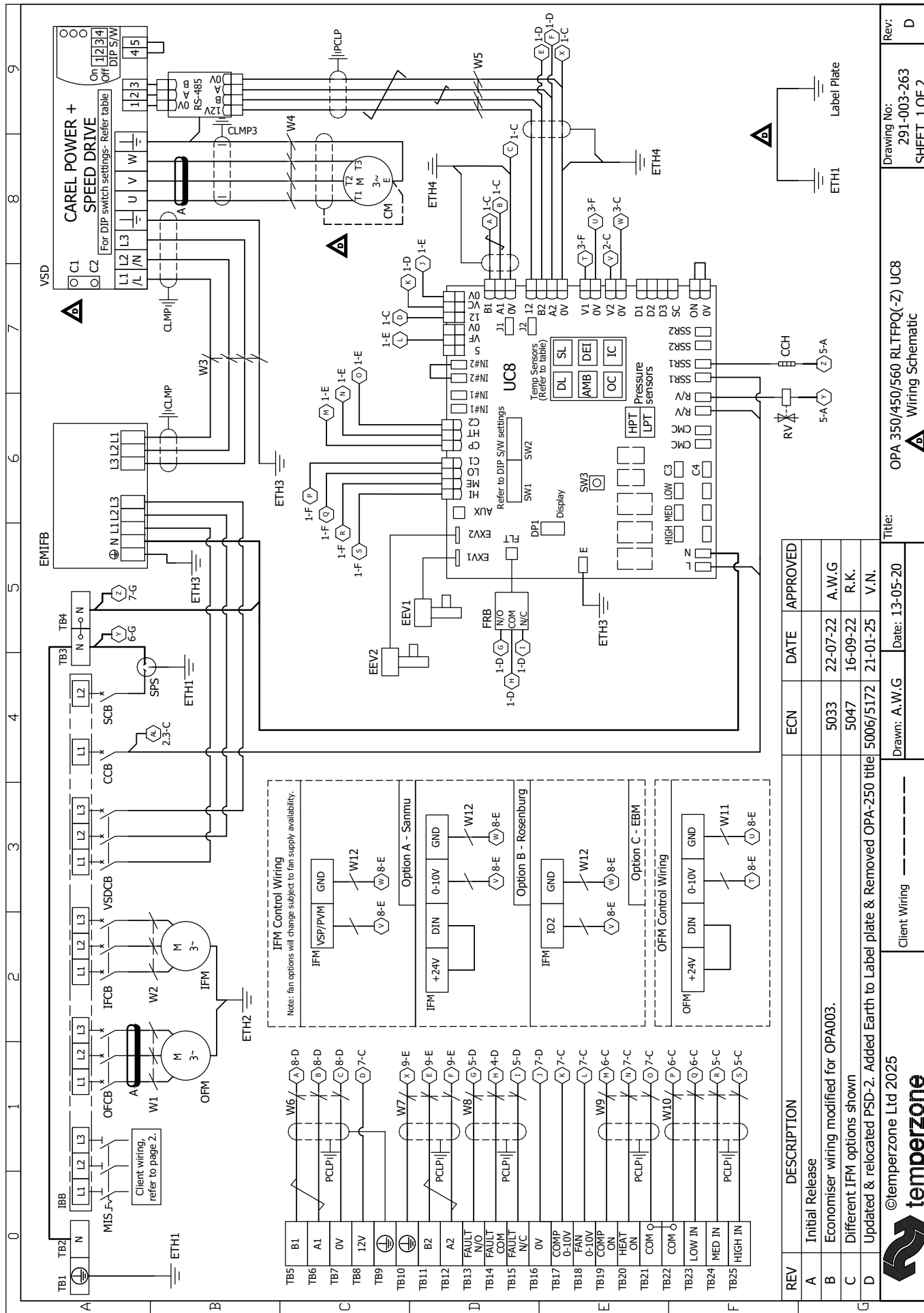
## OPA 350RLTFP23-Z-S4 Standard Hand, Downward Supply

Clearances as above



### NOTE

Specifications are subject to change without notice due to the manufacturer's ongoing research and development programme.



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Client Wiring

Drawn: A.W.G

Title:

OPA 350/450/560 RLTFPQ(-Z) UC8

Wiring Schematic

Drawing No: 291-003-263

Rev: D

SHEET 1 OF 2

	0	1	2	3	4	5	6	7	8	9																									
A	<b>Client Wiring</b> 		<b>Customer BMS Input</b> 		<b>Ferrites</b> <table border="1"> <thead> <tr> <th>Part Number</th> <th>Frequency Type</th> <th>Number of Turns</th> </tr> </thead> <tbody> <tr> <td>A 012-001-074</td> <td>High</td> <td>1</td> </tr> <tr> <td>B 012-001-094</td> <td>Low</td> <td>1</td> </tr> </tbody> </table>		Part Number	Frequency Type	Number of Turns	A 012-001-074	High	1	B 012-001-094	Low	1	<b>24VDCB</b> 24 Volt Circuit Breaker CCB Control Circuit Breaker CCH Crankcase Heater CM Compressor Motor DMF Damper Motor Fresh Air DMR Damper Motor Return Air EEV Electronic Expansion Valve EMIFB EMI Filter Board ETH Earth FRB Fault Relay Board IFCB Indoor Fan Circuit Breaker IFM Indoor Fan Motor IBB Insulated Bus Bar MIS Main Isolator Switch OFCB Outdoor Fan Circuit Breaker OFM Outdoor Fan Motor PCLP P Clip RV Reversing Valve SCB Socket Circuit Breaker SPS Single Phase Socket TB Terminal Block TR Transformer UC8 Unit Controller 8 VSD Variable Speed Drive VSDCB Variable Speed Drive Circuit Breaker W Cable Marker		<b>Important Note!</b> Ferrite 'A' on OD Fan circuit breaker for OPA 450 and 560 only.																	
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