

SPECIFICATIONS



Model	OPA 550RKTBG-P ECO
Configuration	Downward Supply Air
Item No. (Standard / Opposite Hand)	866-055-723 / 866-055-732
Unit c/w Fresh Air Cowl (OPA 550RKTBG-PC)	868-055-723 / 868-055-732
Cooling capacity (net) to AS/NZS 3823 T1	52.9 kW
Heating capacity H1	53.4 kW
Electrical input - cooling	18.1 kW
Electrical input - heating	15.5 kW
EER / AEER (cooling)	2.93 / 2.92
COP / ACOP (heating)	3.35 / 3.34
Unit Controller	UC8 (x2)
Refrigerant	R410A
Refrigerant Charge	9.5 kg/sys.
Compressor oil type	POE 32-3MAF (or equivalent)
Compressor type	digital + fixed scroll
Power supply	3 ph. 400V ac 50Hz
Compressor (3ph.) run amps at rating cond.	14 A/ph. (x2)
Compressor overload setting	17 / 17 A
Compressor circuit breaker	32 A (x2)
Indoor fan motor size	EC plug 560 dia. 3.5kW
Nominal air flow at rating conditions	2800 l/s
Indoor fan motor (3ph.) - full load	6 A/ph.
Outdoor fan motor (1ph.) - full load	4.5 A (x2)
Outdoor fan capacitor size	n/a
Control circuit breaker (internal)	2 A
Auxiliary power outlet (1ph.) overload setting	10 A
Running amps (total system)	29 / 38 / 29 A
Max. running amps (total system)	36 / 46 / 37 A
Net weight	878 kg
Weight c/w Fresh Air Cowl option	913 kg

Accessories:

Filters - rated EU4/G4 disposable	019-400-010 450x600x50 (x2) 019-400-007 600x600x50 (x2)
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Optional Controls:

TZT-100 Room temperature controller	201-000-350
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Refer to temperzone for other options.

Tested in accordance with AS/NZS 3823

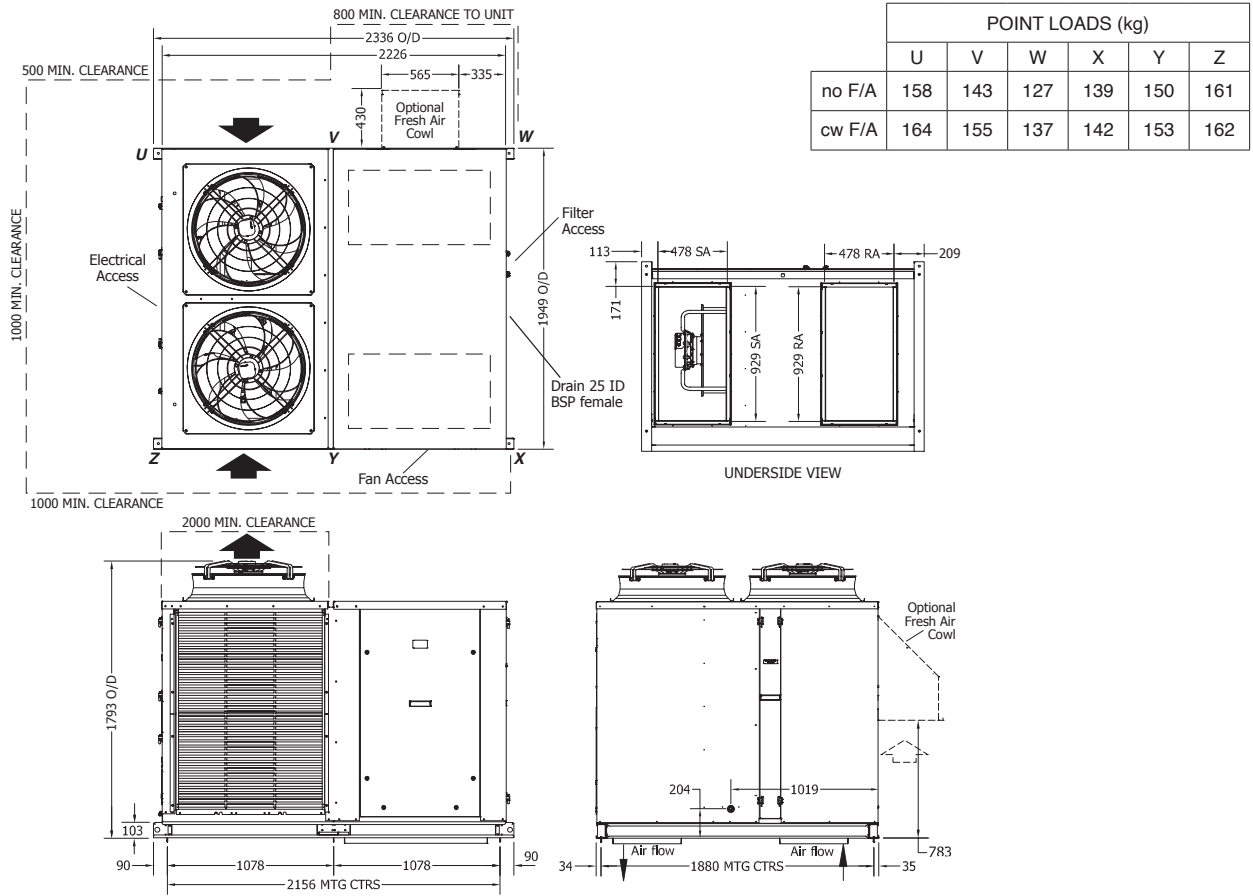
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DIMENSIONS (mm)

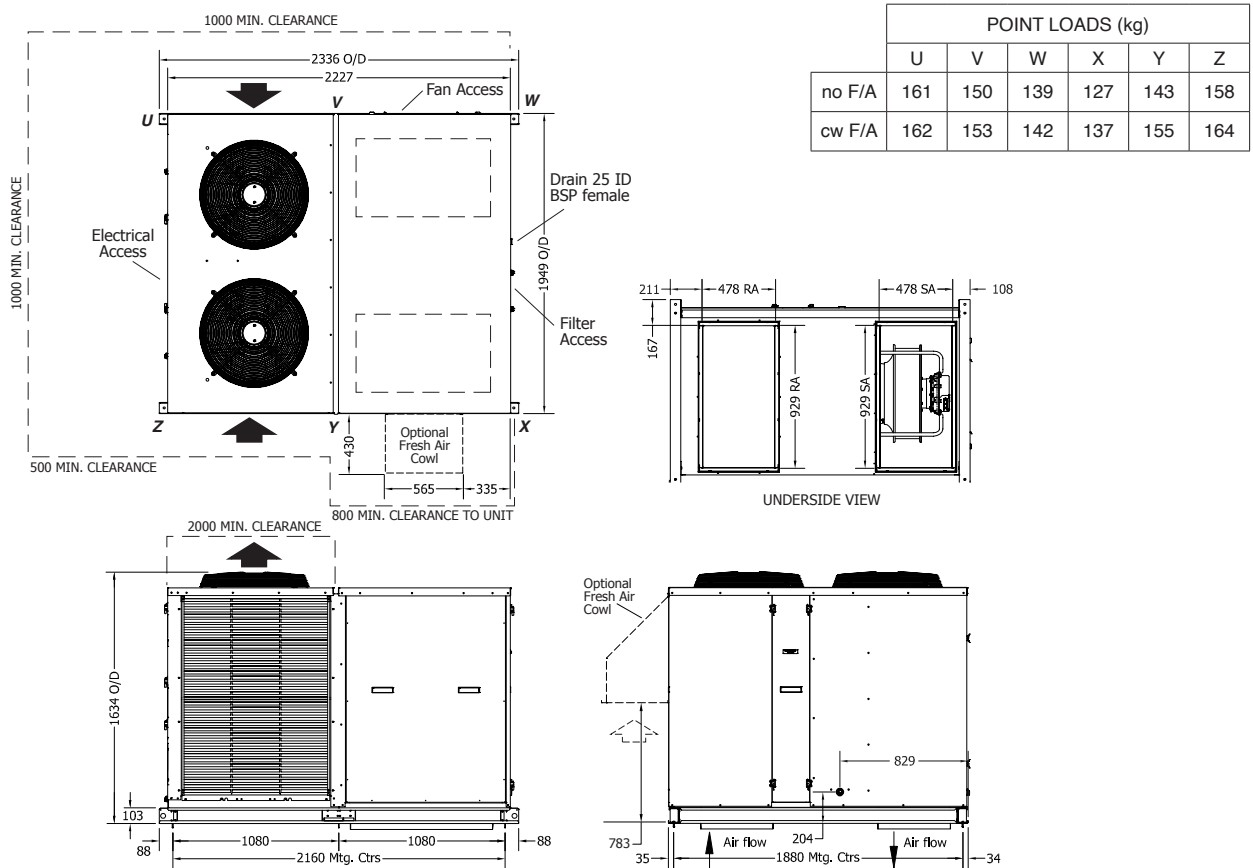


Not to Scale

OPA 550RKTBG23-P(C) Standard Hand



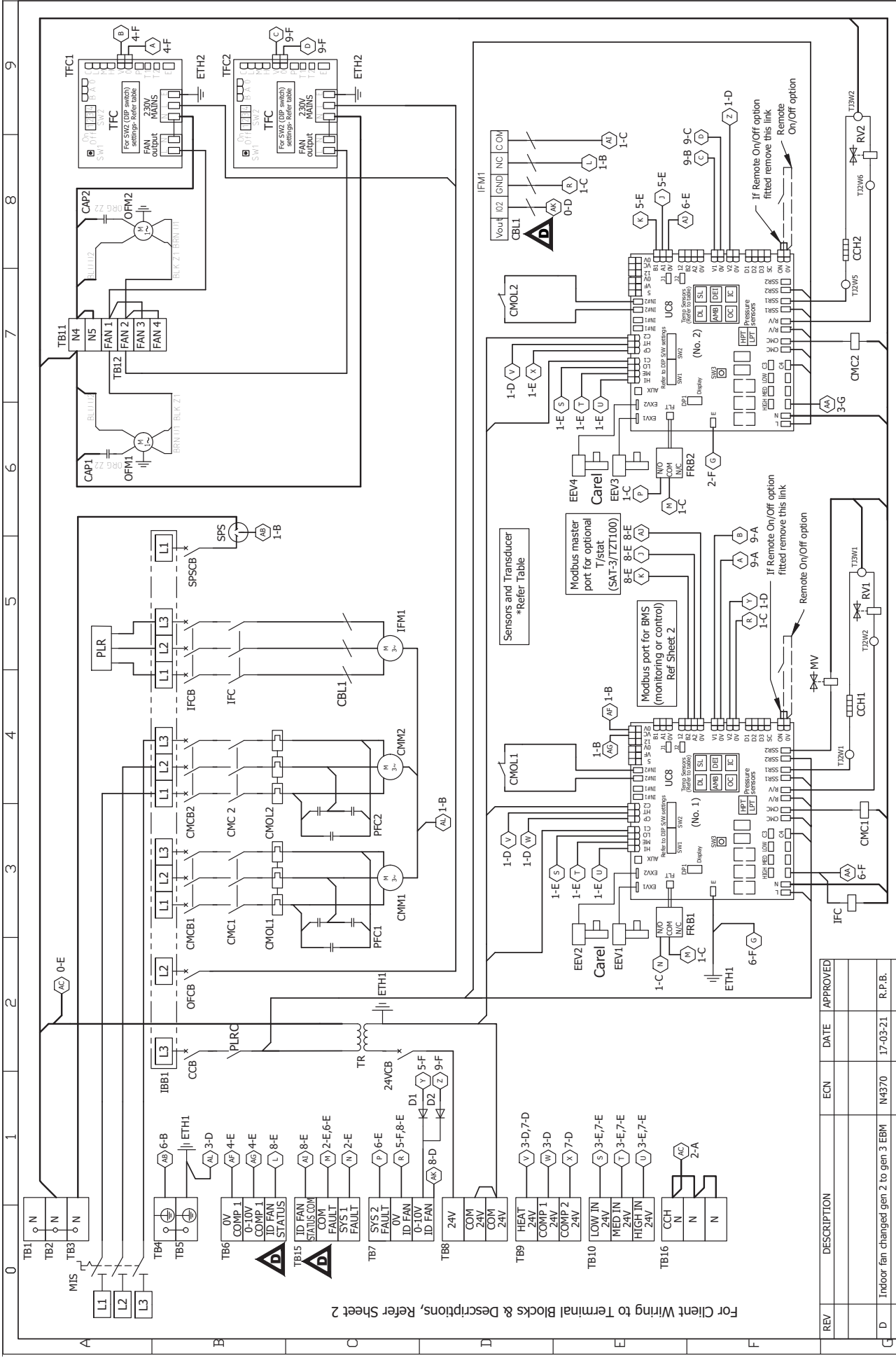
OPA 550RKTBG32-P(C) Opposite Hand



NOTE

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





For Client Wiring to Terminal Blocks & Descriptions, Refer Sheet 2

REV	DESCRIPTION	ECN	DATE	APPROVED
D	Indoor fan changed gen 2. to gen 3 EBM	N4370	17-03-21	R.P.B.

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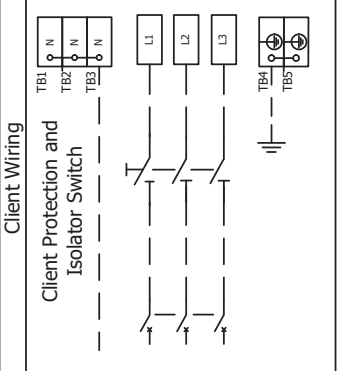
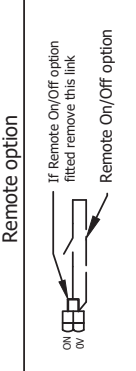
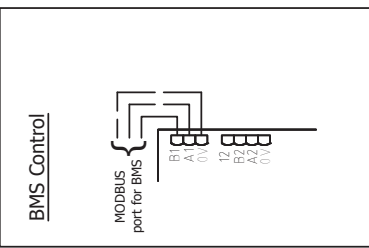

DO NOT SCALE - ASK

Client Wiring

Drawn: E.B.A
 Date: 24-11-16
 Approved: P.Z.
P.Z.

Title: OPA 550RKTBG-P UC8
 Wiring Schematic

Drawing No: 291-002-163
 SHEET 1 OF 2
 Rev: D

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<p>Important Notes:</p> <p>1) Crankcase Heater Note 24 Hour power required for control circuit and crankcase heaters</p> <p>2) SAT-3 & TZT 100 Note To connect TZT100 to unit use 2 pair twisted cable - screen grounded. (F/UTP 24G (0.2mm²) or thicker recommended)</p> <p>3) Master-slave note When the unit is controlled with a TZT-100 or SAT-3 wall thermostat then the two UC8 controllers must be linked and configured as master and slave. Master DIP switch settings: 11 OFF 12 OFF Slave DIP switch settings: 11 ON 12 OFF</p>	<p>Sensors (S) / Transducers (T)</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Colour</th> </tr> </thead> <tbody> <tr> <td>DL</td> <td>Discharge Temp</td> <td>RED</td> </tr> <tr> <td>SL</td> <td>Suction Temp</td> <td>WHITE</td> </tr> <tr> <td>AMB</td> <td>Ambient Temp</td> <td>BLACK</td> </tr> <tr> <td>DEL</td> <td>De-ice Temp</td> <td>BLUE</td> </tr> <tr> <td>LPT</td> <td>Suction Pressure</td> <td></td> </tr> <tr> <td>HPT</td> <td>High Pressure</td> <td></td> </tr> </tbody> </table>	Name	Type	Colour	DL	Discharge Temp	RED	SL	Suction Temp	WHITE	AMB	Ambient Temp	BLACK	DEL	De-ice Temp	BLUE	LPT	Suction Pressure		HPT	High Pressure		<p>Client Protection and Isolator Switch</p>  <p>Remote option</p>  <p>If Remote On/Off option fitted remove this link Remote On/Off option</p>	<p>BMS Control</p> 	<p>SAT-3 & TZT100 connection to UC8 terminals</p> <table border="1" style="width:100%; 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