

## SPECIFICATIONS



<b>Model</b>	<b>OPA 680RLTB1FPQ Econex</b>
Configuration	Horizontal Supply Air
Item No. (Standard / Opposite Hand)	866-068-701 / 866-068-710
Configuration	Downward Supply Air
Item No. (Standard / Opposite Hand)	866-068-723 / 866-068-732
Cooling capacity (net) <sup>1</sup>	65.0 kW
Cooling capacity range (gross)	13.1 ~ 72.4 kW
Heating capacity <sup>1</sup>	63.5 kW
Heating capacity range	11.5 ~ 73.8 kW
Electrical input - cooling	18.1 kW
Electrical input - heating	15.9.8 kW
EER / AEER (cooling) <sup>1</sup>	3.59 / 3.57
COP / ACOP (heating) <sup>1</sup>	3.99 / 3.97
Operating Range (outdoor ambient) - cooling	-10°C ~ 50°C
Operating Range (outdoor ambient) - heating	-10°C ~ 25°C
Controller	UC8 (x2)
Refrigerant	R32
Refrigerant Charge	7.5 kg/sys.
Minimum floor area (@2.4m below ceiling diffuser)	30 m <sup>2</sup>
Compressor oil type	POE-46 (NXG5020 or equivalent)
Compressor type	inverter + fixed scroll
Power supply <sup>2</sup>	3 ph. 400 V ac 50 Hz + N + E
Compressor (3ph.) run amps at rating cond.(inv./fixed)	16 A/ph.(x1) / 11.5 A/ph.(x1)
Compressor + VSD circuit breaker	32 A (x2)
Indoor fan motor size	EC Plug 500 dia. 3.65kW (x2)
Nominal air flow at rating conditions	3 500 l/s
Indoor fan motor (3ph.) - full load	4.8 A/ph. (x2)
Outdoor fan motor (3ph.) - full load	3.5 A/ph. (x2)
Outdoor fan - max. external static available@ 8 400 l/s	100 Pa
Control circuit breaker (internal)	2 A
Single phase socket circuit breaker	10 A
Running amps (total system) <sup>1</sup>	27 / 27 / 33 A
Max. running amps (total system)	42 / 43 / 49 A
RCD type recommended	type B, 30mA, 3 pole
Net weight	1214 kg
Shipping weight	1279 kg

### Accessories:

Filters - rated EU4/G4 disposable	019-400-004 500x500x50 (x9) <sup>3</sup>
Filters - rated EU4/G4 washable (NZ Only)	019-000-033 500x500x50 (x9) <sup>3</sup>
Drain tundish (2 per set; 2 sets required)	060-000-653

Refer to temperzone for other options.

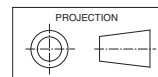
<sup>1</sup> Tested in accordance with AS/NZS 3823

25003

<sup>2</sup> Voltage range: 376–440V

<sup>3</sup> Filter sizes are nominal; refer to Temperzone for actual measurements.

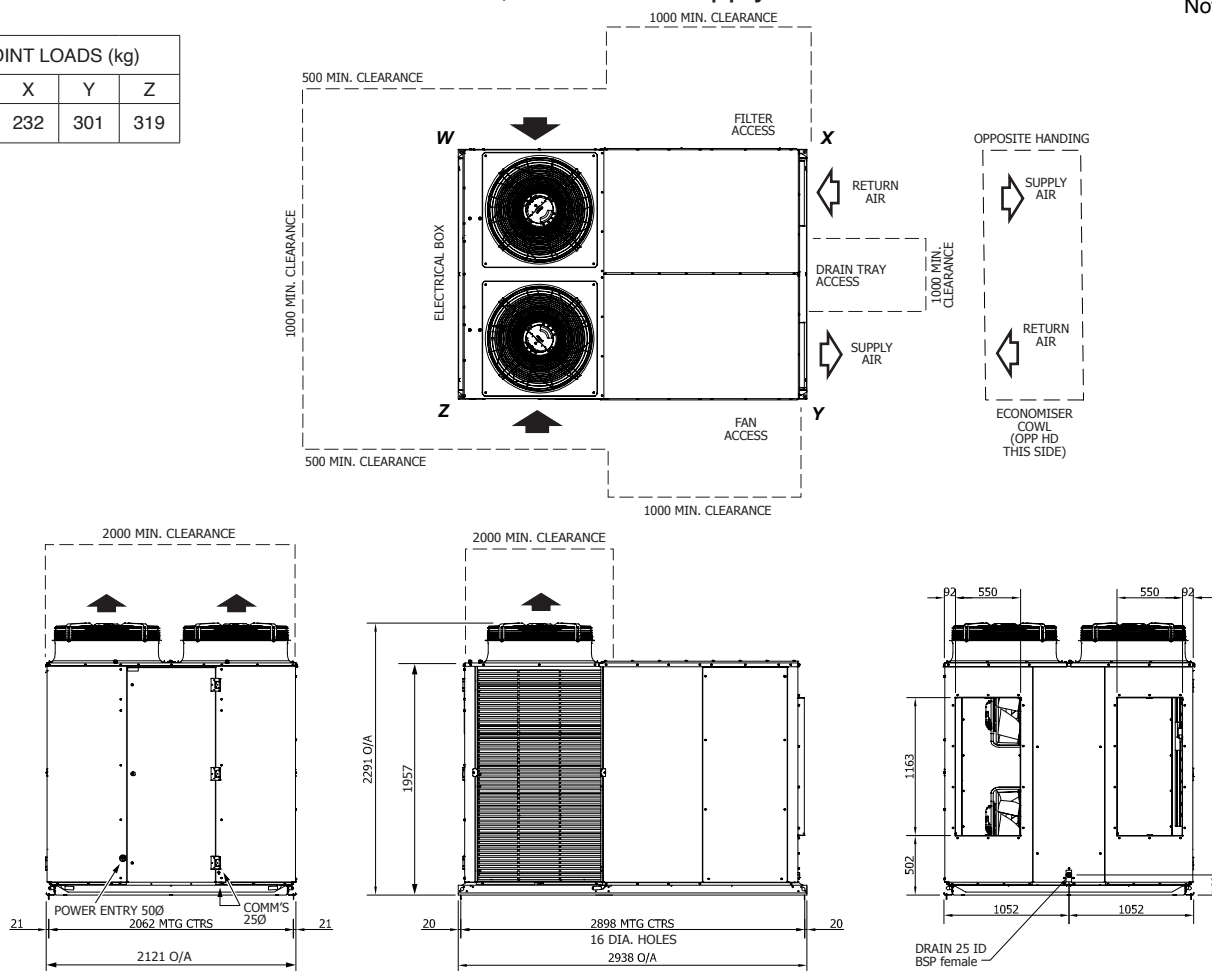
# DIMENSIONS (mm)



## OPA 680RLTB1FPQ01 Standard Hand, Horizontal Supply

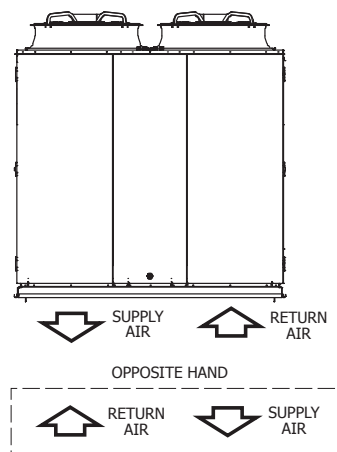
Not to Scale

POINT LOADS (kg)			
W	X	Y	Z
362	232	301	319



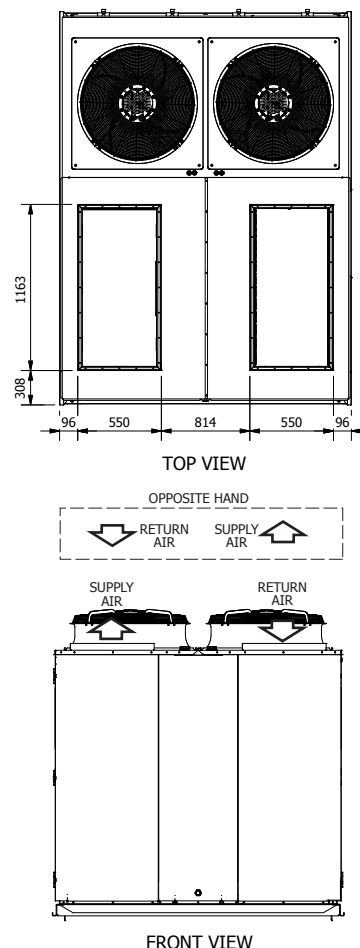
## OPA 680RLTBFPQ23 Standard Hand, Downward Supply

Clearances as above



## OPA 680RLTBFPQ45 Standard Hand, Upward Supply

Clearances as above



### NOTE

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



©temperzone Ltd 2025

©temperzone Ltd 2025

Client Wiring

Drawn: V.N.	Date: 12/06/25
-------------	----------------

OPA 680RLTB1FPQ-(Z)  
Wiring Schematic

Drawing No:  
291-003-571  
SHEET 1 OF 3

Rev: A





