

Model	OPA 171RLTFY(H/V) Econex
Item No. (Horizontal/Vertical Supply Air)	876-017-003 / 876-017-013
Cooling capacity (net) <sup>1</sup>	16.4 kW
Cooling capacity range (gross)	5.3 ~ 20.3 kW
Heating capacity <sup>1</sup>	17.3 kW
Heating capacity range	4.0 ~ 20.7 kW
Electrical input - cooling	4.9 kW
Electrical input - heating	5.1 kW
EER / AEER (cooling) <sup>1</sup>	3.34 / 3.30
COP / ACOP (heating) <sup>1</sup>	3.42 / 3.38
Operating Range (outdoor ambient) - cooling	-10°C ~ 50°C
Operating Range (outdoor ambient) - heating	-10°C ~ 25°C
Unit Controller	UC8
Refrigerant	R32
Refrigerant Charge	4.0 kg
Minimum floor area (@2.4m below ceiling diffuser)	8.5 m <sup>2</sup>
Compressor oil type	4MA-POE (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 at rating cond.	8.5 A/ph.
Indoor fan type (motor/wheel)	EC / forward curved
Indoor fan motor size	500 W (x2)
Nominal air flow at rating conditions <sup>1</sup>	900 l/s
Indoor fan motor (1ph.) - full load	2.5 A (x2)
Outdoor air fan motor (1ph.) - full load	1.5 A
Outdoor air fan capacitor size	8 µfd
Outdoor fan motor – max. ext. static pressure available	25 Pa (@1,800 l/s)
Control circuit breaker (internal)	4 A
Running amps (total system) <sup>1</sup>	9 A/ph.
Max. running amps (total system)	14 A/ph.
RCD type recommended	type B, 30mA, 3 pole
Net weight	247 kg
Shipping weight	280 kg

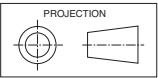
## Optional Controls:

TZT-100 Room temperature controller	201-000-350
SAT-3 Room temperature controller	201-000-146

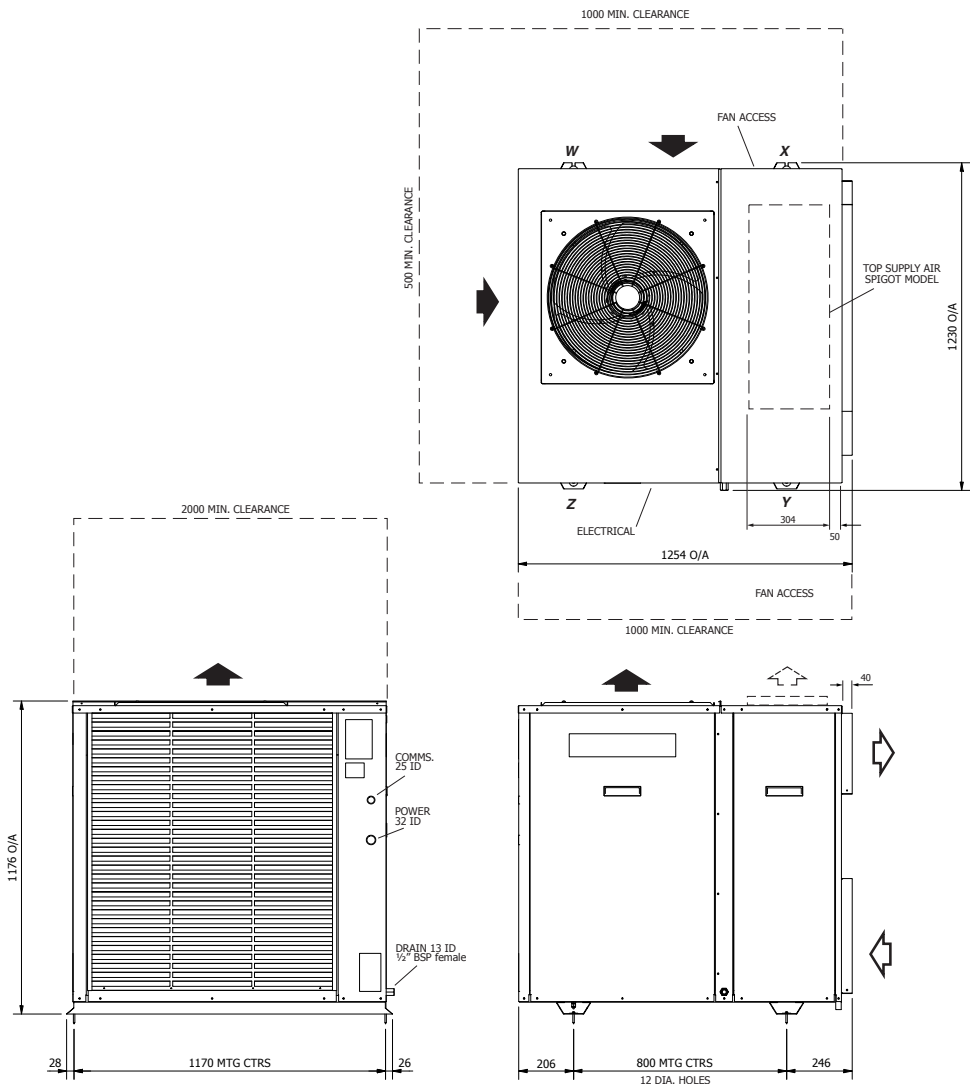
Refer to temperzone for other options.

<sup>1</sup> Tested in accordance with AS/NZS 3823<sup>2</sup> Voltage fluctuation range: 376–440V

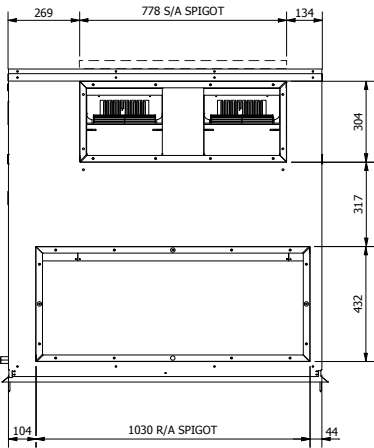
DIMENSIONS (mm)



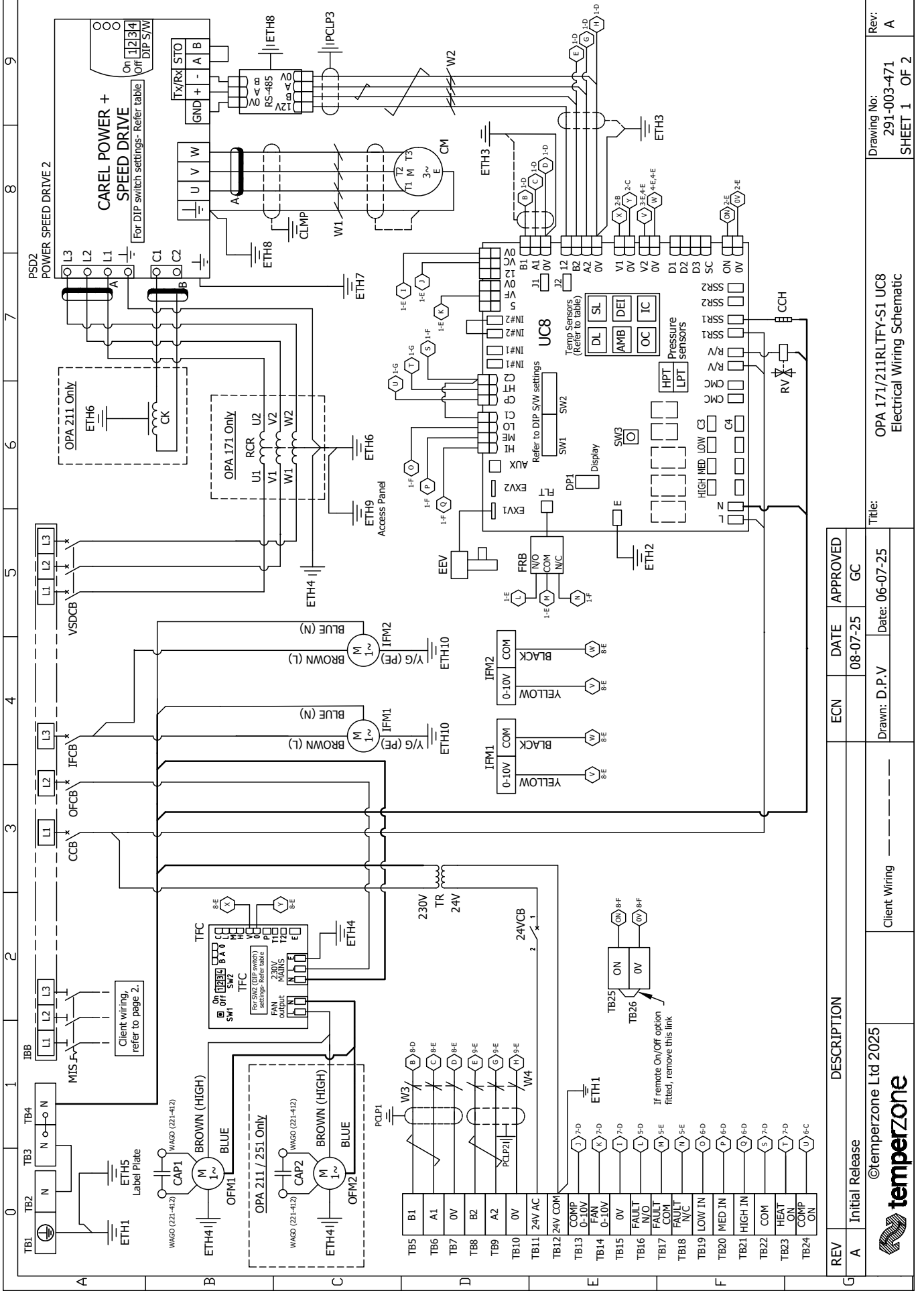
Not to Scale



POINT LOADS (kg)			
W	X	Y	Z
56	58	68	66



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



REV	DESCRIPTION	ECN	DATE	APPROVED
A	Initial Release		08-07-25	GC

©temperzone Ltd 2025



Client Wiring

Drawn: D.P.V

Date: 06-07-25

OPA 171/211RLTFY-S1 UC8  
Electrical Wiring Schematic

Drawing No:  
291-003-471  
SHEET 1 OF 2

Rev: A

