

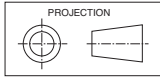
Model	OPA 2110RLTM1FPQ(-Z) Econex
Configuration	Horizontal Supply Air
Item No. (Standard / Opposite Hand)	866-211-701 / 866-211-710
Unit c/w Economiser (Standard / Opposite Hand)	867-211-701 / 867-211-710
Configuration	Downward Supply Air
Item No. (Standard / Opposite Hand)	866-211-723 / 866-211-732
Unit c/w Economiser (Standard / Opposite Hand)	867-211-723 / 867-211-732
Cooling capacity (net) ¹	193.8 kW
Cooling capacity (gross) range	30.8 ~ 208.8 kW
Heating capacity ¹	194.7 kW
Heating capacity (gross) range	14.9 ~ 205.9 kW
Electrical input - cooling	64.5 kW
Electrical input - heating	55.2 kW
EER / AEER (cooling) ¹	3.00 / 2.99
COP / ACOP (heating) ¹	3.53 / 3.51
Operating Range (outdoor ambient) - cooling	-10°C ~ 50°C
Operating Range (outdoor ambient) - heating	-10°C ~ 25°C
Unit Controller	UC8 (x4)
Refrigerant	R32
Refrigerant Charge.(inv./fixed)	9.8 / 9.6 kg/sys.
Minimum floor area (@5m below ceiling diffuser)	11.8 m ² /sys.
Compressor oil type	POE-46 (NXG5020 or equivalent)
Compressor type	inverter (x1) + fixed scroll (x3)
Power supply ²	3 ph. 400V ac 50Hz + N + E
Compressor (3ph.) run amps at rating cond.(inv./fixed)	21 A/ph.(x1) / 22 A/ph.(x3)
Compressor circuit breaker	32 A (x4)
Indoor fan motor size	EC Plug 3.5 kW (x4)
Nominal air flow at rating conditions	11 000 l/s
Indoor fan motor (3ph.) - full load	9.1 A/ph. (x4)
Outdoor fan motor (3ph.) - full load	4.7 A/ph. (x4)
Outdoor fan motor – max. ext. static pressure available	120 Pa (@20,600 l/s)
Control circuit breaker (internal)	4 A
Auxiliary power outlet (1ph.) overload setting	10 A
Running amps (total system)	110 A/ph.
Max. running amps (total system)	161 A/ph.
RCD type recommended	type B, 30 mA, 3 pole
Net weight (excl. cowl)	2 577 kg
Shipping weight (excl. cowl)	2,636 kg
Net weight (c/w Economiser)	2 667 kg

Accessories:

TZT-100 Room temperature controller ⁴	201-000-792
Filters - rated EU4/G4 disposable	019-400-004 500x500x50 (x12) 019-400-005 500x600x50 (x4) ³
Filters - rated EU4/G4 washable (NZ only)	019-000-004 500x500x50 (x12) 019-000-005 500x600x50 (x4) ³

¹ Tested in accordance with AS/NZS 3823² Voltage range: 380 – 440 V³ Filter sizes are nominal; refer to Temperzone for actual measurements.⁴ Not suitable for controlling Economiser dampers (-Z model)

DIMENSIONS (mm)

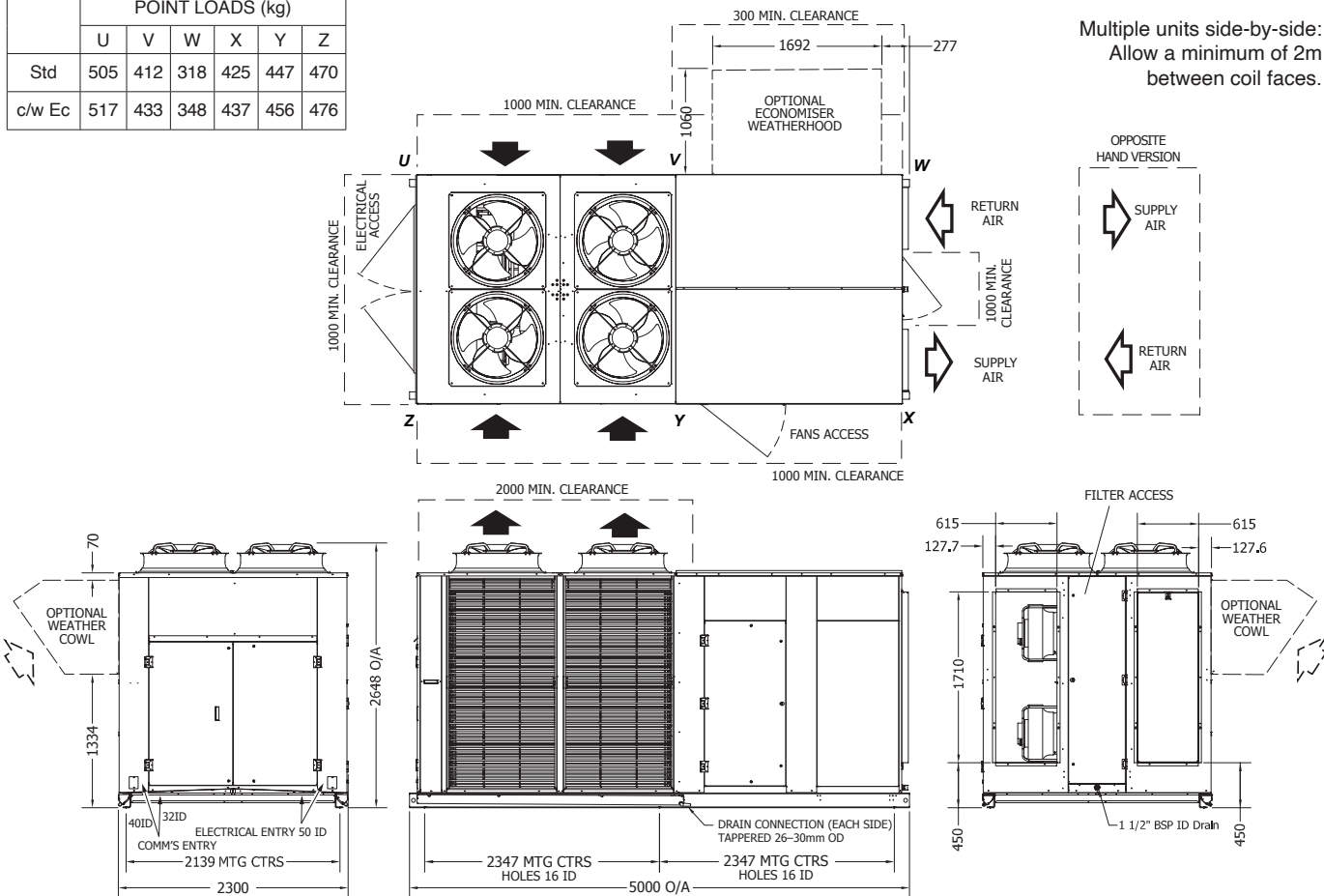


OPA 2110RLTM1FPQ01(-Z) Horizontal Supply, Standard Hand

	POINT LOADS (kg)					
	U	V	W	X	Y	Z
Std	505	412	318	425	447	470
c/w Ec	517	433	348	437	456	476

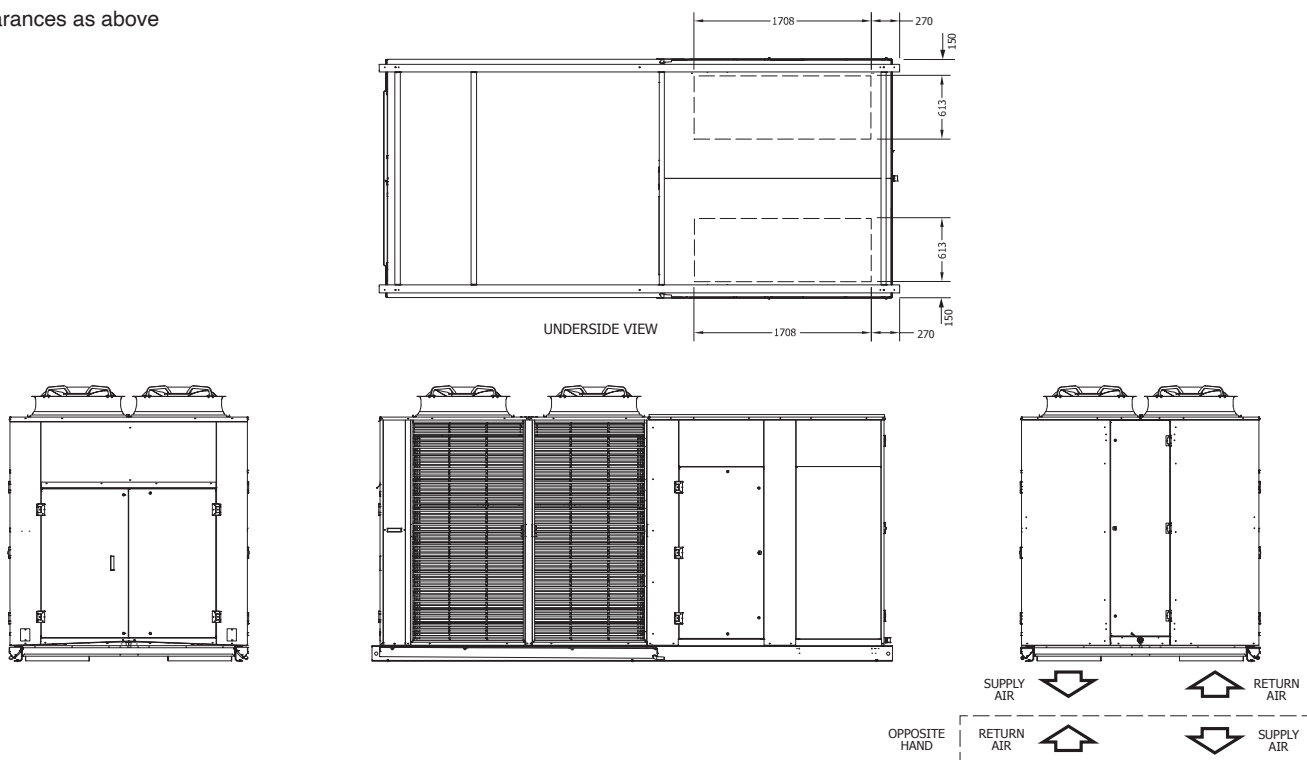
Not to Scale

Multiple units side-by-side:
Allow a minimum of 2m
between coil faces.



OPA 2110RLTM1FPQ23(-Z) Downward Supply, Standard Hand

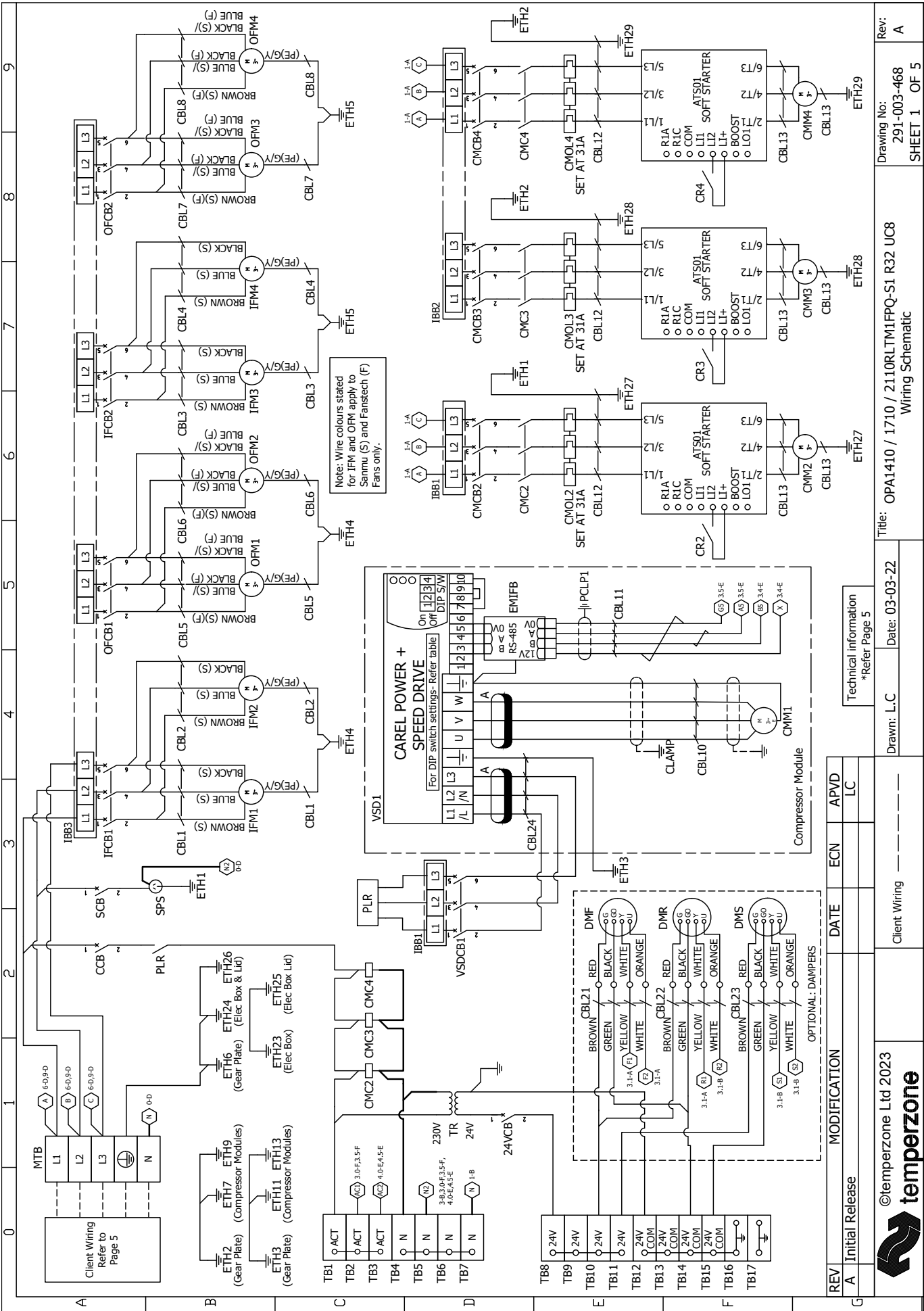
Clearances as above



NOTE

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

WIRING (1)




REV	MODIFICATION	DATE	ECN	APVD	LC
A	Initial Release				

Technical information	Drawing No:	Title:	Drawn:	Date:
*Refer Page 5	291-003-468	OPA1410 / 1710 / 2110RLTM1FPQ-S1 R32 UC8	L.C	03-03-22
Rev: A	SHEET 3 OF 5	Wiring Schematic		

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G	REV	MODIFICATION	DATE	ECN	APVD
	A Initial Release				LC
 ©temperzone Ltd 2023 temperzone			Client Wiring		

