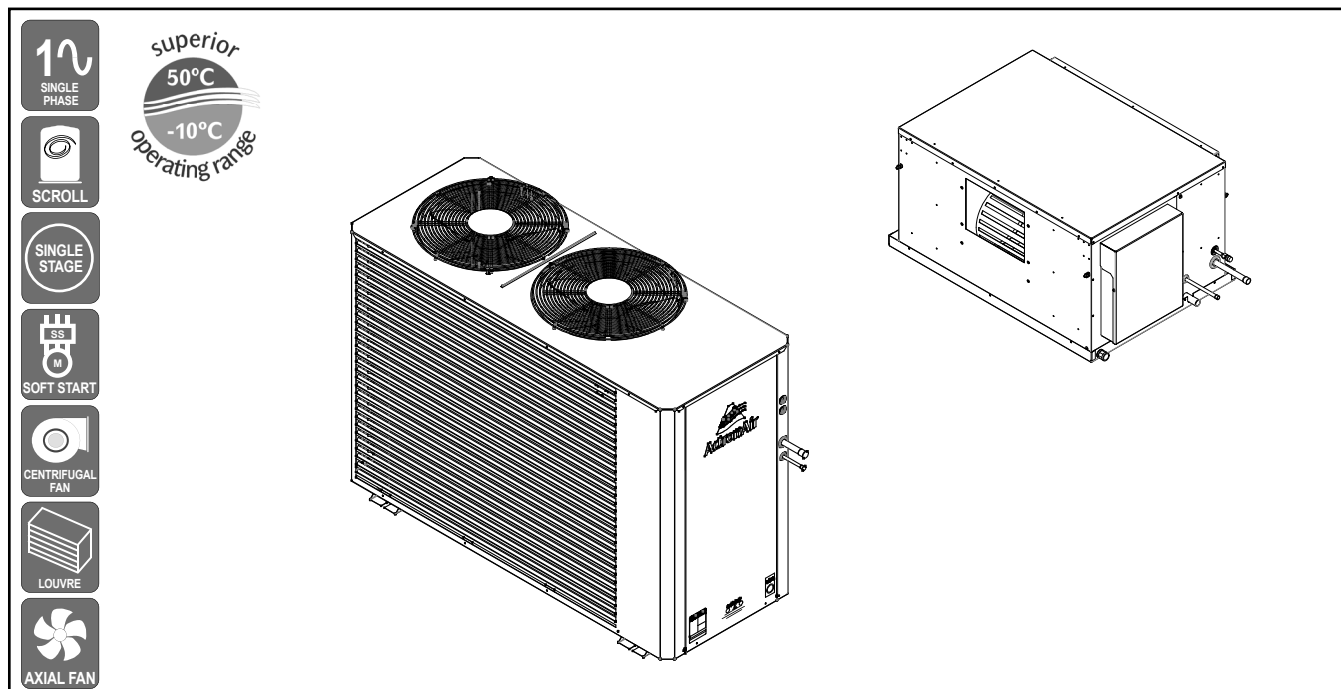


SPLIT DUCTED UNIT



UNIT FEATURES

- Compliant Scroll Compressor
- ECM High Efficiency Indoor Fan Motor
- Two Speed Outdoor Fan
- Adaptive Demand Defrost
- 20 m Cat5E Cable included
- Fault and Run Indication - Relay Output
- Up to 3 Wall Controllers and 3 Remote Temperature Sensors
- Ready for up to 8 zones
- Single Phase Soft Starter
- Hydrophilic Blue Fin Coil Coat Protection - Indoor & Outdoor Coils
- Integral Fan Coil Safety Tray with Drain Kit
- Pre-charged with R-410A Refrigerant
- Powder Coated Outdoor Unit With Louvred Coil Guard

CONTROL OPTIONS AND FEATURES

ActronAir LR7-1/LC7-2

- Available in White or Grey
- 7-day Programmable Controller with 2 Events per Day
- 24-hour ON/OFF Timer
- Temperature Setback
- After Hours Time (LC7-2 Only)
- Auto, Heat & Cool Modes
- Auto/Continuous Indoor Fan Operation
- Optional 2nd and 3rd Controllers with Mimic Logic
- On-Board Temperature Sensor

ActronAir Neo

- 7" Colour Touch Screen Master Controller
- In-built Wi-Fi and Blue-Tooth
- Neo Connect App
- On-Board Temperature, Humidity and Proximity Sensor
- Optional wireless Zone Sensor
- Available in White or Black

ActronAir Group Control

ActronAir BMS ICUNO-MOD (Modbus 485)

3RD PARTY CONTROL OPTIONS

- Manual Inputs (Heat, Cool and Fan Operation)
- Analogue Input (Fan Only)

PLENUMS (Optional)

- Supply Air Plenums are Available

UNIT OPTIONS

- Additional Full Coil Coat Protection
- Outdoor Drain Tray
- Horizontal Discharge Condenser
- Vertical Evaporator

SPECIFICATION SUMMARY

OUTDOOR UNIT MODEL	CRA100S	
INDOOR UNIT MODEL	EVA100S	
	⁽¹⁾ TOTAL	⁽²⁾ NETT
⁽³⁾ COOLING CAPACITY (kW)	10.56	10.16
⁽³⁾ SENSIBLE CAPACITY (kW)	8.89	8.49
⁽⁴⁾ HEATING CAPACITY (kW)	10.12	10.62
⁽⁵⁾ COOLING INPUT POWER (kW)	3.08	
⁽⁵⁾ HEATING INPUT POWER (kW)	2.96	
EER	3.43	3.30
COP	3.42	3.59
⁽⁶⁾ INDOOR AIRFLOW (l/s) - MIN. / NOMINAL / MAX.	425 / 500 / 575	
⁽⁷⁾ OUTDOOR SOUND PRESS. LEVEL @ 3M dB(A) - LOW / HIGH	48.0 / 50.8	
OUTDOOR SOUND POWER LEVEL dB(A) - LOW / HIGH	68.6 / 70.5	
POWER SUPPLY - OUTDOOR	230V / 1Ph / 50 Hz	
POWER SUPPLY - INDOOR	230V / 1Ph / 50 Hz	
⁽²⁾ RATED LOAD AMPS -- OUTDOOR / INDOOR / TOTAL	10.9 / 2.8 / 13.7	
⁽⁸⁾ FULL LOAD AMPS -- OUTDOOR / INDOOR / TOTAL	20.5 / 3.5 / 24.0	
⁽⁹⁾ CIRCUIT BREAKER AND CABLE AMPS	25.0	
APPROXIMATE STARTING AMPS	< 45.0	
WEIGHT (kg) -- INDOOR / OUTDOOR	37 / 121	

⁽¹⁾ Based on unit rating excluding indoor fan (kW).

⁽²⁾ Measured and tested in accordance with AS/NZS 3823.1.2.

⁽³⁾ At 27°C DB / 19°C WB entering air temperatures and 35°C ambient.

⁽⁴⁾ At 20°C DB entering air temperature and 7°C DB / 6°C WB ambient.

⁽⁵⁾ Input power includes indoor fan (kW).

⁽⁶⁾ Max. - Min. airflow application range.

⁽⁷⁾ Sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions.

⁽⁸⁾ Full Load Amps are based on compressor and fan motors' maximum expected current.

⁽⁹⁾ See Specifications sheet for cable size and circuit breaker size details.

Note: Use input power to estimate running cost.

CAPACITY SELECTION DATA

CRA100S / EVA100S

COOLING PERFORMANCE

AIR ENTERING		TOTAL CAPACITY kW	TOTAL SENSIBLE CAPACITY - kW AT DB TEMPERATURE ONTO INDOOR COIL - °C										
OUTDOOR DB - °C	INDOOR WB - °C		20	21	22	23	24	25	26	27	28	29	30
25	16	11.05	6.82	7.46	8.09	8.72	9.34	9.84					
	17	11.05	6.19	6.80	7.45	8.09	8.72	9.33	9.88				
	18	11.27	5.51	6.17	6.79	7.44	8.08	8.70	9.34	9.92	10.44		
	19	11.55	4.83	5.50	6.17	6.78	7.42	8.06	8.69	9.32	9.91	10.46	10.95
	20	11.81	4.12	4.80	5.48	6.15	6.76	7.40	8.03	8.67	9.30	9.91	10.48
	21	12.15		4.10	4.78	5.46	6.12	6.73	7.38	8.01	8.64	9.28	9.89
	22	12.45			4.09	4.75	5.43	6.10	6.75	7.35	7.99	8.63	9.26
30	16	10.66	6.63	7.27	7.90	8.52	9.11	9.56					
	17	10.64	6.00	6.62	7.27	7.90	8.52	9.12	9.67				
	18	10.84	5.33	5.99	6.60	7.25	7.88	8.51	9.13	9.71	10.15		
	19	11.06	4.65	5.32	5.98	6.59	7.24	7.87	8.50	9.11	9.71	10.24	
	20	11.33	3.96	4.63	5.31	5.96	6.58	7.22	7.86	8.48	9.11	9.72	10.27
	21	11.66		3.93	4.61	5.28	5.95	6.56	7.19	7.84	8.48	9.09	9.69
	22	11.95			3.91	4.58	5.26	5.92	6.53	7.17	7.81	8.45	9.07
35	16	10.25	6.42	7.06	7.70	8.30	8.86						
	17	10.25	5.80	6.42	7.06	7.69	8.30	8.89	9.39				
	18	10.38	5.14	5.79	6.40	7.05	7.68	8.29	8.90	9.47			
	19	10.56	4.45	5.12	5.79	6.39	7.04	7.67	8.29	8.89	9.48	8.56	
	20	10.84	3.76	4.44	5.11	5.77	6.38	7.01	7.65	8.27	8.89	9.49	10.03
	21	11.11		3.75	4.42	5.10	5.74	6.37	6.99	7.63	8.25	8.88	9.48
	22	11.38			3.73	4.40	5.06	5.73	6.34	6.97	7.60	8.24	8.86
40	16	9.75	6.18	6.83	7.44	8.04	8.53						
	17	9.76	5.54	6.18	6.82	7.44	8.06	8.60					
	18	9.82	4.91	5.57	6.17	6.82	7.44	8.04	8.63	9.12			
	19	9.98	4.23	4.90	5.61	6.16	6.80	7.44	8.04	8.64	9.19		
	20	10.21	3.55	4.23	4.89	5.54	6.15	6.78	7.41	8.03	8.63	9.21	9.69
	21	10.47		3.53	4.20	4.87	5.52	6.13	6.76	7.40	8.02	8.62	9.22
	22	10.73			3.52	4.19	4.85	5.51	6.11	6.73	7.37	8.00	8.62
45	16	9.21	5.92	6.57	7.18	7.74							
	17	9.22	5.29	5.93	6.56	7.18	7.77	8.25					
	18	9.22	4.67	5.29	5.92	6.55	7.18	7.77	8.32				
	19	9.36	4.00	4.66	5.27	5.91	6.54	7.17	7.77	8.35	8.80		
	20	9.56	3.32	3.98	4.65	5.30	5.90	6.52	7.15	7.77	8.36	8.89	
	21	9.79		3.30	3.97	4.63	5.29	5.88	6.51	7.13	7.77	8.36	8.92
	22	10.07			3.29	3.95	4.62	5.27	5.87	6.50	7.12	7.74	8.34
50	16	8.61	5.65	6.29	6.87	7.36							
	17	8.62	5.02	5.65	6.29	6.88	7.43						
	18	8.62	4.41	5.02	5.64	6.27	6.89	7.46					
	19	8.68	3.74	4.40	5.01	5.64	6.26	6.89	7.47	8.00			
	20	8.85	3.07	3.73	4.39	5.00	5.63	6.25	6.87	7.47	8.03		
	21	9.07		3.05	3.72	4.38	5.02	5.61	6.23	6.86	7.48	8.04	8.55
	22	9.30			3.03	3.70	4.36	5.00	5.60	6.23	6.85	7.46	8.04

HEATING PERFORMANCE

WB TEMP ON OD COIL - °C	HEATING CAPACITY - kW AT DB ENTERING INDOOR - °C									
	16		18		20		22		24	
	TH	IH	TH	IH	TH	IH	TH	IH	TH	IH
-10	6.60	6.20	6.58	6.18	6.55	6.16	6.53	6.14	6.51	6.12
-8	7.01	6.52	6.99	6.50	6.96	6.48	6.93	6.45	6.90	6.42
-6	7.41	6.81	7.38	6.79	7.37	6.78	7.34	6.75	7.31	6.72
-4	7.84	7.01	7.82	6.99	7.78	6.97	7.77	6.96	7.73	6.92
-2	8.30	7.22	8.27	7.19	8.22	7.16	8.19	7.13	8.17	7.11
0	8.81	7.57	8.76	7.54	8.71	7.49	8.67	7.45	8.62	7.42
2	9.27	8.25	9.22	8.20	9.16	8.15	9.11	8.11	9.05	8.06
4	9.73	9.25	9.70	9.21	9.65	9.16	9.58	9.10	9.53	9.05
6	10.24	10.24	10.18	10.18	10.12	10.12	10.06	10.06	10.02	10.02
8	10.80	10.80	10.72	10.72	10.66	10.66	10.58	10.58	10.54	10.54
10	11.37	11.37	11.29	11.29	11.22	11.22	11.16	11.16	11.08	11.08
12	11.97	11.97	11.89	11.89	11.82	11.82	11.74	11.74	11.63	11.63
14	12.63	12.63	12.53	12.53	12.42	12.42	12.32	12.32	12.21	12.21
16	13.28	13.28	13.17	13.17	13.05	13.05	12.95	12.95	12.80	12.80
18	13.95	13.95	13.83	13.83	13.70	13.70	13.56	13.56	13.43	13.43

TH - Total Heating Capacity (kW).
IH - Integrated Heating Capacity (kW)
Includes defrost losses.

AIRFLOW CORRECTION MULTIPLIER

% VARIATION	-15%	-10%	-5%	NOMINAL	+5%	+10%	+15%
INDOOR AIRFLOW (l/s)	425	450	475	500	525	550	575
TOTAL COOLING	0.971	0.982	0.992	1.000	1.008	1.016	1.020
SENSIBLE COOLING	0.913	0.943	0.971	1.000	1.029	1.056	1.081
HEATING FACTOR	0.994	0.996	0.998	1.000	1.002	1.003	1.004

NOTES:

- No allowance has been made for the effect of indoor fan motor.
- Selection tables are based on nominal airflows. Correction factors must be applied for selection away from these conditions.

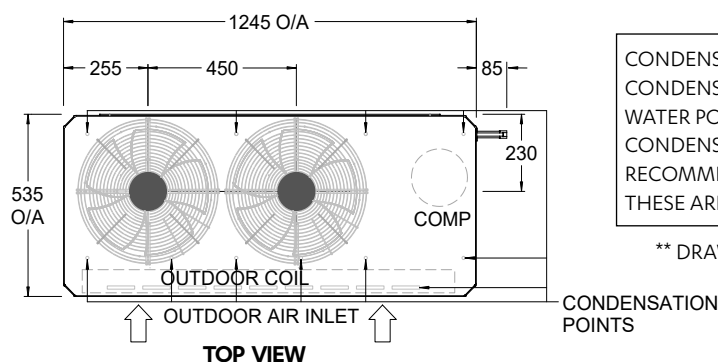
PIPE LENGTH CORRECTION MULTIPLIER

	5 m	10 m	20 m	30 m	40 m	50 m	60 m
COOLING	1.000	0.998	0.990	0.983	0.976	0.968	0.960
HEATING	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Correction multipliers are based on horizontal pipe runs.

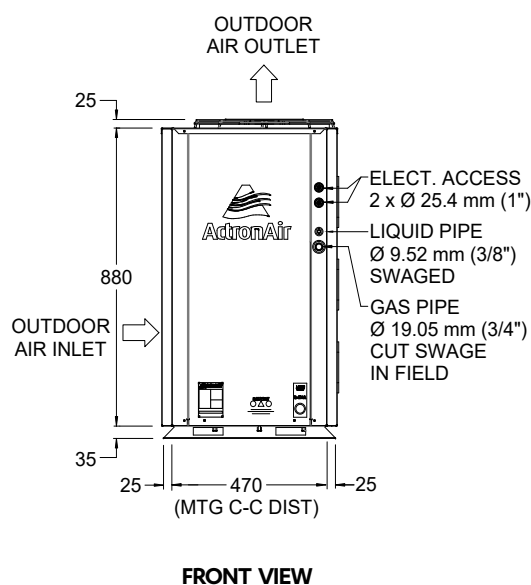
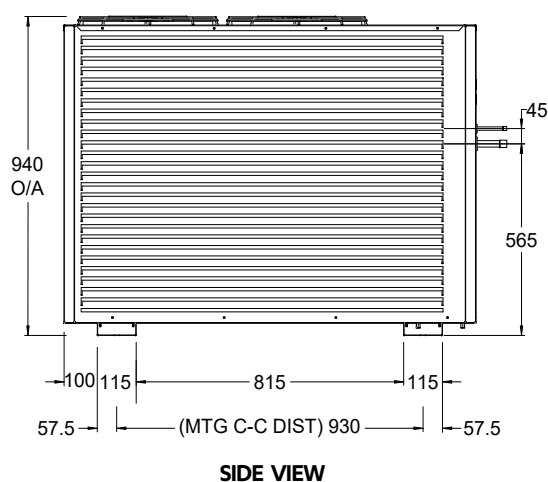


Outdoor Unit Dimensions and Clearances



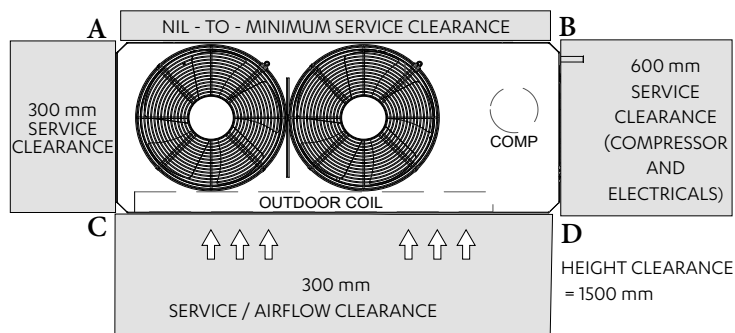
CONDENSATION POINTS ARE DESIGNED TO ENSURE ALL CONDENSATION IS REMOVED EFFICIENTLY TO AVOID WATER POOLING WITHIN THE CONDENSER. IF A SINGLE CONDENSATION DRAIN POINT IS REQUIRED, ACTRONAIR RECOMMENDS THE INSTALLATION OF A CONDENSER TRAY. THESE ARE AVAILABLE AS AN ADDITIONAL ACCESSORY.

**** DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE ****



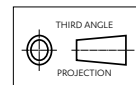
UNIT MODEL NUMBER	UNIT WEIGHT (kg)	CORNER WEIGHTS (kg)			
		A	B	C	D
CRA100S	121	14	45	22	40

Minimum Service Access Areas and Airflow Clearances



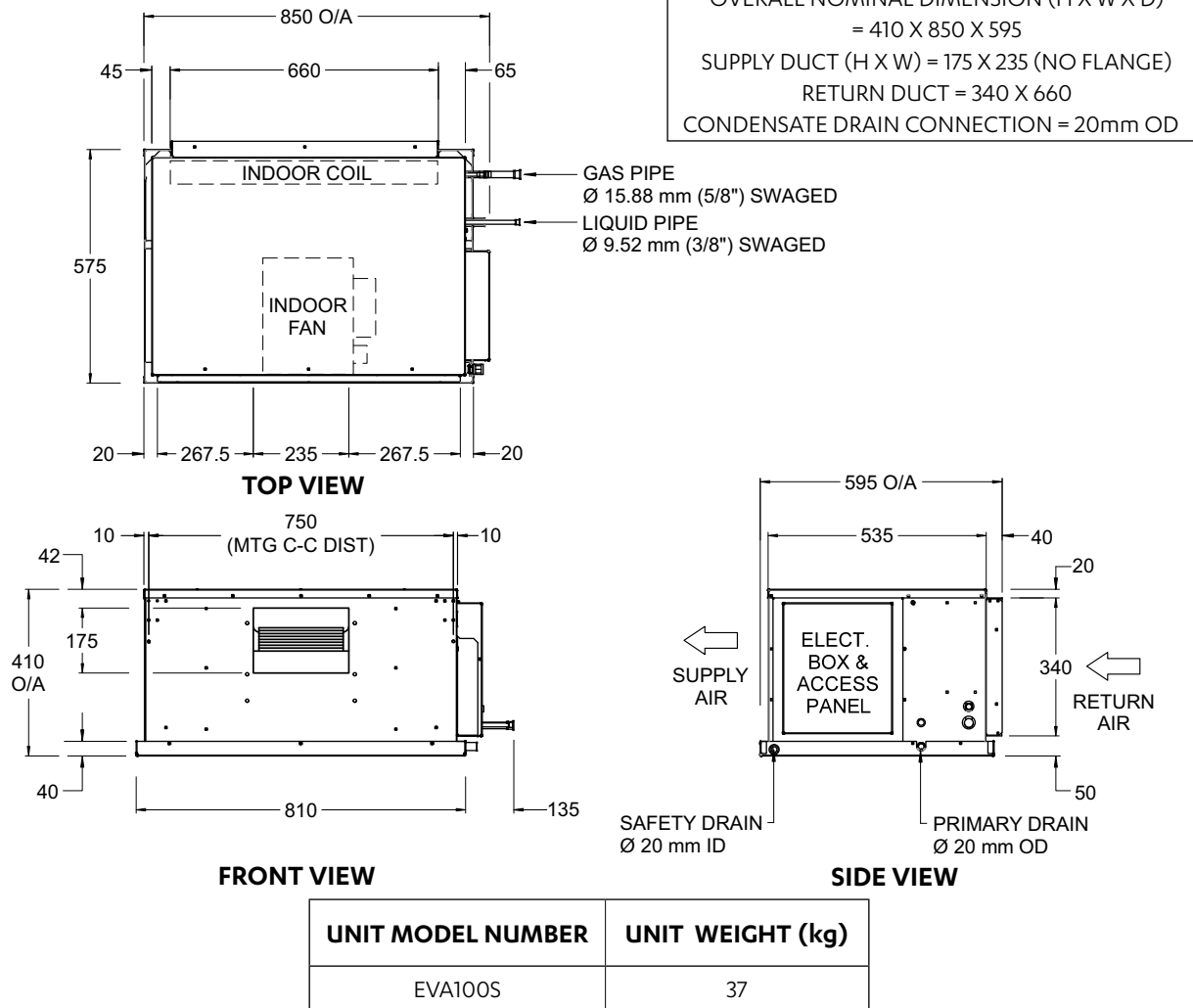
NOTES:

1. Do not scale drawing. All dimensions are in mm unless specified. Refer to corresponding unit dimensional drawing for mounting hole details.
2. Service Access Areas and Spaces for Airflow Clearances given above are suggested minimum based on the condition that the spaces around the units are free from any obstructions and a walkway passage of 1000mm between the units or between the unit and the outside perimeter is available.
3. Minimum service access areas and spaces for airflow clearances are responsibilities of the installer, ActronAir will not be held liable for any extra charges incurred due to lack of access and space for airflow.
4. Under all circumstances, condenser air must not recirculate back onto condenser coil. Keep all clearance free of any obstructions.
5. STACKING OF UNITS: Ensure that minimum airflow and clearances are met.
6. Refer to pipe Connection Details on Specifications Sheet.
7. MTG C-C DIST = Mounting Centre to Centre Distance.
8. Use M12 bolt for feet mounting.

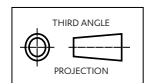
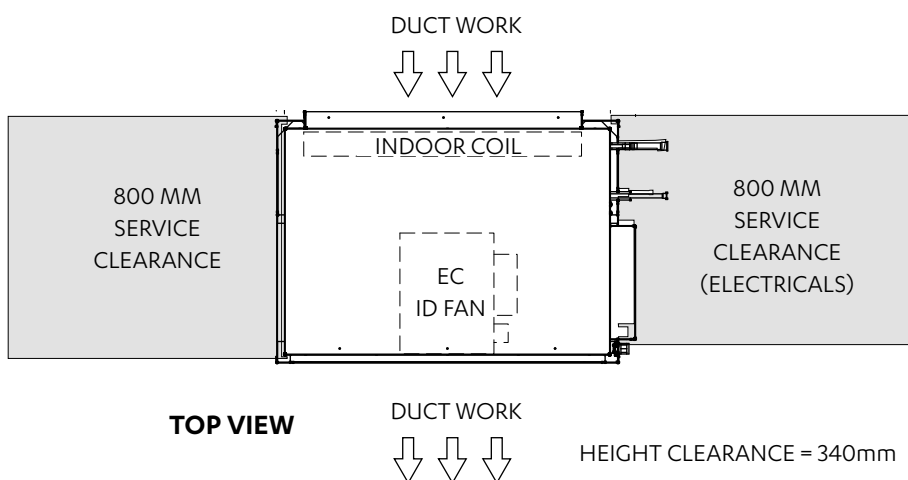


Indoor Unit Dimensions and Clearances

10.56 kW
1 Phase 1 Stage



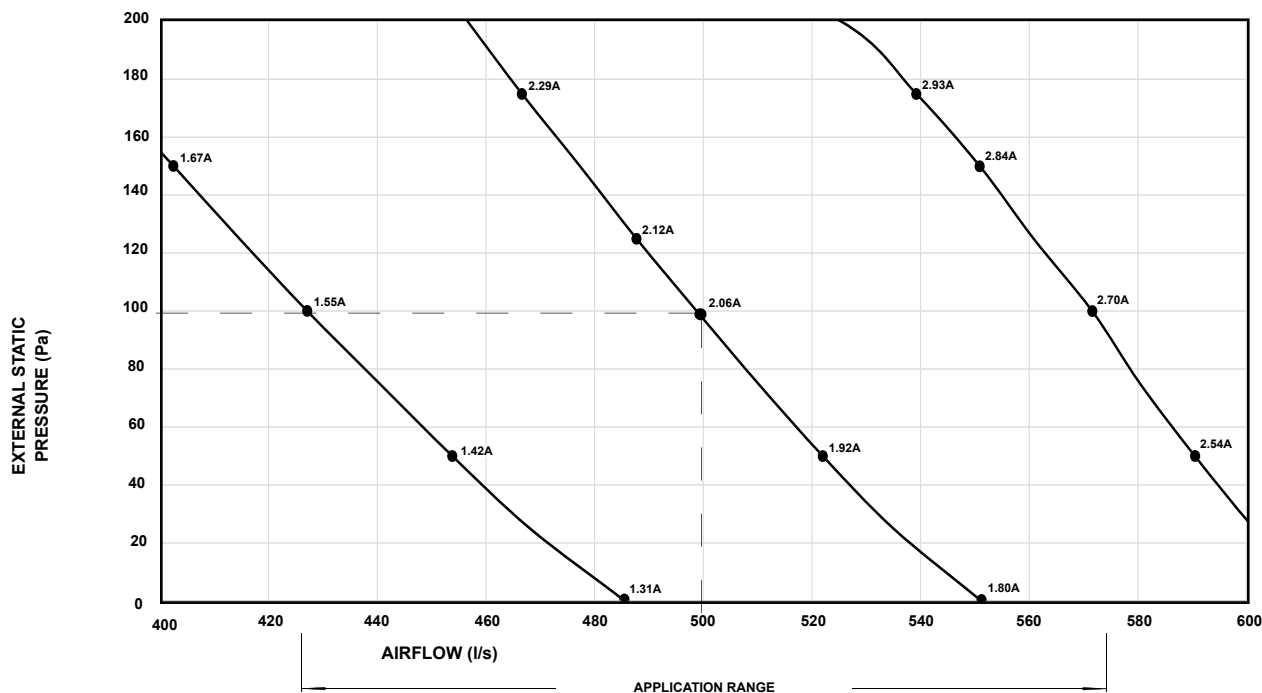
Minimum Service Access Areas and Airflow Clearances



NOTES:

1. Do not scale drawing. All dimensions are in mm unless specified.
2. Service Clearances given are suggested minimum based on the condition that the spaces around the units are free from any obstructions and a walkway passage of 1000mm between the units or between the unit and the outside perimeter is available.
3. Minimum service access clearances are responsibilities of the installer, ActronAir will not be held liable for any extra charges incurred due to lack of access.

Indoor Unit Fan Curve



1 Phase
1 Stage
10.56 kW

Indoor Unit - With 3rd Party Control

AIRFLOW (l/s)	EXTERNAL STATIC PRESSURE (Pa)															
	25		50		75		100		125		150		175		200	
	% PWM	W	% PWM	W	% PWM	W	% PWM	W	% PWM	W	% PWM	W	% PWM	W	% PWM	W
400	MOTOR / BLOWER LIMIT						32	195	34	218	35	229	37	255	39	281
420			31	171	33	192	35	214	36	227	38	252	40	277	42	305
440	31	158	34	189	36	211	38	235	39	247	41	274	43	304	45	333
460	34	176	37	208	39	231	41	256	42	270	44	299	46	327	47	342
480	37	195	40	277	42	253	44	279	45	292	47	324	49	357	50	373
500	41	224	43	249	45	274	47	303	48	318	50	347	52	376	54	405
520	44	245	46	270	48	297	50	325	52	358	53	374	55	407	59	434
540	47	265	49	290	51	319	53	350	55	381	57	410	59	438	70	461
560	51	298	53	327	55	356	57	388	58	404	61	445	64	473	MOTOR / BLOWER LIMIT	
580	54	321	57	365	58	381	60	413	63	451	66	480				

NOTES:

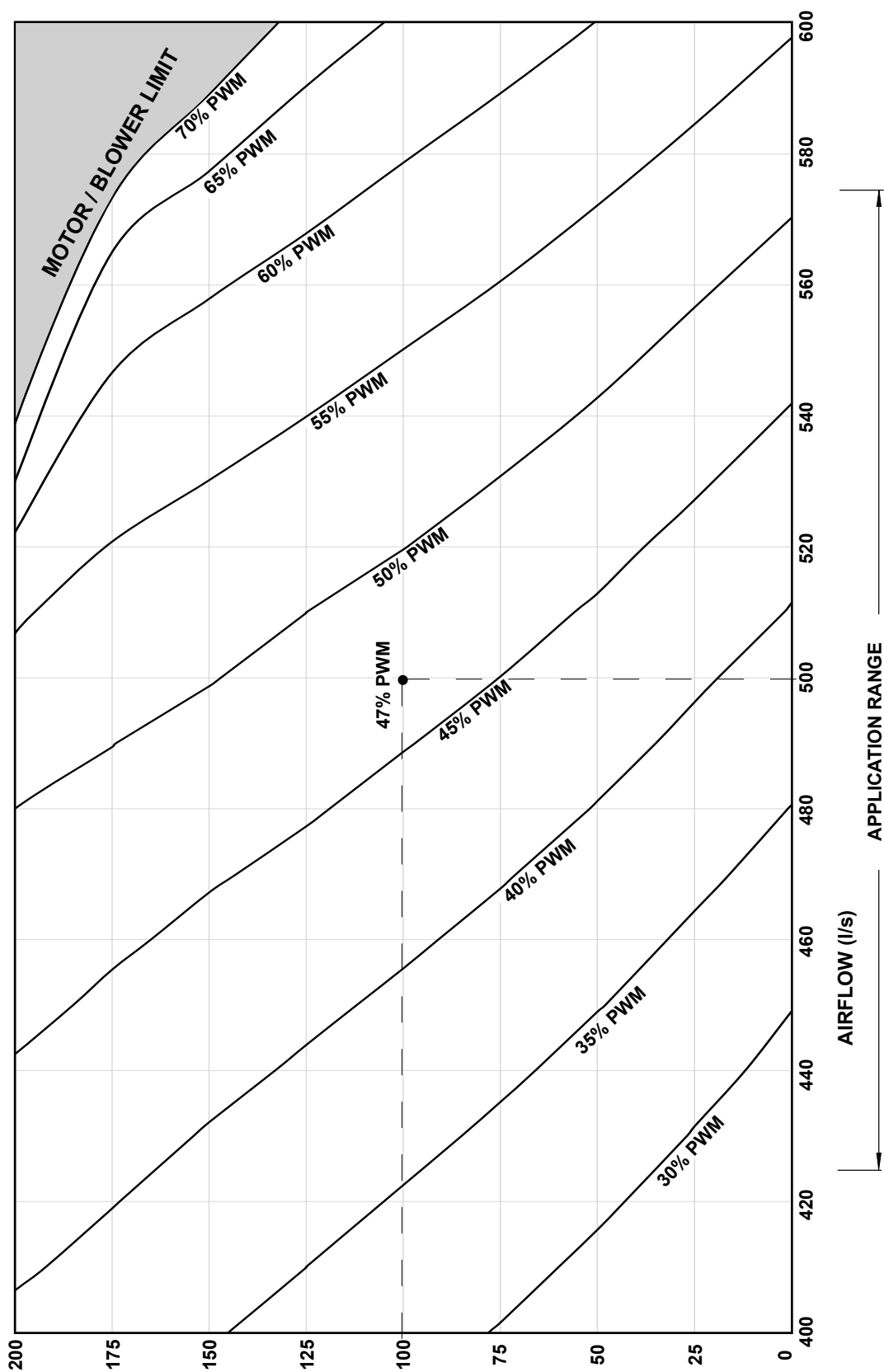
W = Indoor Fan Power, Watts

PWM = Pulse Width Modulation Setting, % PWM

Default PWM Setting = 47% PWM (Medium Speed) at 100 Pa



10.56 kW
1 Phase 1 Stage



Outdoor Radiated

Sound Power
Level (SWL)

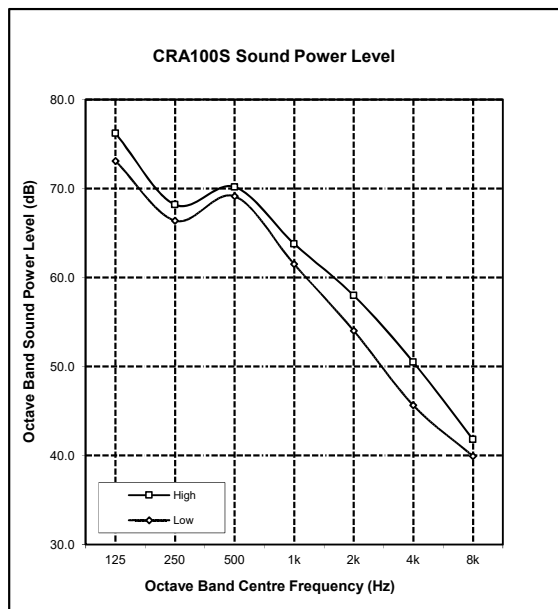
Airflow Settings	Sound Power Level dB(A)	Octave Band Centre Frequency (Hz), dB						
		125	250	500	1k	2k	4k	8k
Low	68.6	73.1	66.4	69.1	61.5	54.0	45.6	39.9
High	70.5	76.2	68.2	70.2	63.8	58.0	50.5	41.8

Indoor Outlet

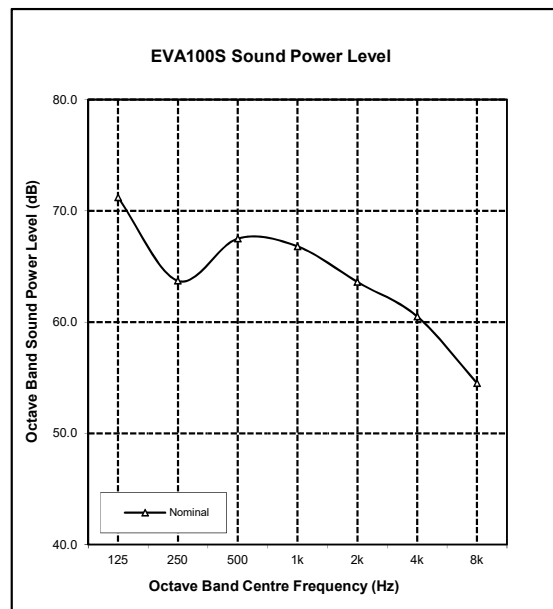
Sound Power
Level (SWL)

Airflow Settings	Nominal Airflow l/s	Sound Power Level dB(A)	Octave Band Centre Frequency (Hz), dB						
			125	250	500	1k	2k	4k	8k
Nominal	500	71.1	71.2	63.7	67.5	66.8	63.6	60.5	54.5

OUTDOOR RADIATED



INDOOR OUTLET



NOTES:

Radiated sound power levels are based on ISO 3743-1.

SPECIFICATIONS

CRA100S / EVA100S

10.56 kW
1 Phase 1 Stage

CONSTRUCTION	
CABINET (Indoor Unit)	0.5 - 0.9 mm Galvanized Steel
CABINET (Outdoor Unit)	0.9 - 1.2 mm Galv. Steel
SURFACE FINISH (Outdoor Unit)	65 μ Baked Polyester Powder Coat

INSULATION (Indoor Unit)	
TYPE	Foil Faced Polyethylene Expanded Polystyrene

ELECTRICAL	
OUTDOOR UNIT	
Power Supply - 50 Hz	230 Volts x 1 Phase + N
Voltage Range (min - max)	216 V - 253 V
Full Load Amps*	20.5
Rated Load Amps**	10.9
Approximate Starting Amps	< 45.0
IP Rating	44

INDOOR UNIT	
Power Supply - 50 Hz	230 Volts x 1 Phase + N
Voltage Range (min - max)	216 V - 253 V
Full Load Amps*	3.5
Rated Load Amps**	2.8
IP Rating	20

OUTDOOR & INDOOR UNIT (TOTAL)	
Full Load Amps* - Phase 1	24.0
Rated Load Amps**	13.7

IMPORTANT - The local electricity authority may require limits on starting current and voltage drop, please check prior to purchase.
* Full Load Amps are based on Compressor and Fan Motor's maximum expected current.
** Rated Load Amps are measured and tested in accordance with AS/NZS3823.1.2.

CABLE SIZE & CIRCUIT BREAKER SIZE	
Suggested minimum cable size should be used as a guide only, refer to AS/NZS 3000 "Australian/New Zealand Wiring Rules" for more details.	
Cable Size (main line)	4.0 mm ² (SUGGESTED MINIMUM)
Cable Size (indoor to outdoor wire)	1.0 mm ² (SUGGESTED MINIMUM)
Circuit Breaker (RCBO if applicable)	25.0

OUTDOOR COIL	
TUBE TYPE	Copper - Rifle Bore
FIN TYPE	Aluminium - Wave
FACE AREA (m ² sq)	0.98
FIN SPACING (per m)	630
COIL COATING	Hydrophilic Blue Fin Coil Coat Protection

OUTDOOR FAN	
NUMBER OF FANS x TYPE	2 x Axial
NUMBER OF BLADES PER FAN	5
DIAMETER (mm)	400
OUTPUT kW (each)	0.12
MOTOR TYPE / DRIVE TYPE	6 Pole External Rotor / Direct Drive
FAN SPEED CONTROL	2 Speed via Capacitor
The standard type outdoor fans fitted to this unit will accept up to 5 Pa of external static resistance.	

INDOOR COIL	
TUBE TYPE	Copper - Rifle Bore
FIN TYPE	Aluminium - Louvre
FACE ARE (m ² sq)	0.245
FIN SPACING (per m)	512
COIL COATING	Hydrophilic Blue Fin Coil Coat Protection

INDOOR FAN	
NUMBER OF FANS x TYPE	1 x Centrifugal EC Fan
DIAMETER / WIDTH (mm)	240 x 180
OUTPUT (kW)	0.37 / 0.40
MOTOR TYPE / DRIVE TYPE	Variable Speed EC Motor / Direct

COMPRESSOR	
NUMBER PER UNIT x TYPE	1 x Scroll (Hermetic)
FULL LOAD AMPS	17.7
LOCKED ROTOR AMPS	98.0
STARTING METHOD	Soft Start

REFRIGERATION SYSTEM	
REFRIGERANT TYPE	R-410A
EXPANSION CONTROL	Direct Expansion Orifice
FACTORY CHARGE (grams)	4175
PRE-CHARGE LENGTH (metres)	10
ADDITIONAL REF. CHARGE (gm/m)	50

FILTER DRIER	
CONNECTION SIZE & TYPE	9.52 mm (3/8") ODF Soldered Bi-Flow
FACTORY SUPPLIED / FITTED	No

INTERCONNECTING PIPE RUN	
MAX. PIPE LENGTH (metres)	60 meters
MAX. VERTICAL LENGTH (metres)	20 (Included in Max. Pipe Length)
FIELD PIPE SIZES	
Liquid Pipe	9.52 mm (3/8")
Gas Pipe	15.88 mm (5/8")

PIPE CONNECTIONS		
Indoor	Liquid Pipe	9.52 mm (3/8") Swaged to fit 9.52 mm (3/8") field pipe
	Gas Pipe	15.88 mm (5/8") Swaged to fit 15.88 mm (5/8") field pipe
Outdoor	Liquid Pipe	9.52 mm (3/8") Swaged to fit 9.52 mm (3/8") field pipe
	Gas Pipe	19.05 mm (3/4") Cut swage end to fit 15.88 mm (5/8") field pipe

CONNECTION TYPE	Solder
Insulate both gas and liquid pipes separately.	

PROTECTION DEVICES	
HIGH PRESSURE CUTOFF SWITCH	Nonadjustable (Automatic Reset)
LOW PRESSURE CUTOFF SWITCH	Nonadjustable (Automatic Reset)
COMPRESSOR MOTOR TEMP.	Internal Thermal Cut-Out
INDOOR FAN OVERLOAD	Internal Thermal Cut-Out
OUTDOOR FAN OVERLOAD	Internal Thermal Cut-Out
SUMP HEATER WATTS *	30 W during Compressor Off Cycle
* Crankcase Heater is to be disconnected for pipe lengths 8 m or less.	

ELECTRIC CONTROLS	
DEFROST METHOD	Reverse Cycle
DEFROST TYPE	Adaptive Demand Defrost
CONTROL CIRCUIT BREAKER	10.0 Amps
CONTROL FIELD WIRING	2 Core 14 / 0.20 Screened Cable
WALL CONTROLLER / SENSOR FIELD WIRING	Cat5e UTP (AWG 24) Data Cable

OPERATING RANGE			
It is essential that the unit is correctly sized for the application and operates within its recommended range of operating conditions as shown below.			
MODE	RANGE	INDOOR AIR INTAKE TEMPERATURE	OUTDOOR AIR INTAKE TEMPERATURE
Cooling	Max.	30°C DB / 22°C WB	50°C DB
	Min.	20°C DB / 16°C WB	15°C DB
Heating	Max.	24°C DB	21°C DB / 16°C WB
	Min.	16°C DB	-10°C DB

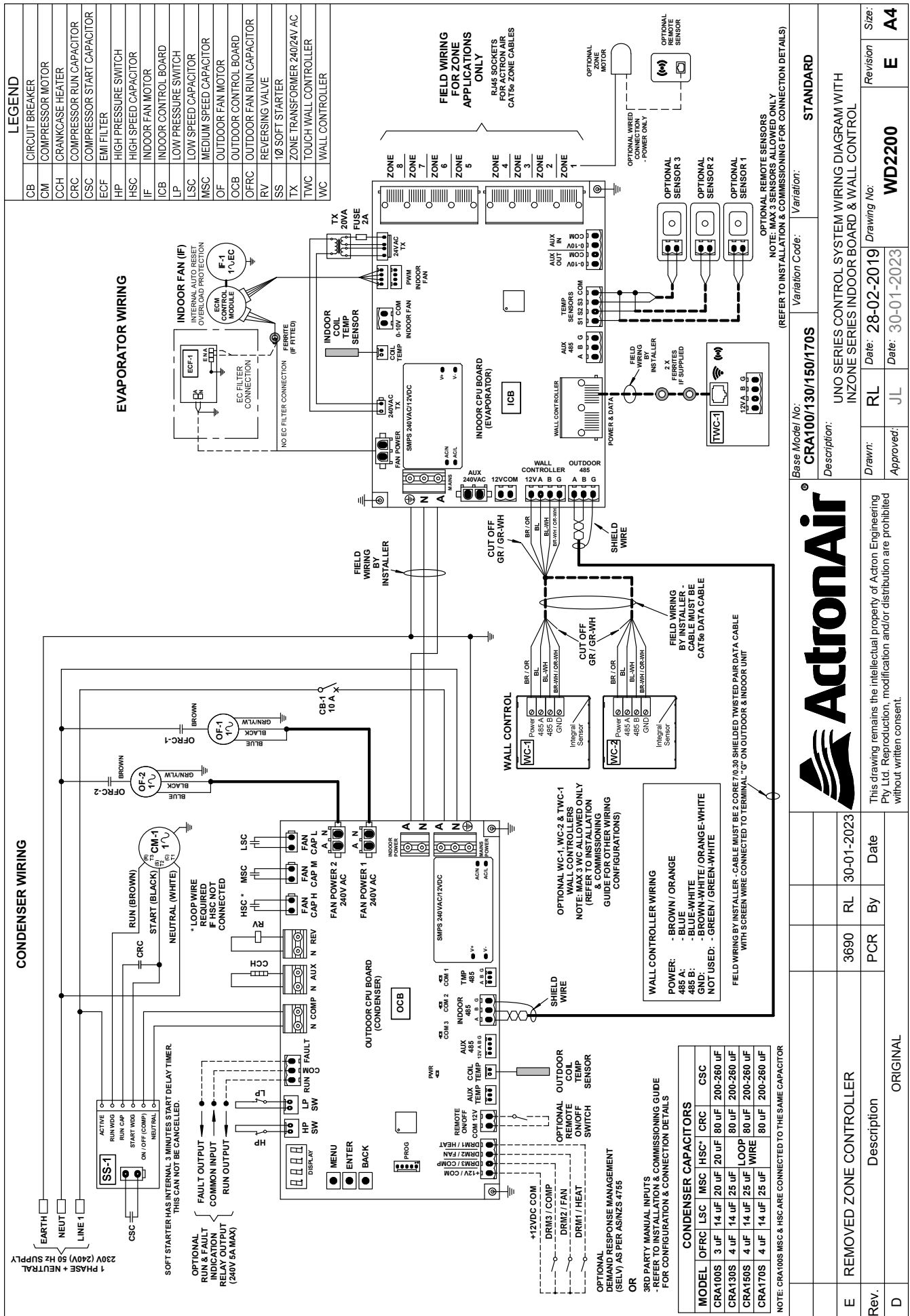
AIR FILTERS
All return air including fresh air must have adequate filters supplied and fitted by the installing contractor. Filters must be located in accessible location between the return air grille and the unit.
ActronAir does not supply or make any provisions for return air filter.

UNIT COMPLIANCE
• AS/NZS 3823.2 (MEPS)
• AS/NZS 4755.3.1:2012 (DRM1, 2 and 3)
• AS/NZS CISPR 14.1 (EMC)
• AS/NZS 60335.2.40 (Safety)



WIRING DIAGRAM

CRA100S / EVA100S



OUTDOOR UNIT VARIATION

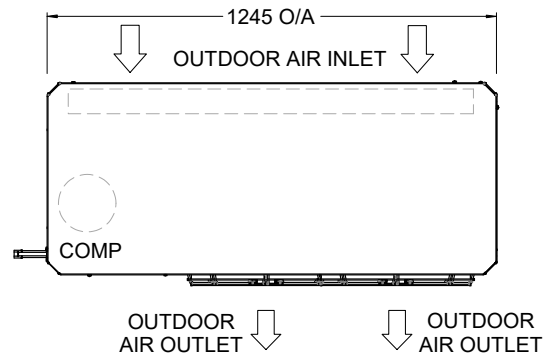
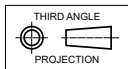
CRA100S-H

OUTDOOR UNIT - HORIZONTAL DISCHARGE FANS

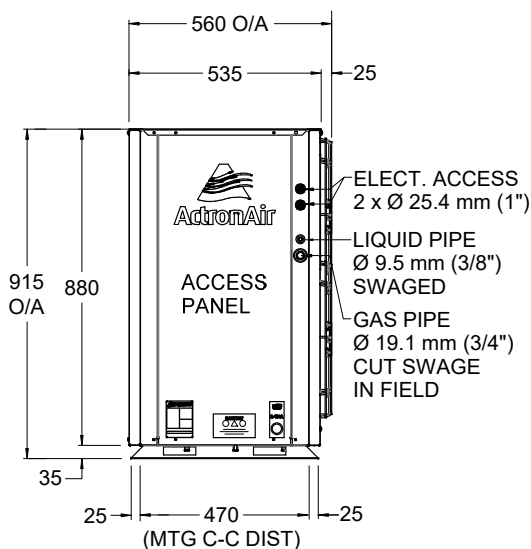
OVERALL NOMINAL DIMENSION (H x W x L)
= 915 x 1245 x 560
USE M12 BOLT FOR FEET MOUNTING

NOTES:

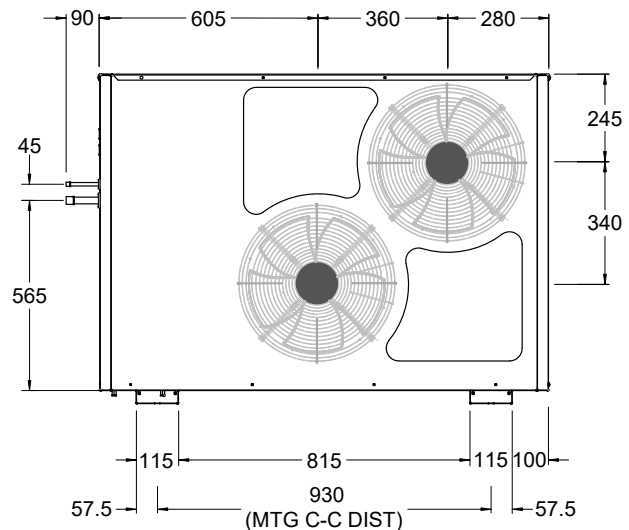
1. All dimensions are in mm unless specified.
2. Do not scale drawing.
3. Additional Full Coil Coat Protection option available on all units.
4. Suggested Service Clearance and Airflow Allowances are based on conditions that the spaces are free from obstructions and walkway passage of 1000 mm is available.
5. Minimum service access areas are responsibilities of the installer.
6. Maximum External Static of Outdoor Fans is 5 Pa.
7. Multiple drainage is as illustrated on the standard outdoor model.



TOP VIEW

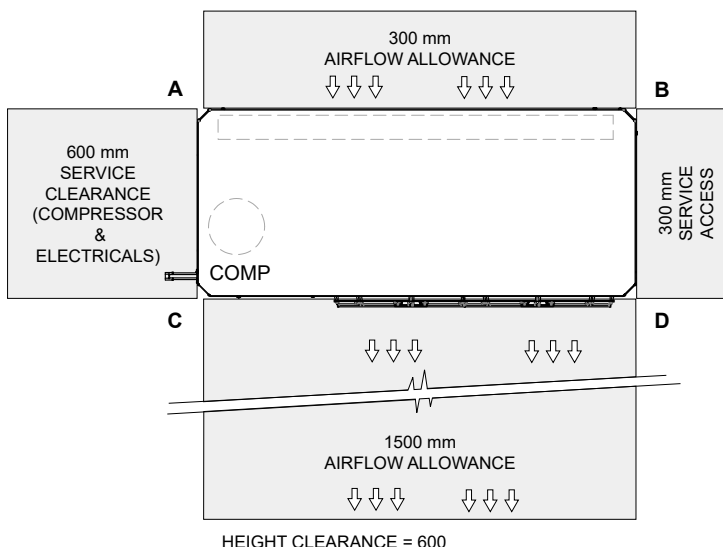


SIDE VIEW



FRONT VIEW

MINIMUM SERVICE ACCESS CLEARANCES & AIRFLOW SPACE ALLOWANCES



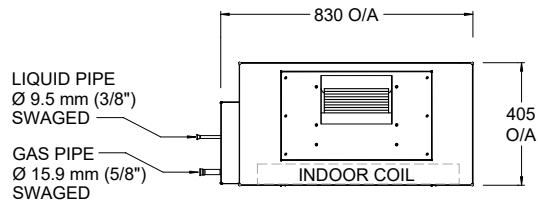
TOP VIEW

PLEASE NOTE THAT UNDER ALL CIRCUMSTANCES, CONDENSER AIR MUST NOT RECIRCULATE BACK ONTO CONDENSER COIL. KEEP ALL CLEARANCES FREE OF ANY OBSTRUCTIONS

STACKING OF UNITS	
ONE IN FRONT OF THE OTHER (DISTANCE BET. A & B)	SIDE BY SIDE (DISTANCE BET. A & C)
600 mm	1500 mm



V INDOOR UNIT - UPRIGHT FAN COIL WITH VERTICAL DISCHARGE

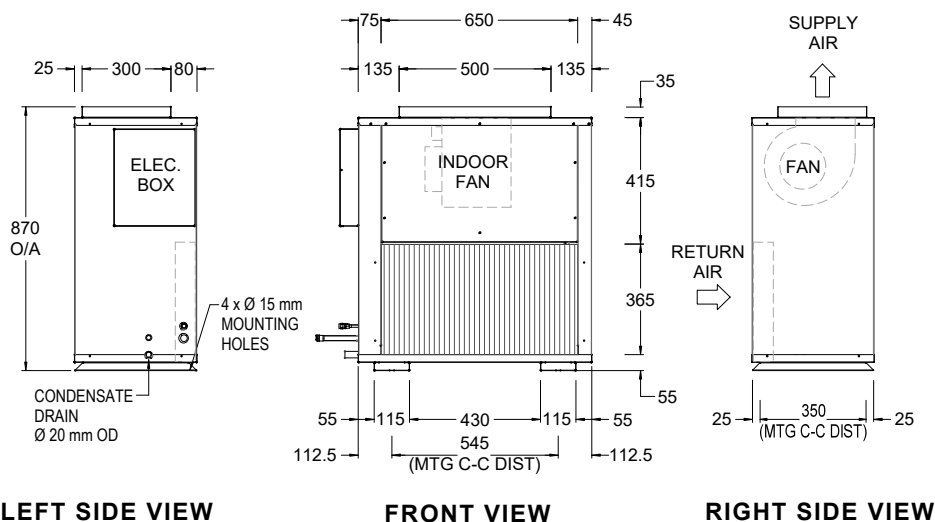
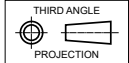


TOP VIEW

OVERALL NOMINAL DIMENSION (H x W x L)
= 870 x 830 x 405
SUPPLY DUCT (H x W) = 300 x 500
RETURN DUCT (H x W) = 365 x 650
USE M12 BOLT FOR FEET MOUNTING

NOTES:

1. All dimensions are in mm unless specified.
2. Do not scale drawing.
3. Refer Fan Curve to corresponding standard EVA100S model.
4. Additional Full Coil Coat Protection option available on all units.
5. Suggested Service Clearance and Airflow Allowances are based on conditions that the spaces are free from obstructions and walkway passage of 1000 mm is available.
6. Minimum service access areas are responsibilities of the installer.

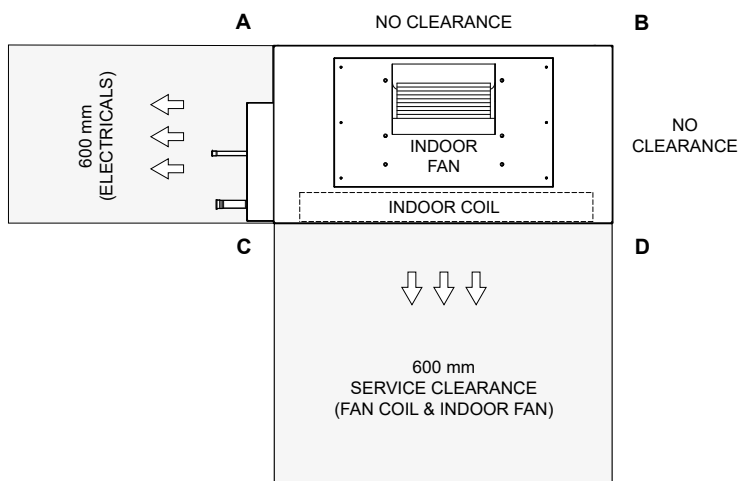


LEFT SIDE VIEW

FRONT VIEW

RIGHT SIDE VIEW

SERVICE ACCESS CLEARANCES & AIRFLOW SPACE ALLOWANCES



STACKING OF UNITS	
ONE IN FRONT OF THE OTHER (DISTANCE BET. A & B)	SIDE BY SIDE (DISTANCE BET. A & C)
600 mm	1000 mm

HEIGHT CLEARANCE = DUCT WORK

TOP VIEW

