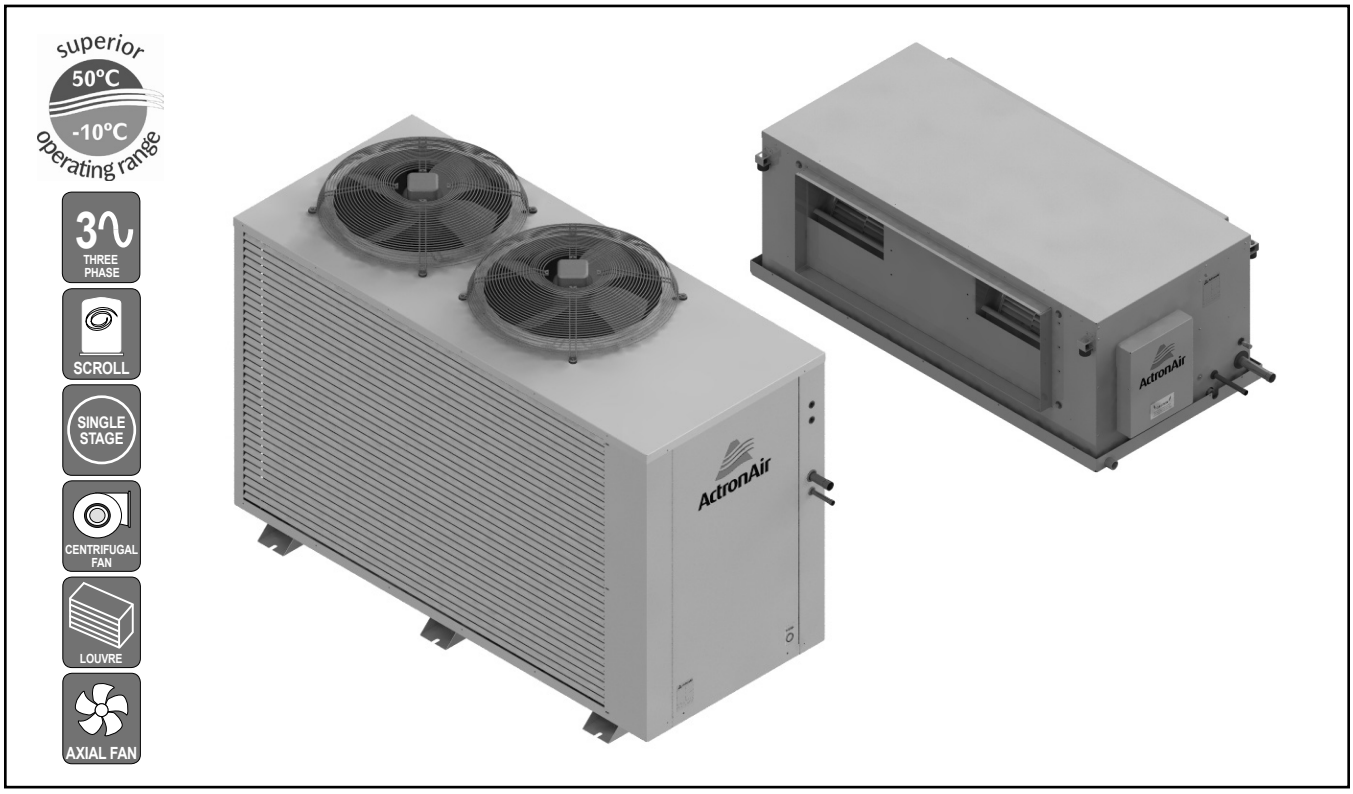
SPLIT DUCTED UNIT



UNIT FEATURES

- Scroll Compressor
- Pre-charged with R410A Refrigerant
- Multiple Speed Outdoor Fans
- Blue Epoxy Coat Coil Fin Protection - Indoor & Outdoor Coils
- Louvred Outdoor Coil Guard
- Adaptive Demand Defrost
- Integral Fan Coil Safety Tray

UNIT OPTIONS

- Low Ambient
- Compressor Soft Starters
- Phase Protection
- Additional Full Coil Coat Protection
- Fault Detection Board

CONTROL OPTIONS

ActronAir C7-4 (**BCA Compliant**)

- 7-Day Programmable Controller with 2 Events/Day
- Temperature Set Back and After Hours Timer
- Zone Kit for Control up to 4 Zones
  (See Control Section)
- Auto, Heat & Cool Modes
- Auto/Continuous Indoor Fan Operation
- 2 Speed Indoor Fan Setting
- Hot Start Feature
- 2 Stage Cooling/Heating with 3rd Stage Boost Heat
- Manual Control Inputs
- Remote Temperature Sensors
- 24-Hour ON/OFF Timer
- Home/Building Automation ON/OFF Capability

UNIT COMPLIANCE

- MEPS 2012 / GEMS 2012
- AS/NZS 4755.3.1 Demand Response Capabilities
- AS/NZS 60335.1 Electrical Appliance Safety
- AS/NZS CISPR 11:2011 (Group 1 ClassA) EMC Compliance

SPECIFICATION SUMMARY

OUTDOOR UNIT MODEL	SCA330C	
INDOOR UNIT MODEL	SCA330E	
	(1) TOTAL	(2) NETT
(3) COOLING CAPACITY (kW)	34.66	33.00
(3) SENSIBLE CAPACITY (kW)	28.55	26.90
(4) HEATING CAPACITY (kW)	32.73	34.50
(5) COOLING INPUT POWER (kW)	10.48	
(5) HEATING INPUT POWER (kW)	10.30	
EER	3.31	3.15
COP	3.18	3.35
(6) INDOOR AIRFLOW (l/s) - MIN. / NOMINAL / MAX.	1462 / 1720 / 1892	
OUTDOOR SOUND PRESS. LEVEL @ 3M dB(A) - LOW / HIGH	57.8 / 61.8	
OUTDOOR SOUND POWER LEVEL dB(A) -- LOW / HIGH	74.8 / 78.8	
POWER SUPPLY - OUTDOOR	400V / 3Ph+N / 50Hz	
POWER SUPPLY - INDOOR	230V / 1 Ph+N / 50 Hz	
(2) RATED LOAD AMPS - OUTDOOR / INDOOR / TOTAL	16.7 / 6.6 / 23.3	
(7) FULL LOAD AMPS - OUTDOOR / INDOOR / TOTAL	22.6 / 7.1 / 29.7	
(8) CIRCUIT BREAKER AND CABLE AMPS	32.0	
APPROXIMATE STARTING AMPS	118.0	
WEIGHT (kg) -- INDOOR / OUTDOOR	125 / 305	

(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) Full Load Amps are based on compressor and fan motors' maximum expected current.
(8) See Specifications sheet for cable size and circuit breaker size details.

Note: Use input power to estimate running cost.

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CAPACITY SELECTION DATA

SCA330C / SCA330E

COOLING PERFORMANCE

AIR ENTERING		TOTAL	TOTAL SENSIBLE CAPACITY - kW										
OUTDOOR	INDOOR	CAPACITY	AT DB TEMPERATURE ONTO INDOOR COIL - ^{0}C										
DB - ^{0}C	WB - ^{0}C	kW	20	21	22	23	24	25	26	27	28	29	30
25	16	35.10	22.76	24.71	26.36	28.23	30.01	31.77	33.28	34.59			
	17	35.90	20.74	22.71	24.69	26.32	28.21	30.06	31.79	33.44	34.83		
	18	36.90	18.71	20.68	22.65	24.61	26.58	28.17	30.00	31.78	33.45	35.07	36.44
	19	37.94	16.62	18.64	20.63	22.59	24.53	26.46	28.06	29.94	31.75	33.49	35.11
	20	38.96	14.54	16.57	18.54	20.56	22.49	24.46	26.37	28.00	29.88	31.69	33.48
	21	40.03		14.44	16.45	18.49	20.45	22.42	24.36	26.32	27.89	29.82	31.66
	22	41.24			14.36	16.35	18.37	20.35	22.34	24.28	26.21	28.17	29.69
30	16	33.91	22.11	24.05	25.69	27.55	29.36	31.04	32.38				
	17	34.54	20.11	22.05	24.01	25.67	27.55	29.37	31.11	32.70			
	18	35.40	18.05	20.03	22.00	23.94	25.59	27.47	29.33	31.10	32.74	34.22	
	19	36.39	16.00	18.00	19.98	21.96	23.89	25.82	27.41	29.28	31.09	32.81	34.37
	20	37.39	13.91	15.92	17.92	19.93	21.88	23.84	25.74	27.38	29.22	31.05	32.80
	21	38.40		13.82	15.85	17.84	19.82	21.78	23.76	25.67	27.30	29.17	30.97
	22	39.55			13.74	15.76	17.77	19.75	21.73	23.65	25.58	27.19	29.07
35	16	32.58	21.36	23.33	24.96	26.82	28.54	30.21					
	17	32.84	19.38	21.32	23.27	24.93	26.78	28.60	30.29	31.64			
	18	33.73	17.33	19.31	21.28	23.23	24.87	26.74	28.57	30.31	31.91	33.31	
	19	**34.66**	15.30	17.27	19.28	21.23	23.19	24.80	26.70	**28.55**	30.33	32.00	33.42
	20	35.58	13.21	15.22	17.23	19.20	21.16	23.11	25.04	26.65	28.47	30.28	32.01
	21	36.55		13.12	15.14	17.15	19.12	21.07	23.01	24.98	26.55	28.44	30.23
	22	37.63			13.05	15.08	17.05	19.04	20.99	22.95	24.88	26.49	28.34
40	16	31.09	20.57	22.24	24.12	25.96	27.66	29.10					
	17	31.10	18.58	20.52	22.46	24.09	25.94	27.71	29.35				
	18	31.88	16.56	18.52	20.50	22.45	24.04	25.92	27.72	29.43	30.88		
	19	32.72	14.49	16.49	18.47	20.43	22.36	24.01	25.87	27.71	29.46	31.04	32.40
	20	33.52	12.41	14.42	16.45	18.40	20.38	22.31	23.96	25.82	27.63	29.44	31.13
	21	34.48		12.36	14.36	16.34	18.32	20.30	22.23	24.17	25.77	27.59	29.39
	22	35.51			12.25	14.28	16.30	18.26	20.23	22.16	24.09	25.70	27.54
45	16	29.40	19.71	21.40	23.22	25.05	26.64						
	17	29.42	17.73	19.67	21.36	23.19	25.04	26.71	28.00				
	18	29.84	15.70	17.70	19.63	21.33	23.17	25.02	26.80	28.36			
	19	30.64	13.68	15.67	17.63	19.59	21.52	23.16	25.00	26.80	28.45	29.79	
	20	31.39	11.61	13.60	15.61	17.58	19.53	21.47	23.12	24.94	26.75	28.51	30.05
	21	32.33		11.53	13.55	15.54	17.53	19.46	21.42	23.06	24.90	26.70	28.52
	22	33.24			11.46	13.50	15.46	17.45	19.42	21.34	22.99	24.87	26.69
50	16	27.58	18.76	20.44	22.26	24.02	25.45						
	17	27.60	16.82	18.76	20.43	22.25	24.03	25.60					
	18	27.62	14.81	16.76	18.71	20.40	22.22	24.03	25.72	27.17			
	19	28.40	12.79	14.76	16.72	18.68	20.37	22.21	24.03	25.78	27.27		
	20	29.03	10.72	12.73	14.71	16.69	18.62	20.54	22.17	23.98	25.76	27.40	28.84
	21	29.88		10.67	12.67	14.65	16.62	18.57	20.48	22.13	23.95	25.74	27.48
	22	30.72			10.60	12.59	14.58	16.56	18.51	20.43	22.09	23.90	25.71

34.66 kW | **1 Stage** | **3 Phase**

HEATING PERFORMANCE

WB TEMP ON OD COIL- ^{0}C	HEATING CAPACITY - kW AT DB ENTERING INDOOR - ^{0}C									
	16		18		20		22		24	
	TH	IH	TH	IH	TH	IH	TH	IH	TH	IH
-10	21.01	20.17	20.83	20.00	20.64	19.81	20.47	19.65	20.29	19.47
-8	22.37	21.25	22.16	21.06	21.96	20.86	21.76	20.67	21.56	20.49
-6	23.74	22.32	23.54	22.13	23.32	21.93	23.10	21.71	22.88	21.51
-4	25.21	23.20	25.00	23.00	24.76	22.78	24.53	22.56	24.27	22.33
-2	26.73	23.79	26.49	23.58	26.23	23.35	25.98	23.12	25.72	22.89
0	28.38	24.98	28.11	24.74	27.84	24.50	27.57	24.26	27.28	24.00
2	29.93	27.23	29.65	26.98	29.35	26.71	29.05	26.43	28.74	26.15
4	31.59	31.59	31.28	31.28	30.97	30.97	30.64	30.64	30.30	30.30
6	33.32	33.32	32.98	32.98	**32.73**	**32.73**	32.39	32.39	32.02	32.02
8	35.26	35.26	34.91	34.91	34.54	34.54	34.17	34.17	33.77	33.77
10	37.21	37.21	36.83	36.83	36.42	36.42	36.02	36.02	35.59	35.59
12	39.24	39.24	38.82	38.82	38.39	38.39	37.94	37.94	37.48	37.48
14	41.34	41.34	40.89	40.89	40.42	40.42	39.92	39.92	39.44	39.44
16	43.52	43.52	43.03	43.03	42.51	42.51	41.99	41.99	41.45	41.45
18	45.78	45.78	45.24	45.24	44.68	44.68	44.11	44.11	43.54	43.54

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

AIRFLOW CORRECTION MULTIPLIER

% VARIATION	-15%	-10%	-5%	NOMINAL	+5%	+10%
INDOOR AIRFLOW (l/s)	1462	1548	1634	**1720**	1806	1892
TOTAL COOLING	0.972	0.982	0.991	**1.00**	1.008	1.014
SENSIBLE COOLING	0.919	0.947	0.973	**1.00**	1.027	1.053
HEATING FACTOR	0.991	0.994	0.997	**1.00**	1.002	1.004

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

PIPE LENGTH CORRECTION MULTIPLIER

	5m	10m	20m	30m	40m	50m	60m
COOLING	**1.000**	0.996	0.989	0.981	0.974	0.967	0.960
HEATING	**1.000**	1.000	1.000	1.000	1.000	1.000	1.000

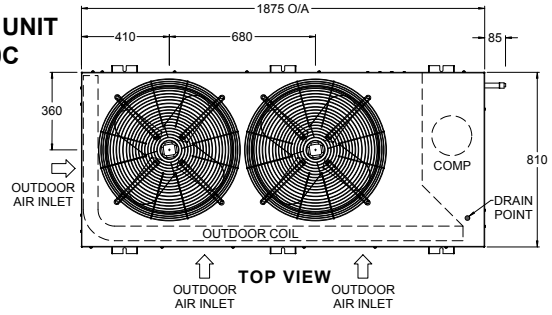
Correction multipliers are based on horizontal pipe runs.

ActronAir

DIMENSIONS AND FAN CURVE

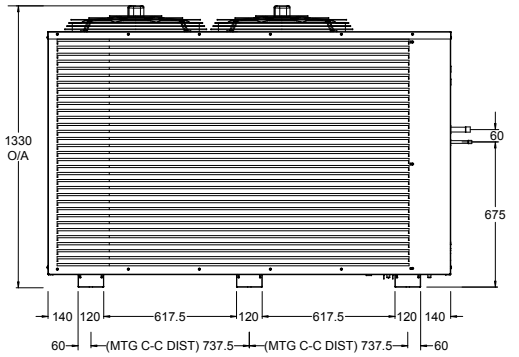
SCA330C / SCA330E

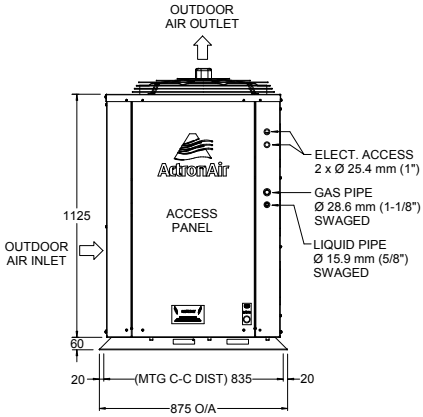
OUTDOOR UNIT SCA330C



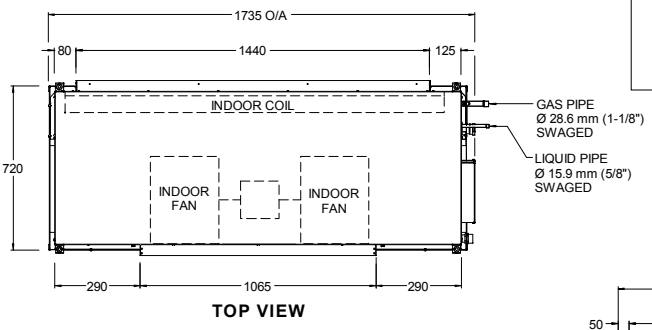
OVERALL NOMINAL DIMENSION (H x W x L)
= 1330 x 1875 x 875
USE M12 BOLT FOR FEET MOUNTING

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





INDOOR UNIT SCA330E

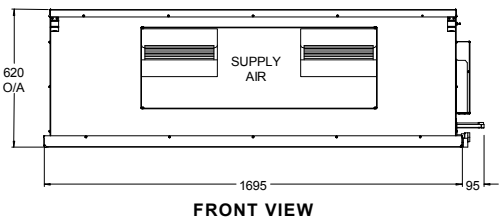


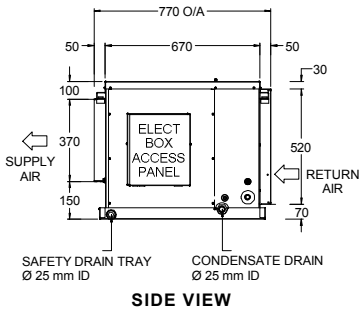
NOTES:

1. All dimensions are in mm unless specified.
2. Do not scale drawing.
3. Refer Pipe Connection Details on Specifications Sheet.
4. Additional Full Coil Coat Protection option available on all units.

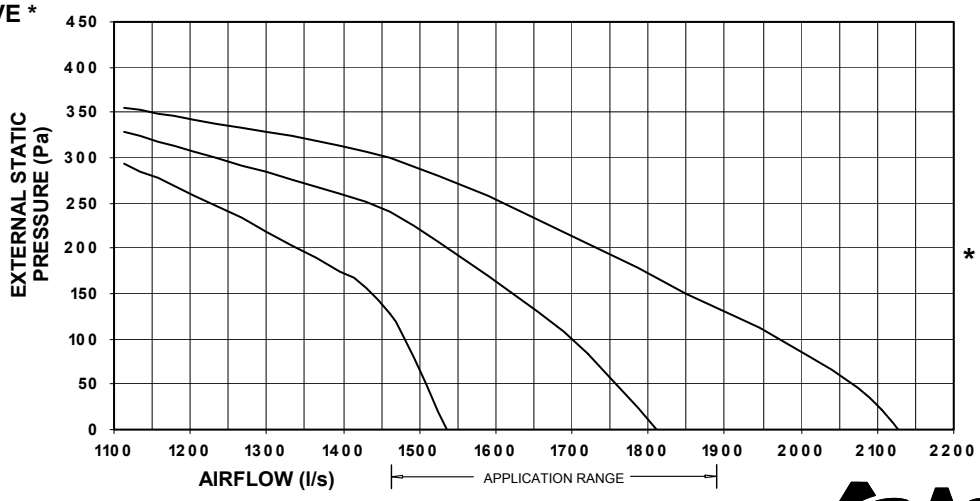
THIRD ANGLE PROJECTION

OVERALL NOMINAL DIMENSION (H x W x L)
= 620 x 1735 x 770
SUPPLY DUCT (H x W) = 370 x 1065
RETURN DUCT = 520 x 1440
DRAIN CONNECTION = 25mm ID





INDOOR UNIT FAN CURVE *



* Performance Fan Curve shown is at Dry Coil Condition for 9x9 S - 1100W - Twin Deck Fan.

3 Phase | 1 Stage

34.66 kW

Outdoor Radiated

Sound Power Level (SWL)

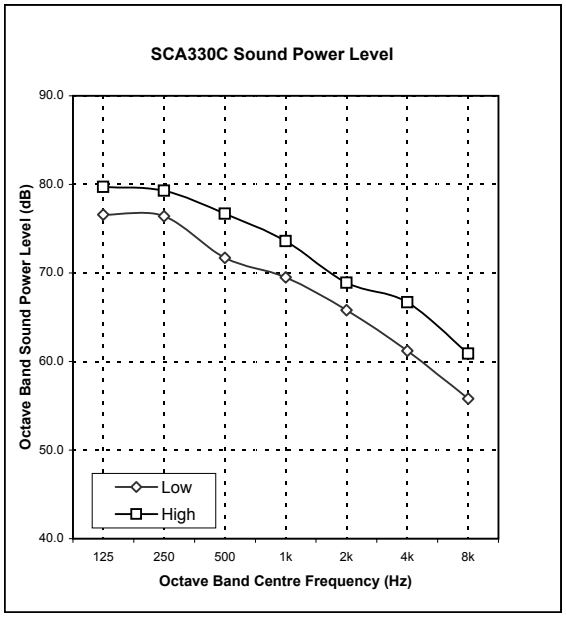
Fan Speed	Sound Power Level dB(A)	Octave Band Centre Frequency (Hz), dB						
		125	250	500	1k	2k	4k	8k
Low	74.8	76.6	76.4	71.7	69.5	65.8	61.2	55.8
High	78.8	79.7	79.3	76.7	73.6	68.9	66.7	60.9

Indoor Outlet

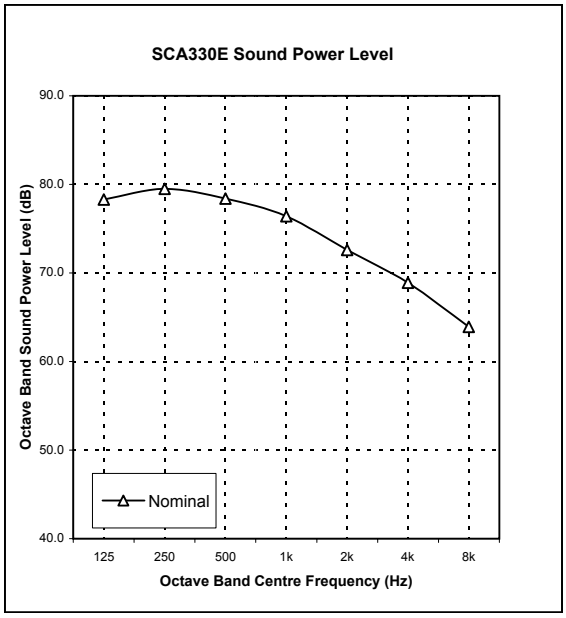
Sound Power Level (SWL)

Airflow Setting	Airflow Li/s	Sound Power Level dB(A)	Octave Band Centre Frequency (Hz), dB						
			125	250	500	1k	2k	4k	8k
Nominal	1720	81.0	78.3	79.5	78.4	76.4	72.6	68.9	63.9

OUTDOOR RADIATED



INDOOR OUTLET



NOTES:

1. Radiated sound power levels are based on ISO 3743-2.
2. Outlet sound power levels are based on ISO 13347-2.

34.66 kW | 3 Phase | 1 Stage

SPECIFICATIONS

SCA330C / SCA330E

CONSTRUCTION

CABINET (Indoor Unit)	0.5 - 1.2 mm Galvanized Steel
CABINET (Outdoor Unit)	0.9 - 1.6 mm ZA & Galv. Steel
SURFACE FINISH (Outdoor Unit)	65 μ Baked Polyester Powder Coat

INSULATION (Indoor Unit)

TYPE	10 mm Foil Faced Polyethylene
	15 mm Expanded Polystyrene

ELECTRICAL

OUTDOOR UNIT	
Power Supply - 50 Hz	400 Volts x 3 Phase + N
Voltage Range (min - max)	380 V - 440 V
Full Load Amps*	22.6
Rated Load Amps**	16.7
Approximate Starting Amps	118.0
IP Rating	IP44
INDOOR UNIT	
Power Supply - 50 Hz	230 Volts x 1 Phase + N
Voltage Range (min - max)	216 V - 253 V
Full Load Amps*	7.1
IP Rating	IP20
OUTDOOR & INDOOR UNIT (TOTAL)	
Full Load Amps* - Phase 1	29.7
Full Load Amps* - Phase 2 & 3	19.5 & 20.5
Rated Load Amps**	23.3

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)	6.0 mm^2 (SUGGESTED MINIMUM)
Cable Size (indoor to outdoor wire)	1.0 mm^2 (SUGGESTED MINIMUM)
Circuit Breaker Size	32.0 Amps

OUTDOOR COIL

TUBE TYPE	Copper - Rifle Bore
FIN TYPE	Aluminium - Wave
FACE AREA (m sqr)	2.50
FIN SPACING (per m)	472
COIL COATING	Blue Epoxy Coat Coil Fin Protection
ROWS	---

OUTDOOR FAN

NUMBER OF FANS x TYPE	2 x Axial
NUMBER OF BLADES PER FAN	4
DIAMETER (mm)	560
OUTPUT kW	0.37
MOTOR TYPE / DRIVE TYPE	6 Pole External Rotor / Direct
FAN SPEED CONTROL	2 Speed via Capacitor

The standard type outdoor fans fitted to this unit will accept up to 5Pa of external static resistance.

INDOOR COIL

TUBE TYPE	Copper - Rifle Bore
FIN TYPE	Aluminium - Louvre
FACE ARE (m sqr)	0.86
FIN SPACING (per m)	472
COIL COATING	Blue Epoxy Coat Coil Fin Protection
ROWS	---

INDOOR FAN

NUMBER OF FANS x TYPE	1 x Twin Deck Centrifugal Fan
DIAMETER / WIDTH (mm)	240 x 240
OUTPUT kW / INPUT kW	1.10 / 1.37
MOTOR TYPE / DRIVE TYPE	3 Speed 4 Pole / Direct

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.

COMPRESSOR

NUMBER PER UNIT x TYPE	1 x Scroll (Hermetic)
FULL LOAD AMPS	20.0
LOCKED ROTOR AMPS	118.0
STARTING METHOD	D.O.L. (optional soft starter)

REFRIGERATION SYSTEM

REFRIGERANT TYPE	R-410A
EXPANSION CONTROL	Direct Expansion Orifice
FACTORY CHARGE (grams)	12,800
PRE-CHARGE LENGTH (metres)	5
ADDITIONAL REF. CHARGE (gm/m)	165

FILTER DRIER

CONNECTION SIZE & TYPE	15.9 mm (5/8") ODF Soldered Bi-Flow
FACTORY SUPPLIED / FITTED	Yes

See Installation Section for complete Filter Drier specifications.

INTERCONNECTING PIPE RUN

MAX PIPE LENGTH (metres)		60
MAX. VERTICAL LENGTH (metres)		20 (Included in Max. Pipe Length)
FIELD PIPE SIZES		
Liquid Pipe		15.9 mm (5/8")
Gas Pipe		28.6 mm (1-1/8")
PIPE CONNECTIONS		
Indoor	Liquid Pipe	15.9 mm (5/8") Swaged to fit 15.9 mm (5/8") field pipe
	Gas Pipe	28.6 mm (1-1/8") Swaged to fit 28.6 mm (1-1/8") field pipe
Outdoor	Liquid Pipe	15.9 mm (5/8") Swaged to fit 15.9 mm (5/8") field pipe
	Gas Pipe	28.6 mm (1-1/8") Swaged to fit 28.6 mm (1-1/8") field pipe
CONNECTION TYPE		Solder

Insulate both gas and liquid pipes separately.

PROTECTION DEVICES

HIGH PRESSURE CUTOUT SWITCH	Nonadjustable (Automatic Reset)
LOW PRESSURE CUTOUT 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	50 W during Comp. Off Cycle

ELECTRIC CONTROLS

DEFROST METHOD	Reverse Cycle
DEFROST TYPE	Adaptive Demand Defrost
CONTROL CIRCUIT BREAKER	16.0 Amps
CONTROL FIELD WIRING	2 Core 14 / 0.20 Screened 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	19.5°C DB / 18°C WB
		Min.	16°C DB	-10°C WB
IMPORTANT - For low ambient cooling use option S. Lower ambient available on request. Contact your nearest ActronAir office for more details.				
Low Ambient Cooling	Option S	Max.	29°C DB / 19°C WB	50°C DB
		Min.	20°C DB / 15°C WB	5°C DB
	On Request	Max.	29°C DB / 19°C WB	50°C DB
		Min.	20°C DB / 15°C WB	-5°C DB

3 Phase | 1 Stage

34.66 kW

ActronAir

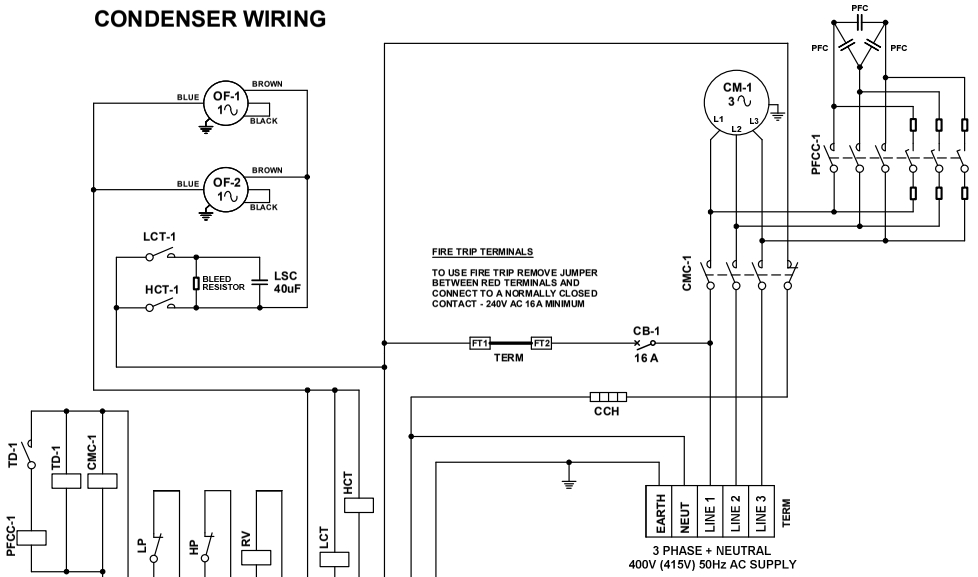
34.66 kW

3 Phase	1 Stage

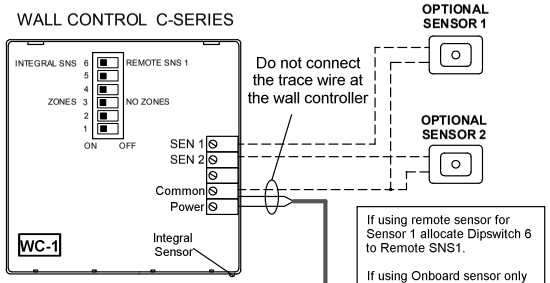
WIRING DIAGRAM

SCA330C / SCA330E

CONDENSER WIRING



FIELD WIRING



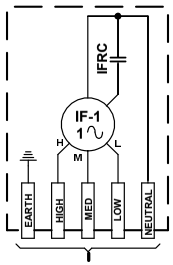
If using remote sensor for Sensor 1 allocate Dipswitch 6 to Remote SNS1.

If using Onboard sensor only allocate Dipswitch 6 to Integral SNS.

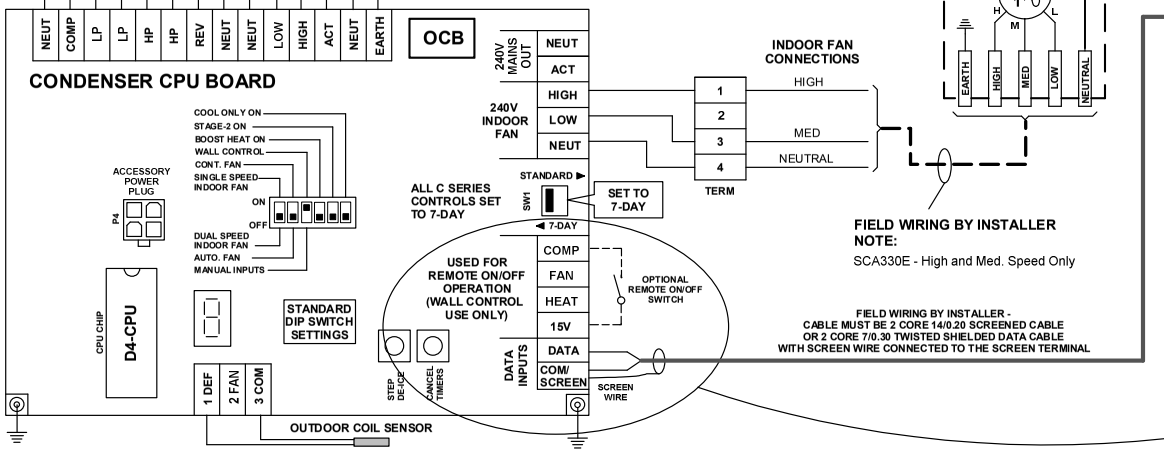
If using Onboard and remote sensor, allocate Dipswitch 6 to Integral SNS and wire in optional sensor to SEN 2 and Common.

If using 2 Remote sensors, allocate dipswitch 6 to Remote SNS 1.

INDOOR FAN



CONDENSER CPU BOARD



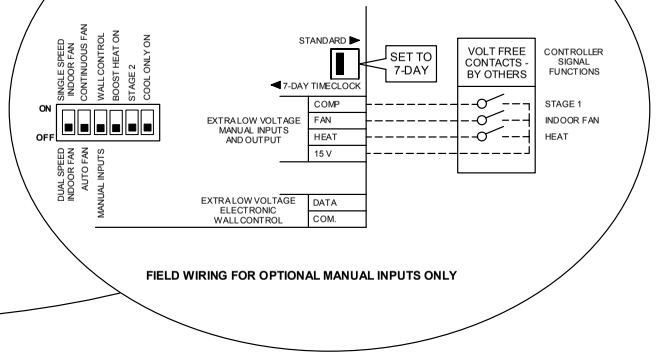
FIELD WIRING BY INSTALLER NOTE:
SCA330E - High and Med. Speed Only

FIELD WIRING BY INSTALLER -
CABLE MUST BE 2 CORE 14/0.20 SCREENED CABLE OR 2 CORE 7/0.30 TWISTED SHIELDED DATA CABLE WITH SCREEN WIRE CONNECTED TO THE SCREEN TERMINAL

WIRING FOR OPTIONAL MANUAL INPUTS

(i.e: NON ACTRON CONTROL)

*** PLEASE SET ALL DIP SWITCH SETTINGS DOWN WHEN USING MANUAL INPUTS.**



FIELD WIRING FOR OPTIONAL MANUAL INPUTS ONLY

LEGEND

CB	CIRCUIT BREAKER
CCH	CRANKCASE HEATER
CM	COMPRESSOR MOTOR
CMC	COMPRESSOR MOTOR CONTACTOR
HCT	HIGH SPEED FAN CONTACTOR
HP	HIGH PRESSURE SWITCH
IF	INDOOR FAN MOTOR
IFRC	INDOOR FAN RUN CAPACITOR
LCT	LOW SPEED FAN CONTACTOR
LP	LOW PRESSURE SWITCH
LSC	LOW SPEED CAPACITOR
OF	OUTDOOR FAN MOTOR
OCB	OUTDOOR CONTROL BOARD
PFC	POWER FACTOR CORRECTION CAPACITORS
PFCC	POWER FACTOR CORRECTION CONTACTOR
RV	REVERSING VALVE
TD	ON DELAY TIMER (SET - 5 Seconds)
TERM	MAIN TERMINAL BLOCKS
WC	WALL CONTROLLER

Rev.	Description	PCR	By	Date
C	LARGE DIP SWITCH CHANGED TO 7-DAY	2817	RL	22-12-2016
B	REMOVED MODEL NUMBER SCA290C	1524	RL	22-08-2011
A	ORIGINAL			

ActronAir®

Base Model No:	SCA330C	Variation Code:	Variation:	STANDARD		
Description:	ACT-D4 CONTROL SYSTEM WIRING DIAGRAM WITH C SERIES WALL CONTROL & POWER FACTOR CORRECTION					
Drawn:	KJP	Date: 04-03-2011	Drawing No:	WD0647	Revision: C	Size: A4
Approved:	MJH	Date: 22-12-2016				

OUTDOOR UNIT VARIATION

SCA330C-H

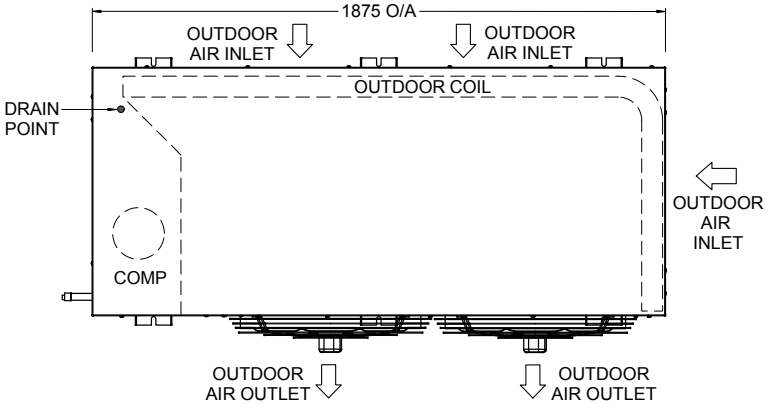
H OUTDOOR UNIT - HORIZONTAL DISCHARGE FANS 5 Pa

OVERALL NOMINAL DIMENSION (H x W x L)
= 1185 x 1875 x 980
USE M12 BOLT FOR FEET MOUNTING

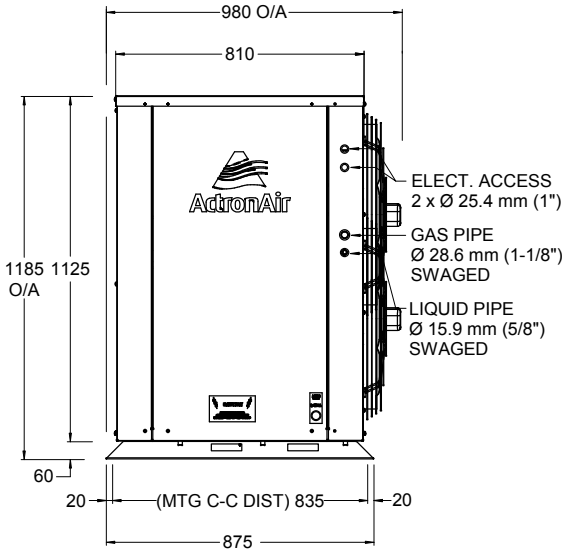
NOTES:

THIRD ANGLE PROJECTION

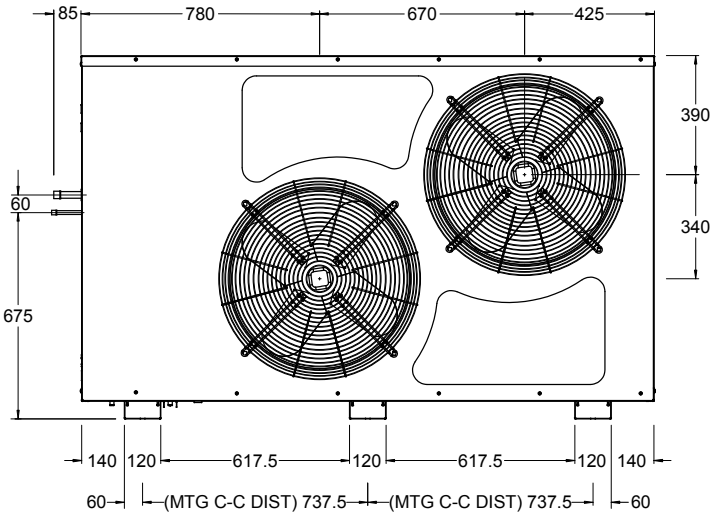
1. All dimensions are in mm unless specified.
2. Do not scale drawing.
3. Additional Full Coil Coat Protection option available on all units.
4. Refer Pipe Connection Details on Specifications Sheet.
5. Suggested Service Clearance and Airflow Allowances are based on conditions that the spaces are free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



TOP VIEW



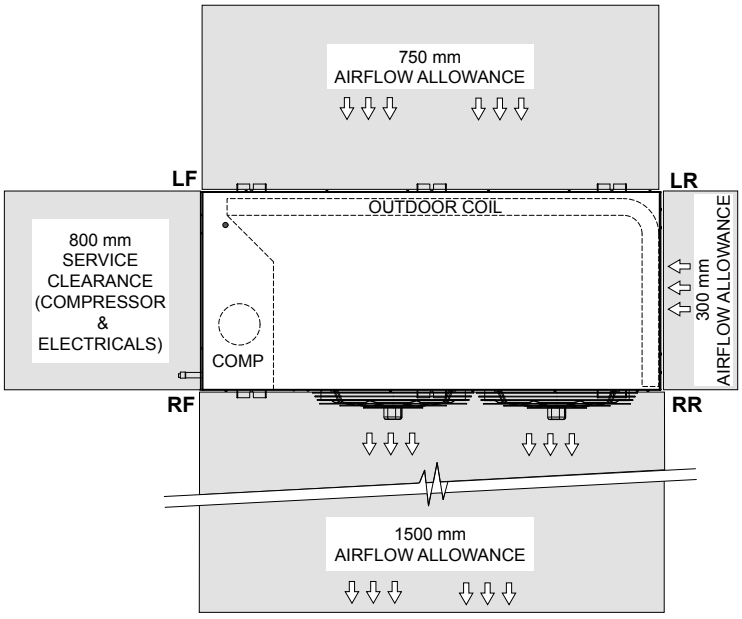
SIDE VIEW



FRONT VIEW

3 Phase | 1 Stage | 34.66 kW

MINIMUM SERVICE ACCESS CLEARANCES & AIRFLOW SPACE ALLOWANCES



HEIGHT CLEARANCE = 600

TOP VIEW

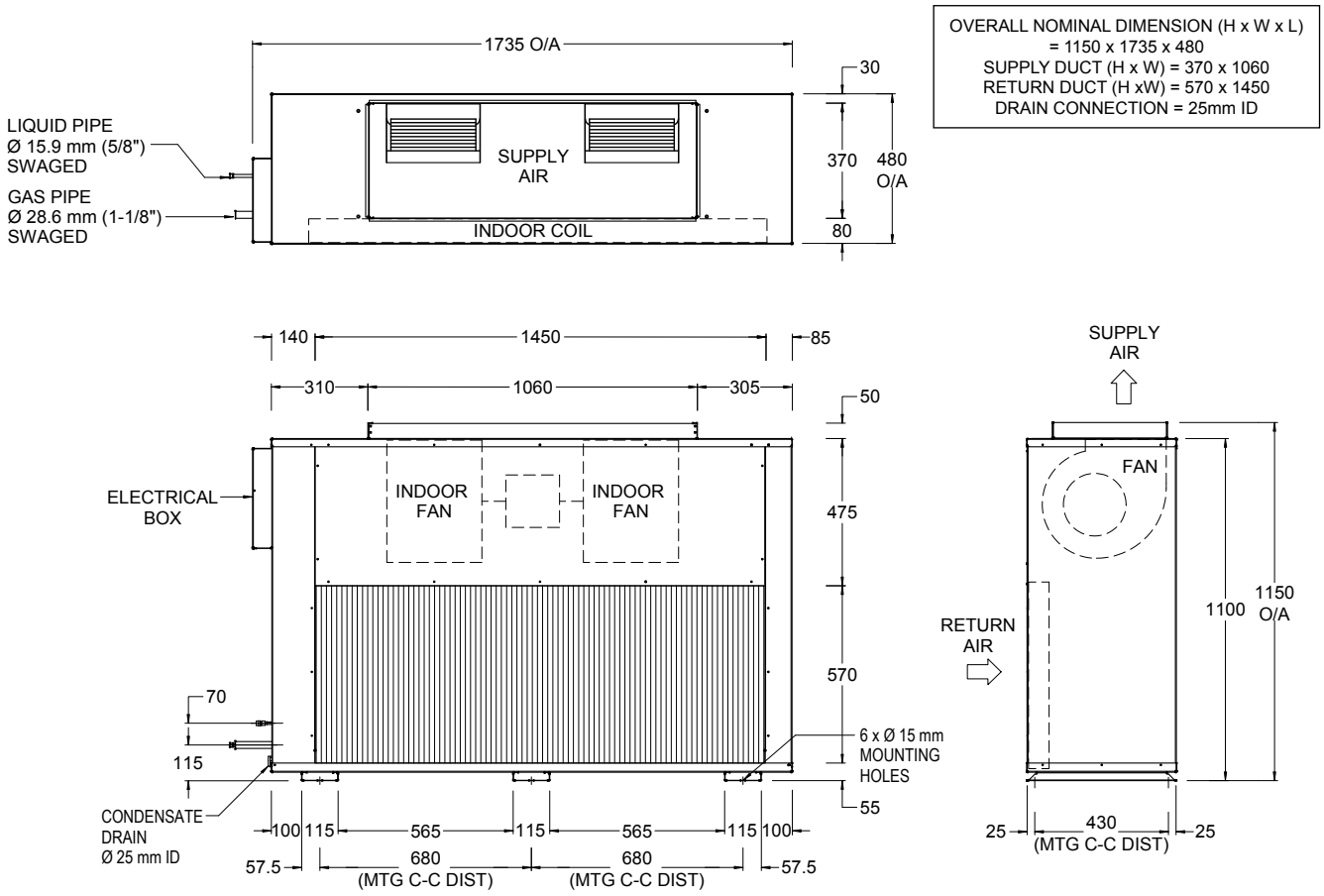
PLEASE NOTE THAT UNDER ALL CIRCUMSTANCES, CONDENSER AIR MUST NOT RECIRCULATE BACK ONTO CONDENSER COIL. KEEP ALL CLEARANCES FREE OF ANY OBSTRUCTIONS

STACKING OF UNITS	
ONE IN FRONT OF THE OTHER (DISTANCE BET. **LF** & **RF**)	SIDE BY SIDE (DISTANCE BET. **LF** & **LR**)
1500 mm	1000 mm

INDOOR UNIT VARIATION

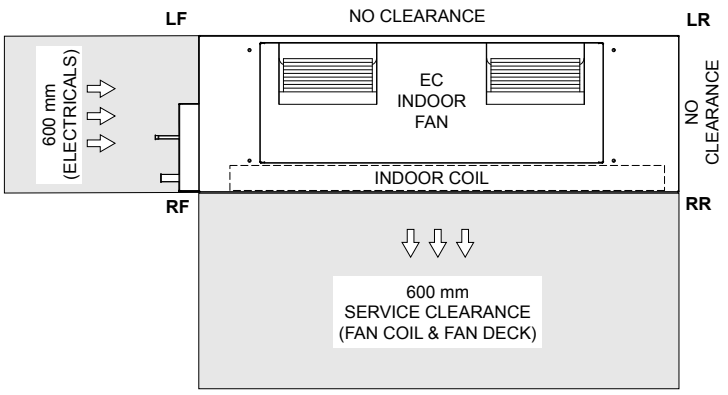
SCA330E-V

V INDOOR UNIT - UPRIGHT FAN COIL WITH VERTICAL DISCHARGE



34.66 kW | 3 Phase | 1 Stage

MINIMUM SERVICE ACCESS CLEARANCES & AIRFLOW SPACE ALLOWANCES



HEIGHT CLEARANCE = DUCT WORK

TOP VIEW

NOTES:

THIRD ANGLE PROJECTION

1. All dimensions are in mm unless specified.
2. Do not scale drawing.
3. Refer Fan Curve to corresponding standard SCG400E 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 1000mm is available.
6. Minimum service access areas are responsibilities of the installer.

STACKING OF UNITS	
ONE IN FRONT OF THE OTHER (DISTANCE BET. **LF** & **RF**)	SIDE BY SIDE (DISTANCE BET. **LF** & **LR**)
600 mm	1000 mm