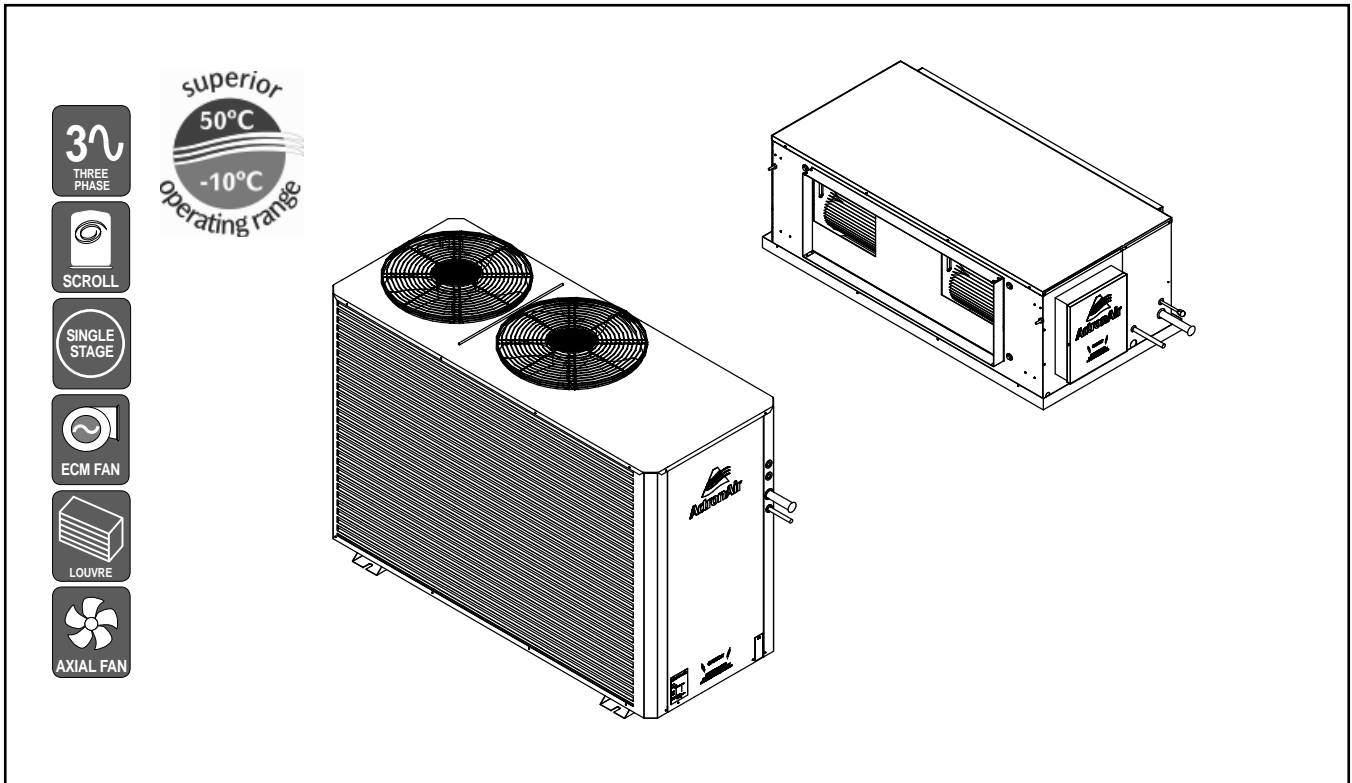


SPLIT DUCTED UNIT



UNIT FEATURES

- Compliant Scroll Compressor
- ECM High Efficiency Indoor Fan Motor
- Multiple Speed Outdoor Fans
- Blue Epoxy Coat Coil Fin Protection - Indoor & Outdoor Coils
- Louvred Outdoor Coil Guard
- Pre-charged with R410A Refrigerant
- Integral Fan Coil Safety Tray with Drain Kit
- Adaptive Demand Defrost
- Overheat Safety Protection / Anti-Freeze Protection - Indoor Coil
- LM7 Wall Controller Supplied as Standard
- 20m Data Cable Included

CONTROL FEATURES

- 7-Day Programmable Controller with 2 Events per Day
- Auto, Heat & Cool Modes
- Auto/Continuous Indoor Fan Operation
- 3 Speed EC Indoor Fan
- Hot Start Feature
- Fault Indication - Relay Output
- 24-Hour ON/OFF Timer
- Home/Building Automation ON/OFF Capability

UNIT / CONTROL OPTIONS

- ActronConnect Module for Wireless Control
- LM24W (24-Hour Wall Controller) - Optional Secondary Wall Controller with Mimic Logic
- Remote Temperature Sensors
- Compressor Soft Starter
- Zone Kit for Control up to 8 Zones (See Control Section)
- Additional Full Coil Coat Protection

PLENUMS (Optional)

- Supply Air Plenums are Available in a 2 way or 3 way Configuration (See Accessories Section for details of Spigots availability)
- Return Air Plenums are Available with 2 x 350 mm or 2 x 400 mm Spigots

UNIT COMPLIANCE

- MEPS 2012
- Demand Response AS4755.3.1

SPECIFICATION SUMMARY

OUTDOOR UNIT MODEL	SRA153C
INDOOR UNIT MODEL	SRG151E
(1)(2) TOTAL COOLING CAPACITY (kW)	15.27
(1)(2) TOTAL COOLING SENSIBLE CAPACITY (kW)	12.61
(1)(3) TOTAL HEATING CAPACITY (kW)	14.45
(4) COOLING INPUT POWER (kW)	4.43
(4) HEATING INPUT POWER (kW)	3.95
(1)(2) EER	3.45
(1)(3) COP	3.66
(5) INDOOR AIRFLOW (l/s) - MIN. / NOMINAL / MAX.	690 / 770 / 880
OUTDOOR SOUND PRESS. LEVEL @ 3M dB(A) - LOW / HIGH	50.0 / 52.0
OUTDOOR SOUND POWER LEVEL dB(A) - LOW / HIGH	67.0 / 69.0
POWER SUPPLY - OUTDOOR	400V / 3Ph+N / 50Hz
POWER SUPPLY - INDOOR	230V / 1Ph+N / 50 Hz
(6) RATED LOAD AMPS - OUTDOOR / INDOOR / TOTAL	7.1 / 4.2 / 11.3
(7) FULL LOAD AMPS - OUTDOOR / INDOOR / TOTAL	11.7 / 4.3 / 16.0
(8) CIRCUIT BREAKER AND CABLE AMPS	20.0
APPROXIMATE STARTING AMPS	51.5
WEIGHT (kg) - INDOOR / OUTDOOR	59 / 135

- (1) Total Capacities are based on unit rating excluding indoor fan kW.
- (2) At 27°C DB / 19°C WB entering air temperatures and 35°C ambient.
- (3) At 20°C DB entering air temperature and 7°C DB / 6°C WB ambient.
- (4) Input power includes indoor fan kW.
- (5) Max. - Min. airflow application range.
- (6) Measured and tested in accordance with AS/NZS 3823.1.2.
- (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.

CAPACITY SELECTION DATA

SRA153C / SRG151E

COOLING PERFORMANCE

AIR ENTERING			TOTAL SENSIBLE CAPACITY - kW												
OUTDOOR DB - °C	INDOOR WB - °C	TOTAL CAPACITY kW	AT DB TEMPERATURE ONTO INDOOR COIL - °C												
			20	21	22	23	24	25	26	27	28	29	30		
25	16	15.97	9.67	10.58	11.48	12.36	13.23	13.95							
	17	15.97	8.78	9.65	10.56	11.46	12.36	13.22	14.01						
	18	16.29	7.82	8.75	9.63	10.55	11.45	12.33	13.23	14.05	14.79				
	19	16.70	6.85	7.80	8.75	9.61	10.52	11.42	12.32	13.21	14.05	14.83	15.51		
	20	17.07	5.85	6.82	7.77	8.72	9.58	10.49	11.39	12.30	13.19	14.04	14.85		
	21	17.56		5.83	6.78	7.75	8.68	9.54	10.47	11.36	12.25	13.16	14.02		
	22	18.00			5.81	6.75	7.71	8.65	9.58	10.42	11.32	12.23	13.12		
30	16	15.42	9.40	10.30	11.20	12.08	12.91	13.55							
	17	15.39	8.51	9.38	10.30	11.20	12.08	12.93	13.70						
	18	15.67	7.57	8.50	9.36	10.28	11.17	12.06	12.93	13.76	14.39				
	19	15.99	6.60	7.55	8.48	9.35	10.26	11.16	12.05	12.92	13.76	14.51			
	20	16.39	5.62	6.58	7.53	8.46	9.33	10.24	11.14	12.03	12.91	13.77	14.56		
	21	16.86		5.58	6.54	7.49	8.44	9.31	10.20	11.11	12.02	12.88	13.74		
	22	17.28			5.55	6.51	7.46	8.40	9.26	10.17	11.08	11.97	12.85		
35	16	14.82	9.11	10.02	10.91	11.77	12.55								
	17	14.82	8.23	9.10	10.01	10.90	11.77	12.60	13.31						
	18	15.01	7.29	8.21	9.08	9.99	10.88	11.76	12.62	13.42					
	19	15.27	6.32	7.27	8.21	9.06	9.98	10.88	11.76	12.61	13.44	12.14			
	20	15.67	5.35	6.30	7.25	8.19	9.04	9.95	10.85	11.73	12.60	13.45	14.22		
	21	16.06		5.33	6.28	7.23	8.15	9.03	9.91	10.82	11.70	12.58	13.44		
	22	16.45			5.30	6.25	7.19	8.13	8.99	9.88	10.78	11.68	12.56		
40	16	14.09	8.77	9.68	10.55	11.39	12.09								
	17	14.11	7.86	8.77	9.67	10.55	11.42	12.19							
	18	14.20	6.97	7.90	8.75	9.67	10.55	11.40	12.23	12.92					
	19	14.43	6.01	6.96	7.95	8.73	9.64	10.54	11.40	12.25	13.02				
	20	14.77	5.04	6.00	6.94	7.86	8.72	9.62	10.51	11.39	12.24	13.05	13.73		
	21	15.13		5.02	5.97	6.92	7.84	8.70	9.59	10.49	11.37	12.22	13.07		
	22	15.51			5.00	5.95	6.88	7.81	8.67	9.55	10.46	11.34	12.22		
45	16	13.31	8.40	9.32	10.18	10.98									
	17	13.33	7.51	8.41	9.30	10.18	11.01	11.69							
	18	13.33	6.63	7.50	8.39	9.29	10.18	11.01	11.80						
	19	13.53	5.68	6.61	7.48	8.39	9.28	10.16	11.02	11.84	12.47				
	20	13.82	4.71	5.66	6.60	7.52	8.37	9.25	10.14	11.01	11.85	12.60			
	21	14.16		4.70	5.64	6.58	7.50	8.35	9.24	10.12	11.01	11.85	12.64		
	22	14.55			4.67	5.61	6.56	7.47	8.33	9.22	10.10	10.97	11.82		
50	16	12.45	8.01	8.93	9.75	10.43									
	17	12.46	7.12	8.01	8.92	9.76	10.54								
	18	12.46	6.26	7.12	8.00	8.90	9.77	10.58							
	19	12.56	5.32	6.24	7.11	8.00	8.88	9.77	10.59	11.33					
	20	12.80	4.36	5.30	6.23	7.10	7.99	8.86	9.74	10.60	11.39				
	21	13.11		4.34	5.29	6.22	7.12	7.97	8.84	9.73	10.60	11.40	12.12		
	22	13.45			4.31	5.26	6.19	7.10	7.95	8.83	9.71	10.57	11.40		

15.27 kW
3 Phase 1 Stage

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	9.06	8.52	9.02	8.48	8.98	8.44	8.93	8.40	8.89	8.36
-8	9.68	9.00	9.63	8.95	9.57	8.90	9.52	8.85	9.47	8.81
-6	10.31	9.48	10.24	9.42	10.19	9.37	10.16	9.35	10.11	9.30
-4	10.97	9.82	10.89	9.75	10.87	9.73	10.80	9.67	10.74	9.61
-2	11.71	10.18	11.63	10.12	11.55	10.05	11.47	9.98	11.41	9.92
0	12.41	10.68	12.32	10.60	12.27	10.55	12.18	10.47	12.10	10.41
2	13.12	11.68	13.02	11.58	12.91	11.49	12.82	11.41	12.73	11.33
4	13.89	13.20	13.75	13.06	13.67	12.99	13.58	12.90	13.47	12.80
6	14.70	14.70	14.57	14.57	14.45	14.45	14.34	14.34	14.25	14.25
8	15.54	15.54	15.40	15.40	15.27	15.27	15.15	15.15	15.03	15.03
10	16.41	16.41	16.26	16.26	16.12	16.12	15.99	15.99	15.86	15.86
12	17.31	17.31	17.15	17.15	16.99	16.99	16.84	16.84	16.69	16.69
14	18.24	18.24	18.07	18.07	17.90	17.90	17.73	17.73	17.57	17.57
16	19.21	19.21	19.01	19.01	18.83	18.83	18.64	18.64	18.46	18.46
18	20.20	20.20	19.99	19.99	19.78	19.78	19.57	19.57	19.38	19.38

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

AIRFLOW CORRECTION MULTIPLIER

% VARIATION	-10.39%	-10%	-5%	NOMINAL	5%	10%	14.29%
INDOOR AIRFLOW (l/s)	690	693	732	770	809	847	880
TOTAL COOLING	0.983	0.985	0.994	1.000	1.008	1.014	1.020
SENSIBLE COOLING	0.939	0.941	0.971	1.000	1.030	1.057	1.081
HEATING FACTOR	0.995	0.995	0.998	1.000	1.002	1.004	1.006

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

	5m	10m	20m	30m	40m	50m	60m
COOLING	1.000	0.993	0.980	0.966	0.950	0.939	0.925
HEATING	1.000	1.000	1.000	1.000	1.000	1.000	1.000

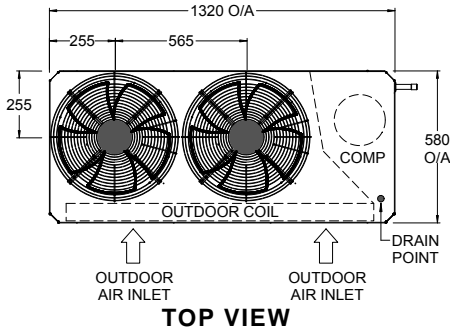
Correction multipliers are based on horizontal pipe runs.



DIMENSIONS AND FAN CURVE

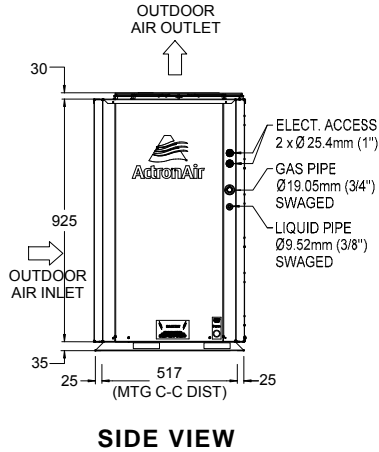
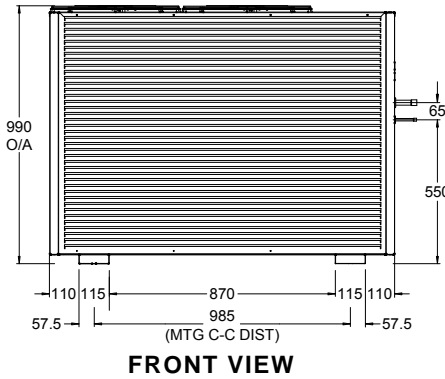
SRA153C / SRG151E

OUTDOOR UNIT SRA153C

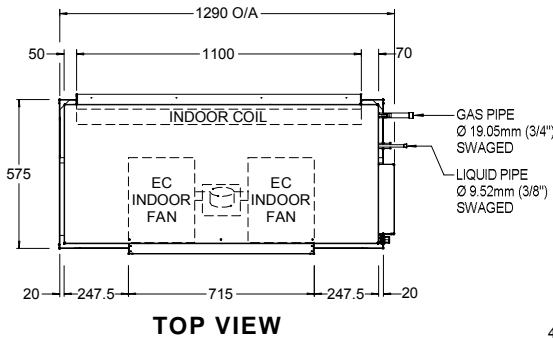


OVERALL NOMINAL DIMENSION (H x W x L)
= 990 x 1320 x 580
USE M12 BOLT FOR FEET MOUNTING

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

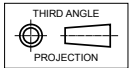


INDOOR UNIT SRG151E

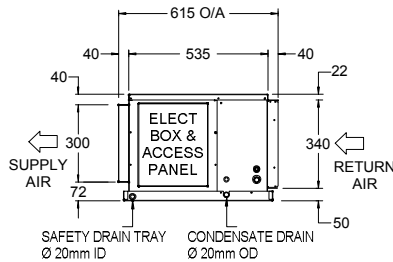
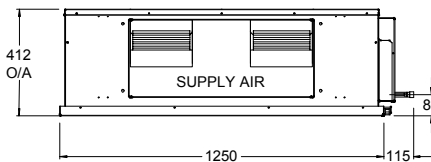


NOTES:

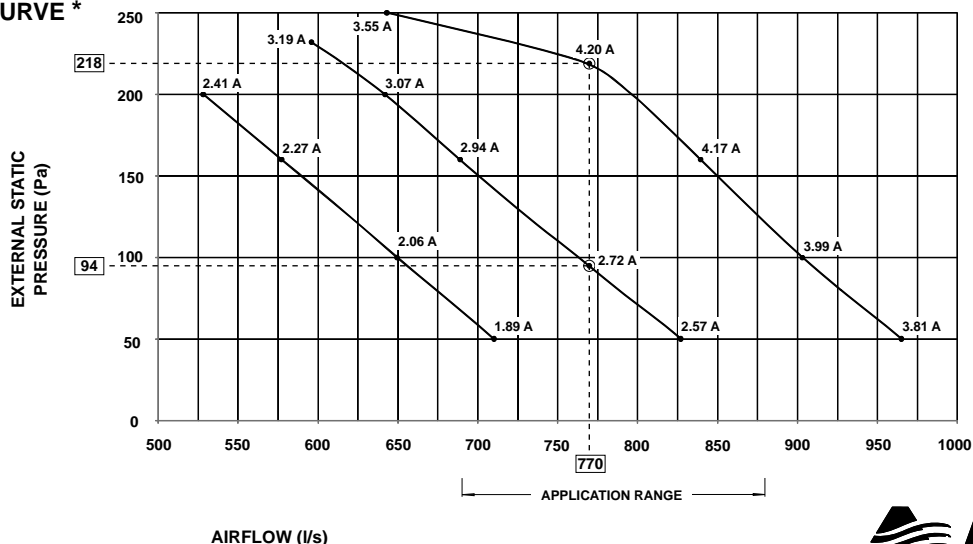
1. All dimensions are in mm unless specified.
2. Do not scale drawing.
3. Refer Pipe Connection Details on Specifications Sheet.
4. Additional Full Coil Coat Protection option available on all units.



OVERALL NOMINAL DIMENSION (H x W x L)
= 412 x 1290 x 615
SUPPLY DUCT (H x W) = 300 x 715
RETURN DUCT = 340 x 1100
DRAIN CONNECTION = 20mm OD



INDOOR UNIT FAN CURVE *



* Performance Fan Curve shown is at Dry Coil Condition for FD9x7AM - 1/2Hp EC Fan.

3 Phase
1 Stage
15.27 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	67.0	70.3	66.1	64.1	61.8	59.1	54.4	47.0
High	69.0	72.1	68.6	65.6	63.9	61.3	55.0	49.3

Indoor Outlet

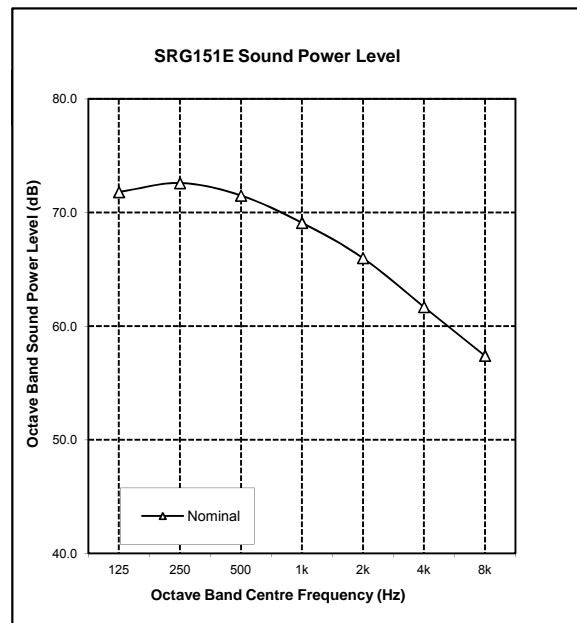
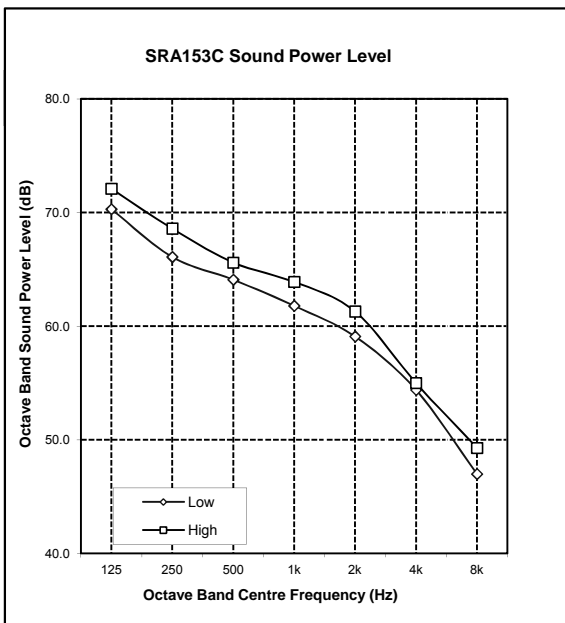
Sound Power Level (SWL)

Airflow Setting	Airflow Li/s	Sound Power Level dB(A)	Octave Band Centre Frequency (Hz), dB						
			125	250	500	1k	2k	4k	8k
Nominal	770	74.0	71.8	72.6	71.5	69.1	66.0	61.7	57.4

15.27 kW
3 Phase 1 Stage

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.



SPECIFICATIONS

SRA153C / SRG151E

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

INSULATION (Indoor Unit)	
TYPE	10 mm Foil Faced Polyethylene 12 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*	11.7
Rated Load Amps**	7.1
Approximate Starting Amps	51.5
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*	4.3
IP Rating	IP20

OUTDOOR & INDOOR UNIT (TOTAL)	
Full Load Amps* - Phase 1	16.0
Full Load Amps* - Phase 2 & 3	10.6
Rated Load Amps**	11.3

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)	2.5 mm ² (SUGGESTED MINIMUM)
Cable Size (indoor to outdoor wire)	1.0 mm ² (SUGGESTED MINIMUM)
Circuit Breaker Size	20.0 Amps

OUTDOOR COIL	
TUBE TYPE	Copper - Rifle Bore
FIN TYPE	Aluminium - Wave
FACE AREA (m sq)	1.10
FIN SPACING (per m)	709
COIL COATING	Blue Epoxy Coat Coil Fin Protection
ROWS	---

OUTDOOR FAN	
NUMBER OF FANS x TYPE	2 x Axial
NUMBER OF BLADES PER FAN	5
DIAMETER (mm)	450
OUTPUT kW	0.145
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 AREA (m sq)	0.41
FIN SPACING (per m)	590
COIL COATING	Blue Epoxy Coat Coil Fin Protection
ROWS	---

INDOOR FAN	
NUMBER OF FANS x TYPE	1 x Twin Deck Centrifugal EC Fan
DIAMETER / WIDTH (mm)	240 x 180
OUTPUT kW	0.373
MOTOR TYPE / DRIVE TYPE	Variable Speed EC Motor / Direct

COMPRESSOR	
NUMBER PER UNIT x TYPE	1 x Scroll (Hermetic)
FULL LOAD AMPS	10.0
LOCKED ROTOR AMPS	51.5
STARTING METHOD	D.O.L. (optional soft starter)

REFRIGERATION SYSTEM	
REFRIGERANT TYPE	R-410A
EXPANSION CONTROL	Direct Expansion Orifice
FACTORY CHARGE (grams)	4650
PRE-CHARGE LENGTH (metres)	15
ADDITIONAL REF. CHARGE (gm/m)	50

FILTER DRIER	
CONNECTION SIZE & TYPE	9.5 mm (3/8") ODF Soldered Bi-Flow
FACTORY SUPPLIED / FITTED	No
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	9.52 mm (3/8")
Gas Pipe	19.05 mm (3/4")

PIPE CONNECTIONS		
Indoor	Liquid Pipe	9.52 mm (3/8") Swaged to fit 9.52 mm (3/8") field pipe
	Gas Pipe	19.05 mm (3/4") Swaged to fit 19.05 mm (3/4") 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") Swaged to fit 19.05 mm (3/4") 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 8m 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

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.	29°C DB / 19°C WB	50°C DB
	Min.	20°C DB / 15°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.	

3 Phase
1 Stage

15.27 kW



WIRING DIAGRAM

SRA153C / SRG151E

15.27 kW
3 Phase 1 Stage

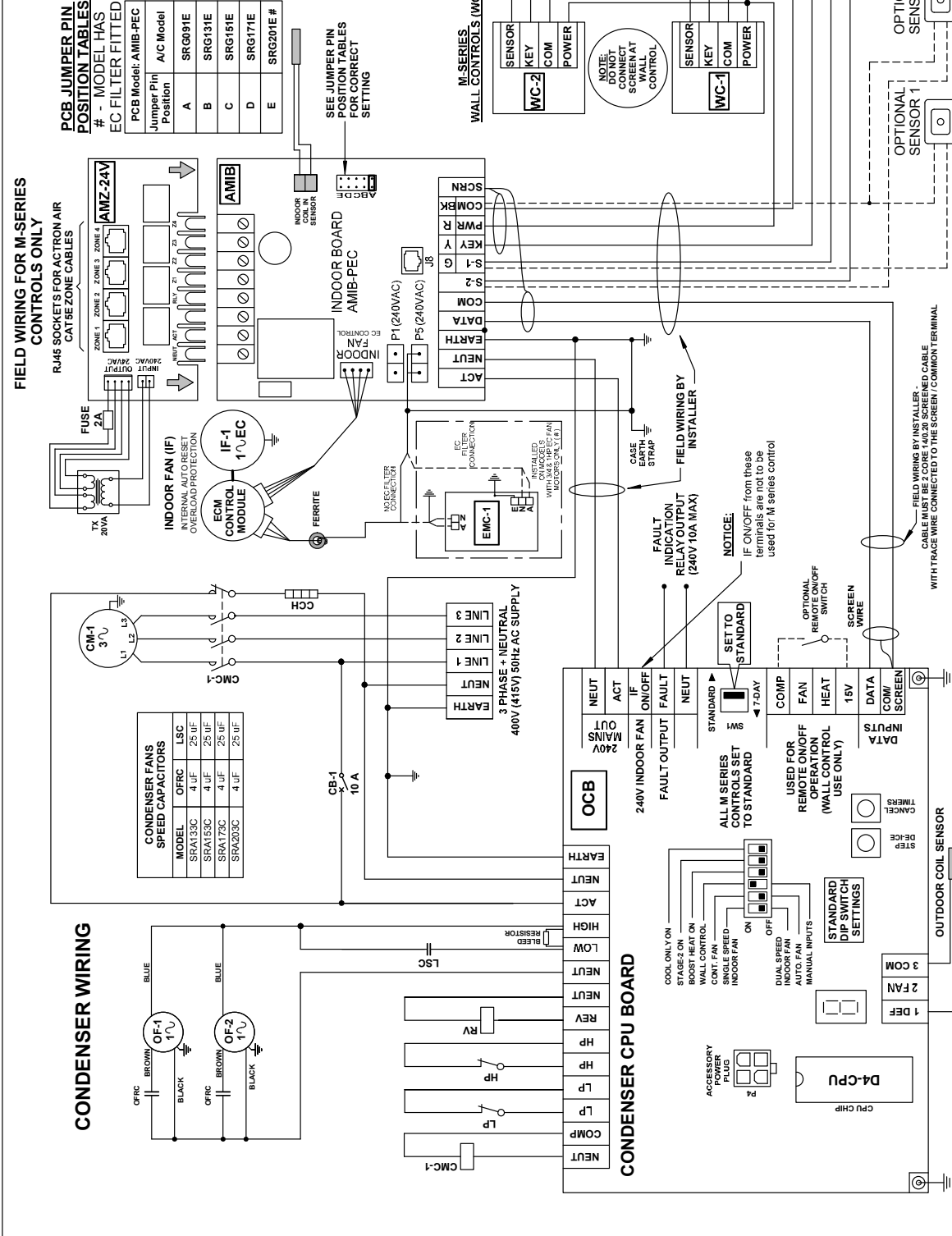
LEGEND

AMZ	OPTIONAL ZONE CONTROL BOARD
AMIB	INDOOR CONTROL BOARD
CB	CIRCUIT BREAKER
CCH	CRANKCASE HEATER
CM	COMPRESSOR MOTOR
CMC	COMPRESSOR MOTOR CONTACTOR
EMC	EC FILTER
F	INLINE FUSE
HP	HIGH PRESSURE SWITCH
IF	INDOOR FAN MOTOR
IFRC	INDOOR FAN RUN CAPACITOR
LP	LOW PRESSURE SWITCH
LSC	LOW SPEED CAPACITOR
OCB	OUTDOOR CONTROL BOARD
OF	OUTDOOR FAN MOTOR
OFRC	OUTDOOR FAN RUN CAPACITOR
RV	REVERSING VALVE
TX	TRANSFORMER 240/24V AC
WC	WALL CONTROLLER

PCB JUMPER PIN POSITION TABLES

- MODEL HAS EC FILTER FITTED

PCB Model: AMIB-PEC	A/C Model
Jumper Pin Position	
A	SRG091E
B	SRG131E
C	SRG151E
D	SRG171E
E	SRG201E #



Base Model No:	SRA133/153/173/203C	Variation Code:	STANDARD
Description:	D4 DIGITAL CONTROL SYSTEM WIRING DIAGRAM WITH M-SERIES INDOOR BOARD & WALL CONTROL		
Drawn:	RL	Date:	07-12-2011
Approved:	MJH	Date:	23-08-2012
Drawing No:	WD0800	Revision:	C
Size:	A4		

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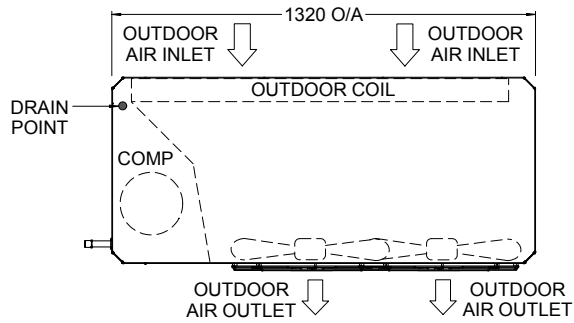
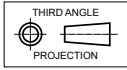
C	WALL CONTROLS POWER & COM SWAPPED	1783	RL	23-08-2012
B	WIRE FROM OCB HIGH TO OF-1&2 WAS GREY	1777	RL	15-08-2012
Rev.	Description	PCR	By	Date
A	ORIGINAL			

OUTDOOR UNIT - HORIZONTAL DISCHARGE FANS 5 Pa

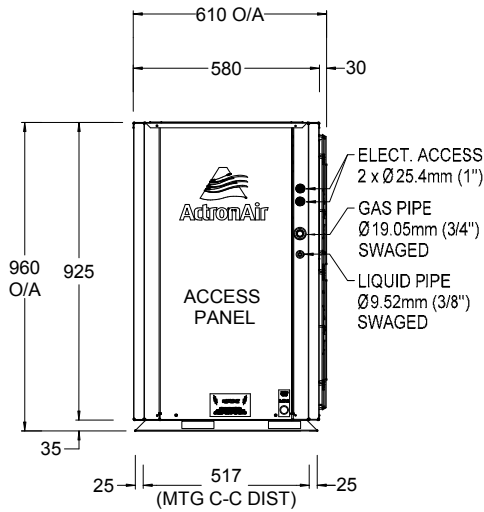
OVERALL NOMINAL DIMENSION (H x W x L)
= 960 x 1320 x 610
USE M12 BOLT FOR FEET MOUNTING

NOTES:

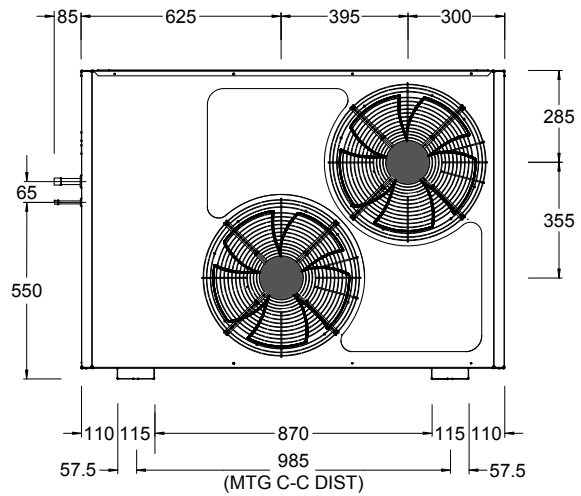
1. All dimensions are in mm unless specified.
2. Do not scale drawing.
3. Additional Full Coil Coat Protection option available on all units.
4. Suggested Service Clearance and Airflow Allowances are based on conditions that the spaces are free from obstructions and walkway passage of 1000mm is available.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



TOP VIEW



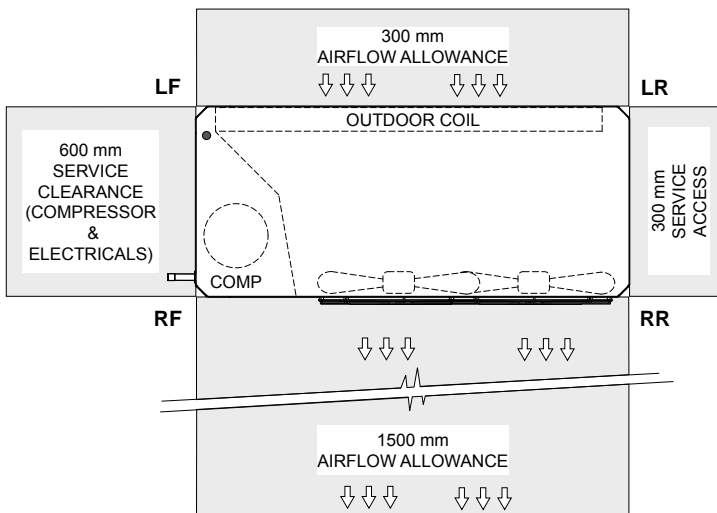
SIDE VIEW



FRONT VIEW

3 Phase
1 Stage
15.27 kW

MINIMUM SERVICE ACCESS CLEARANCES & AIRFLOW SPACE ALLOWANCES



TOP VIEW

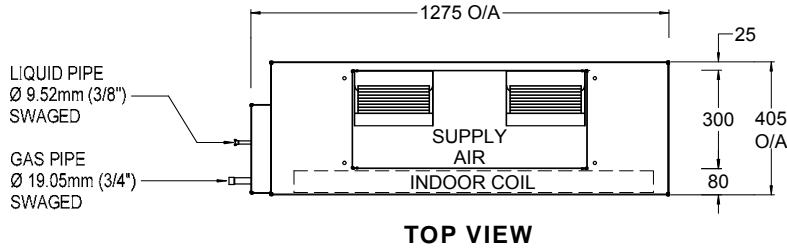
PLEASE NOTE THAT UNDER ALL CIRCUMSTANCES, CONDENSER AIR MUST NOT RECIRCULATE BACK ONTO CONDENSER COIL. KEEP ALL CLEARANCES FREE OF ANY OBSTRUCTIONS

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

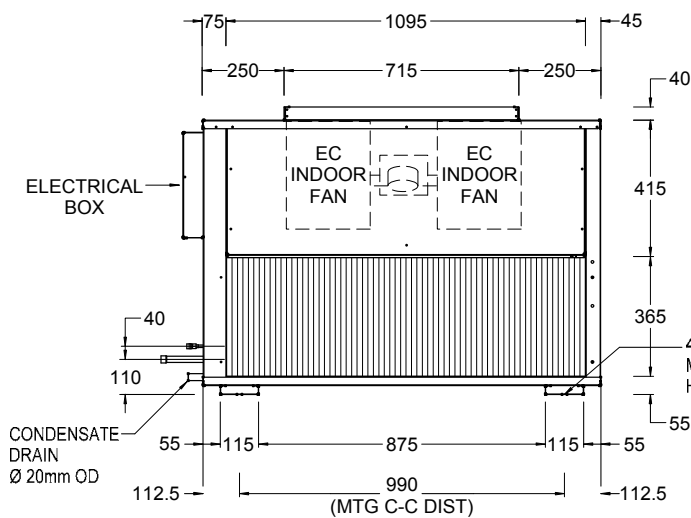


V INDOOR UNIT - UPRIGHT FAN COIL WITH VERTICAL DISCHARGE

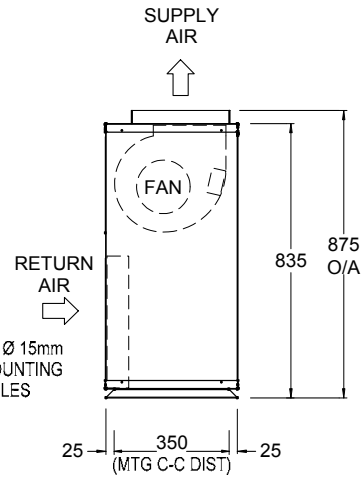
OVERALL NOMINAL DIMENSION (H x W x L)
 = 875 x 1275 x 405
 SUPPLY DUCT (H x W) = 300 x 715
 RETURN DUCT (H x W) = 365 x 1095
 DRAIN CONNECTION = 20mm OD



TOP VIEW

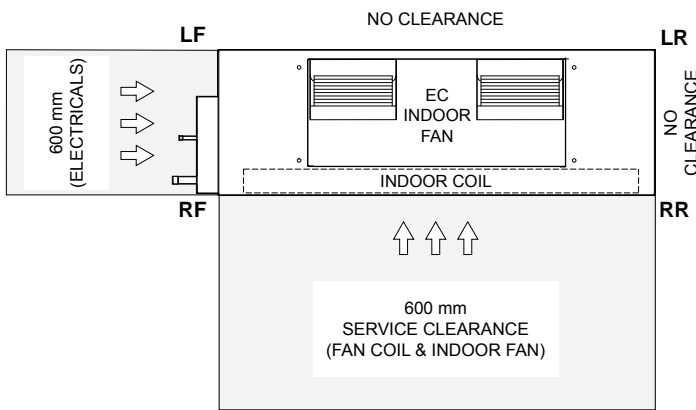


FRONT VIEW



SIDE VIEW

MINIMUM SERVICE ACCESS CLEARANCES & AIRFLOW SPACE ALLOWANCES

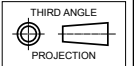


HEIGHT CLEARANCE = DUCT WORK

TOP VIEW

NOTES:

1. All dimensions are in mm unless specified.
2. Do not scale drawing.
3. Refer Fan Curve to corresponding standard SRG151E 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 & LR)	SIDE BY SIDE (DISTANCE BET. LF & RF)
600 mm	1000 mm



15.27 kW
 3 Phase 1 Stage

B INDOOR UNIT - WITH 3RD PARTY CONTROL

AIRFLOW (l/s)	EXTERNAL STATIC PRESSURE (Pa)													
	50		75		100		125		150		175		200	
	% PWM	W	% PWM	W	% PWM	W	% PWM	W	% PWM	W	% PWM	W	% PWM	W
690	64	298	69	341	71	360	77	421	81	467	86	515	90	559
700	65	301	70	344	74	384	78	425	82	472	87	519	91	562
725	69	325	73	365	77	409	81	453	86	499	90	547	96	591
750	72	345	76	389	81	437	85	481	90	530	95	579		
770	74	370	79	411	84	468	88	516	93	560	98	609		
775	75	374	80	417	85	471	89	518	94	564				
800	79	398	84	443	89	495	94	546	98	596				
825	83	426	88	475	93	525	98	582						
850	87	455	92	510	97	566								
875	92	500	97	556										
880	93	507	98	564										

MOTOR / BLOWER LIMIT

3 Phase
1 Stage
15.27 kW

NOTES:

W = Indoor Fan Power, Watts

PWM = Pulse Width Modulation Setting, % PWM

(Adjustable through CPI3-2 Board located in electrical panel).

Factory PWM Setting = 84 % PWM for 100 Pa.

84 - Data in the box indicates Factory Default Setting.

(CPI3-2) RESIDENTIAL PWM INTERFACE BOARD

LED FAN PWM DISPLAY

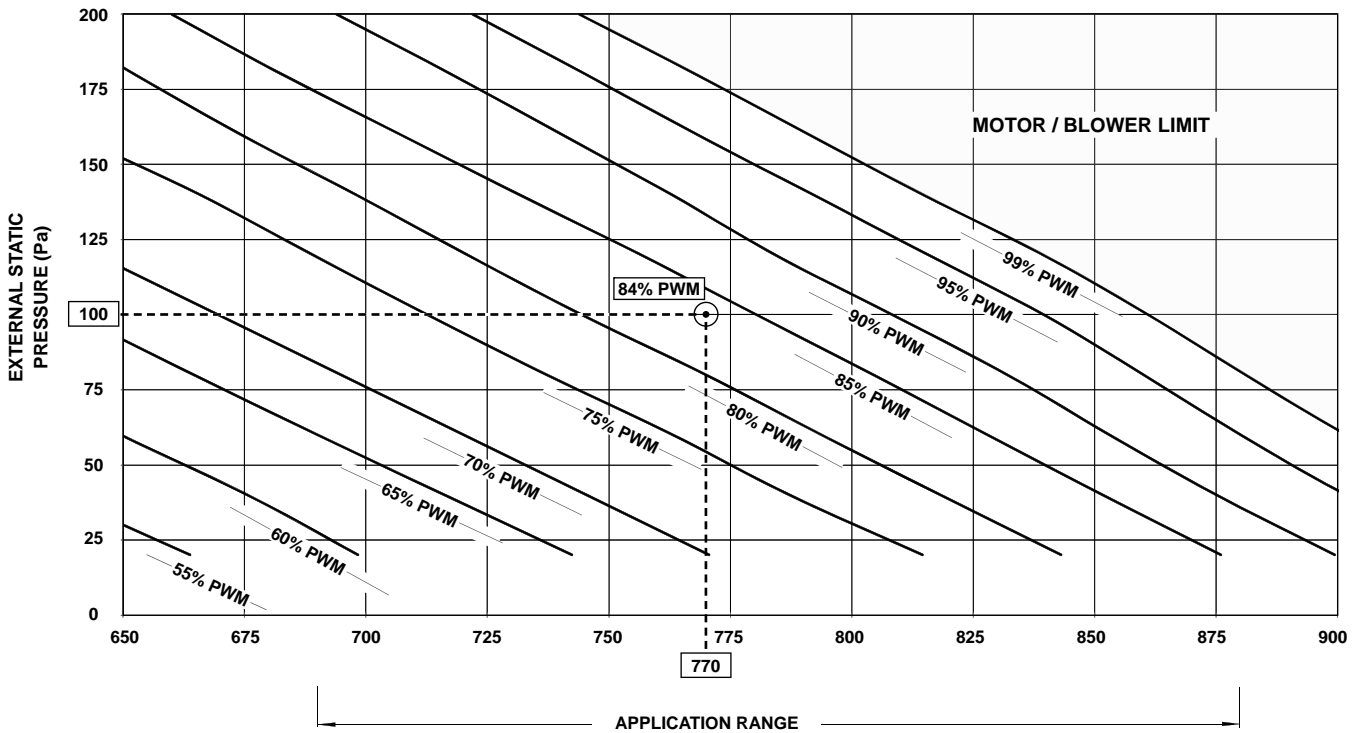
JUMPER PIN SET AS PER TABLE ON RIGHT

PWM ADJUSTMENT (POTENTIOMETER)

JUMPER PIN POSITION	INDOOR FAN
A	SRG091E
B	SRG131E
C	SRG151E
D	SRG171E
E	SRG201E
F	NOT USED

NOTES:

- LED will show PWM without %.
- Example: 84% PWM = 84 in LED.
- LED adjustments are in 1 digit increment.



Nominal Airflow = 770 l/s

AIRFLOW (l/s)

