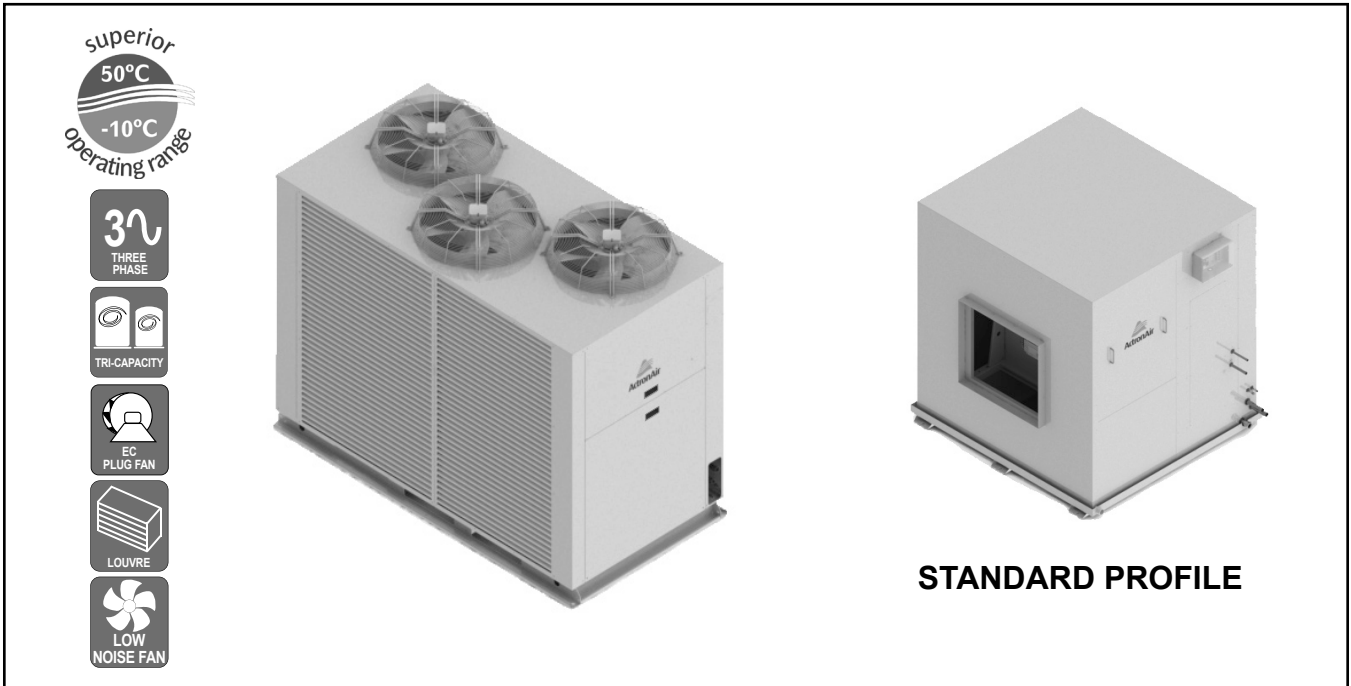


TRI-CAPACITY SPLIT DUCTED UNIT



STANDARD PROFILE

UNIT FEATURES

- Compliant Scroll Compressors
- Tri-Capacity 33% 67% 100% Capacity Stages
- Quad Thermostatic Expansion Valves
- Pre-charged with R-410A Refrigerant
- Two Speed Outdoor Fans
- Blue Hydrophilic Coat Coil Fin Protection - Indoor and Outdoor Coils
- Louvred Outdoor Coil Guard
- External Stainless Steel Screws - Outdoor Unit
- Adaptive Demand Defrost
- EC Variable Speed Backward Curve Plug Fan
- Adjustable Indoor Airflow via Control Interface
- Foil Faced Polyethylene Insulation
- Integrated Condensate Safety Drain Tray

UNIT OPTIONS

- Low Ambient / High Static Outdoor Fans
- ⁽⁹⁾Economy Starter Kit
- Compressor Soft Starters
- Phase Protection
- Additional Full Coil Coat Protection

CONTROL FEATURES

ActronAir CP05 / CP10

- Auto / Cool / Heat / Fan Only Modes
- 7-Day Time Clock with 2 On/Off Events per Day
- 12 Programmable Special Days with 2 On/Off Events per Day
- Daylight Saving Time Function
- Indoor Coil Anti-Freeze Protection
- HP / LP Safety Protection
- Alarm Fault Data Logger
- LCD Screen Displays Operating Status, Mode and Menu Information
- Night Mode Function

CONTROL OPTIONS

ActronAir CL01-2 (BCA Compliant) - Purchased Separately

- Available in White or Grey
- 7-Day Time Clock with 2 On/Off Events per Day

Optional BMS Control - Purchased Separately

- MODBUS 485 / BACNET 485 / BACNET TCP/IP

Optional 3rd Party Control Inputs

UNIT COMPLIANCE

- MEPS 2012
- Demand Response AS4755.3.1:2012
- EMC Compliant
- BCA Compliant with CL01-2 Control Interface

SPECIFICATION SUMMARY

OUTDOOR UNIT MODEL	CAY500T	
INDOOR UNIT MODEL	EVY500T	
	⁽¹⁾ TOTAL	⁽²⁾ NETT
⁽³⁾ COOLING CAPACITY (kW)	50.50	49.10
⁽³⁾ SENSIBLE CAPACITY (kW)	41.66	40.26
⁽⁴⁾ HEATING CAPACITY (kW)	50.60	51.80
⁽⁵⁾ COOLING INPUT POWER (kW)	15.34	
⁽⁵⁾ HEATING INPUT POWER (kW)	15.36	
EER	3.29	3.20
COP	3.29	3.37
⁽⁶⁾ INDOOR AIRFLOW (l/s) - MIN. / NOMINAL / MAX.	2000 / 2600 / 3100	
OUTDOOR SOUND PRESS. LEVEL @ 3M dB(A) - LOW / HIGH	58.0 / 63.0	
OUTDOOR SOUND POWER LEVEL dB(A) - LOW / HIGH	75.0 / 80.0	
POWER SUPPLY - OUTDOOR	400V / 3Ph+N / 50Hz	
POWER SUPPLY - INDOOR	400V / 3Ph+N / 50Hz	
⁽²⁾ RATED LOAD AMPS - OUTDOOR / INDOOR / TOTAL	27.7 / 2.3 / 30.0	
⁽⁷⁾ FULL LOAD AMPS - OUTDOOR / INDOOR / TOTAL	36.4 / 5.3 / 41.7	
⁽⁸⁾ CIRCUIT BREAKER AND CABLE AMPS	50.0	
APPROXIMATE STARTING AMPS	118.0	
WEIGHT (kg) - INDOOR / OUTDOOR	298 / 542	

⁽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.
⁽⁹⁾ Room Air Sensor needs to be relocated by the installer specific to site requirements.

Note: Use input power to estimate running cost.

3 Phase
Tri-Capacity

50.50 kW



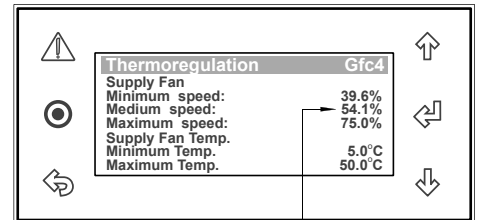
FAN PERFORMANCE DATA

AIRFLOW (l/s)	EXTERNAL STATIC PRESSURE (Pa)																			
	50		100		150		200		250		300		350		400		450		500	
	% Spd.	W	% Spd.	W	% Spd.	W	% Spd.	W	% Spd.	W	% Spd.	W	% Spd.	W	% Spd.	W	% Spd.	W	% Spd.	W
2000	39.6	525	43.7	685	47.1	842	50.3	1007	53.3	1173	56.2	1350	58.9	1533	61.6	1709	64.4	1885	67.2	2060
2100	41.7	588	45.5	744	48.7	909	51.8	1080	54.8	1253	57.5	1436	60.1	1613	62.9	1792	65.7	1970	68.5	2148
2200	43.8	649	47.2	812	50.4	983	53.4	1158	56.2	1335	58.9	1524	61.5	1698	64.3	1880	67.5	2082	70.9	2295
2300	45.8	714	48.8	875	51.9	1052	55.0	1236	57.6	1422	60.3	1613	63.0	1789	65.9	1976	69.2	2185	72.6	2399
2400	47.5	780	50.5	947	53.6	1134	56.5	1327	59.1	1516	61.8	1699	64.5	1875	67.7	2079	71.1	2295	74.4	2504
2500	49.3	849	52.3	1033	55.3	1220	58.0	1419	60.6	1606	63.4	1786	66.3	1972	69.6	2184	72.4	2410		
2600	51.1	931	54.1	1114	56.8	1305	59.5	1509	62.3	1693	65.0	1865	68.3	2095	71.3	2319	74.1	2546		
2700	53.1	997	55.8	1202	58.4	1400	61.1	1597	63.9	1789	67.0	2007	70.2	2235	73.0	2454				
/2800	54.9	1105	57.4	1295	59.9	1485	62.8	1692	65.8	1904	69.0	2121	72.0	2352	74.8	2581				
2900	56.6	1198	59.1	1388	61.9	1591	64.7	1790	67.8	2011	70.9	2242								
3000	58.2	1285	61.0	1492	63.8	1699	66.8	1922	69.9	2153	72.9	2386								
3100	60.2	1394	63.0	1604	65.9	1819	68.9	2034	71.9	2268	74.8	2504								

NOTES:

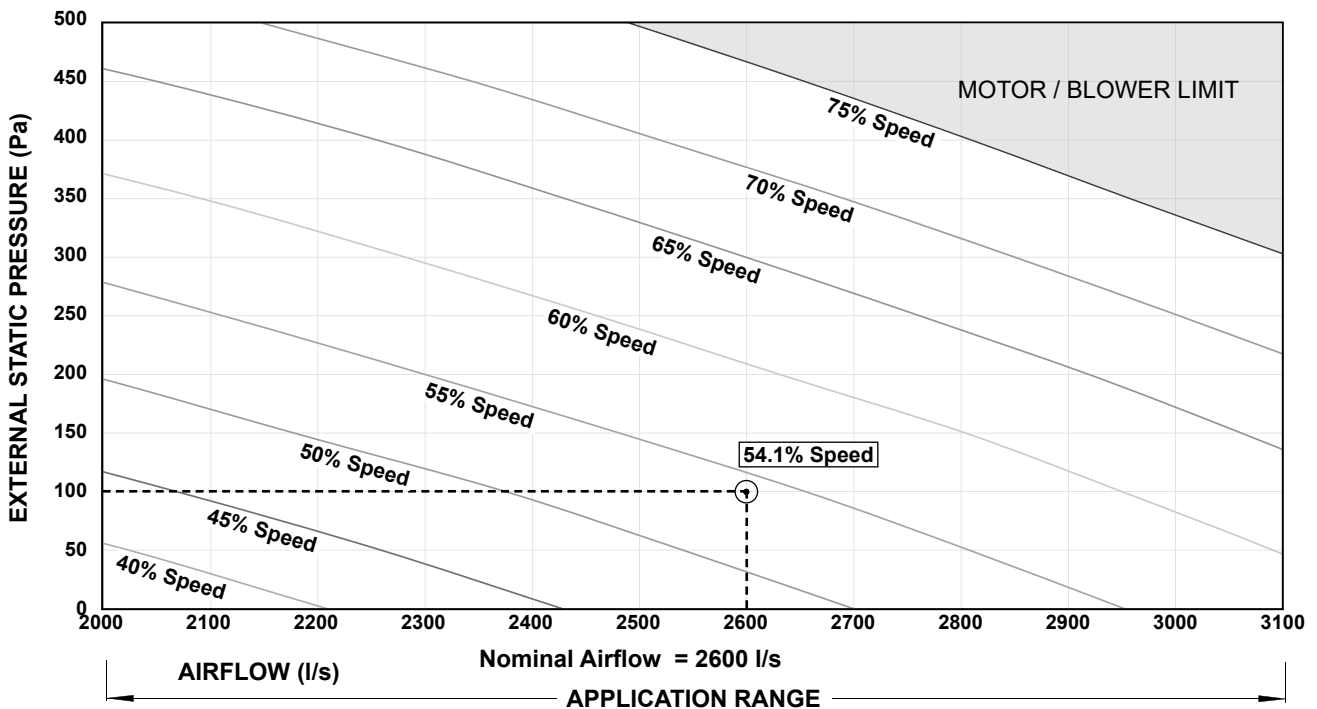
- % Speed = Indoor Fan Speed Control Setting, in percent
(Value is set on the Control Interface via Service Menu *).
- W = Indoor Fan Power, Watts
- Data in the box indicates Factory Default Setting.

*Service → Service Settings → Thermoregulation → Thermoregulation Gfc4



3 Phase
Tri-Capacity
50.50 kW

INDOOR UNIT FAN CURVE



NOTE:

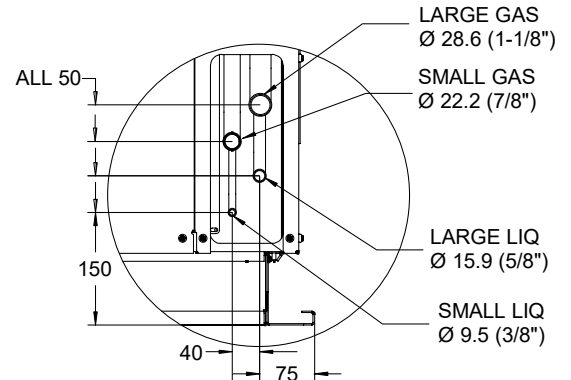
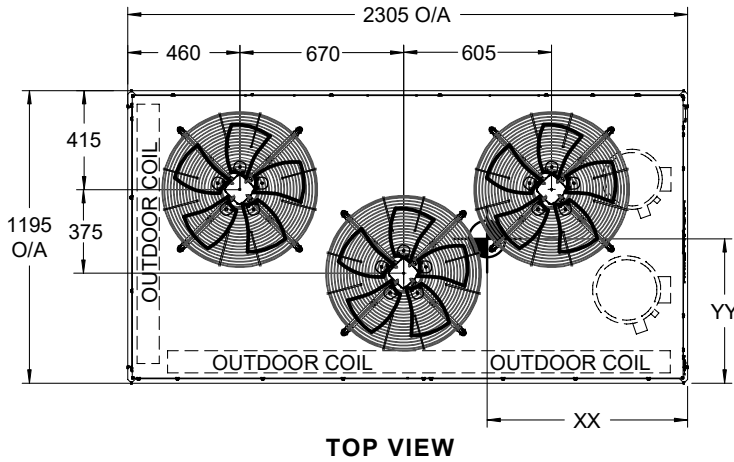
Fan Performance Data and Fan Curve shown is at dry coil and with no air filters installed. Consider external static pressure drop specific to your design requirements. Airflow should be reduce with respect to the moisture content in the air. Please review filter manufacturer for application. 2.5 m/s face velocity point will occur outside the application range.



OUTDOOR UNIT DIMENSIONS

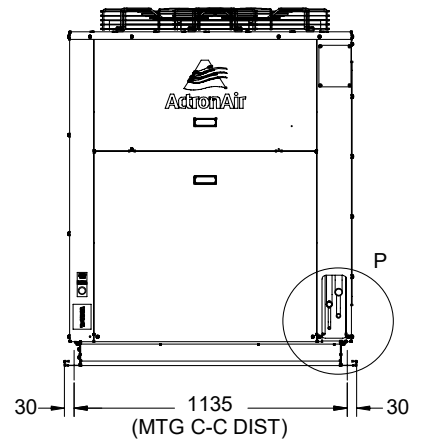
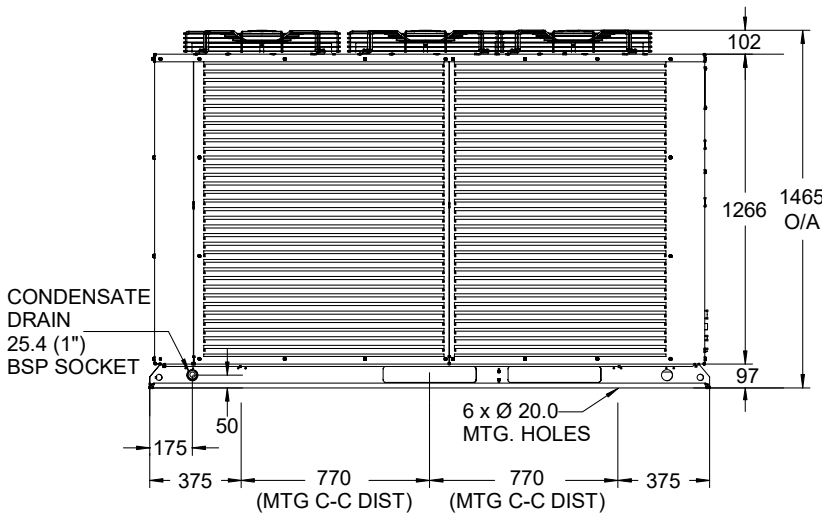
CAY500T

OVERALL NOMINAL DIMENSION (H x W x D)
= 1465 x 2305 x 1195



TOP VIEW

DETAIL P

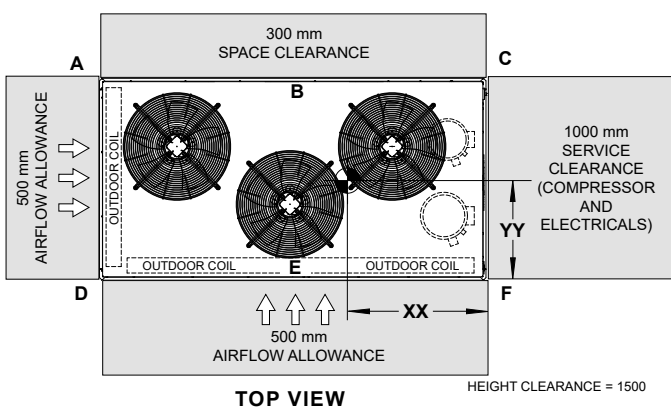


SIDE VIEW

FRONT VIEW

UNIT MODEL NUMBER	UNIT WEIGHT	CORNER WEIGHTS (kg)						CENTRE OF GRAVITY	
		A	B	C	D	E	F	XX	YY
CAY500T	542	64	61	113	88	88	128	931	569

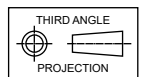
SERVICE ACCESS AREAS AND AIRFLOW ALLOWANCES



TOP VIEW

HEIGHT CLEARANCE = 1500

NOTES:



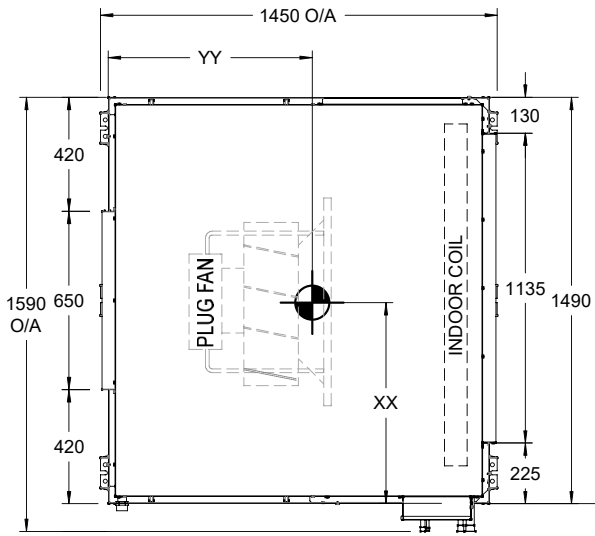
- Do not scale drawing. All dimensions are in mm unless otherwise specified. Refer to corresponding unit dimensional drawing for mounting hole details.
- Service Access Areas and Spaces for Airflow Clearances are suggested minimum based on the condition that the spaces around the units are free from any obstructions and a walkway passage of 1000 mm between the units or between the unit and the outside perimeter is available.
- 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.
- Under all circumstances, condenser air must not recirculate back onto condenser coil. Keep all clearance free of any obstruction.
- STACKING OF UNITS: Ensure that minimum airflow and clearances are met.
- Refer to Pipe Connection Details on Specifications Sheet.
- MTG C-C DIST = Mounting Centre to Centre Distance.
- Use M12 bolt for feet mounting.



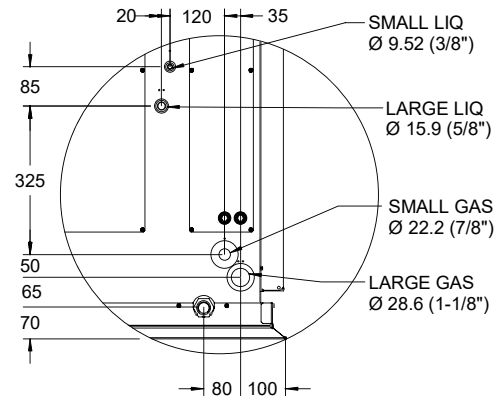
INDOOR UNIT DIMENSIONS

EVY500T

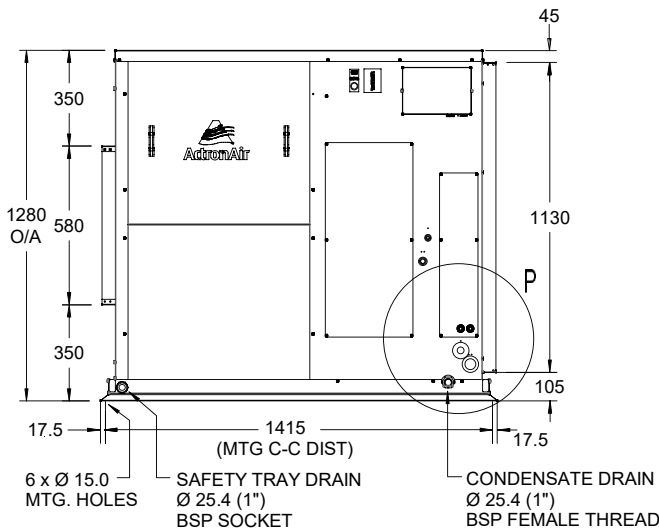
DIMENSION (H x W x D) = 1280 x 1590 x 1450
 SUPPLY DUCT (H x W) = 580 x 650
 RETURN DUCT = 1130 x 1135



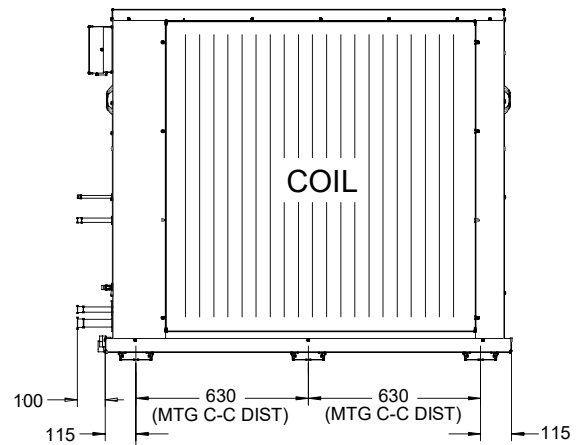
TOP VIEW



DETAIL P



FRONT VIEW



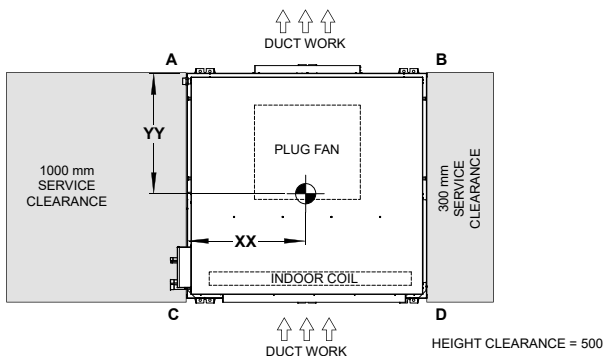
SIDE VIEW

UNIT MODEL NUMBER	UNIT WEIGHT	CORNER WEIGHTS (kg)				CENTRE OF GRAVITY	
		A	B	C	D	XX	YY
EVY500T	298	68	68	81	81	730	771

3 Phase
Tri-Capacity

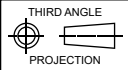
50.50 kW

SERVICE ACCESS AREAS AND AIRFLOW ALLOWANCES



TOP VIEW

NOTES:



- Do not scale drawing. All dimensions are in mm unless otherwise specified. Refer to corresponding unit dimensional drawing for mounting hole details.
- Service Access Areas and Spaces for Airflow Clearances are suggested minimum based on the condition that the spaces around the units are free from any obstructions and a walkway passage of 1000 mm between the units or between the unit and the outside perimeter is available.
- 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.



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	75.0	82.9	74.4	70.9	68.6	64.9	59.3	54.3
High	80.0	87.9	78.3	75.4	74.2	69.5	63.0	58.0

Indoor Outlet

Sound Power Level (SWL)

Airflow Setting	Airflow l/s	Sound Power Level dB(A)	Octave Band Centre Frequency (Hz), dB						
			125	250	500	1k	2k	4k	8k
Minimum	2000	70.4	69.8	67.3	70.0	64.8	57.7	59.9	45.1
Nominal	2600	78.6	79.3	77.3	75.1	73.5	71.2	68.0	53.3
Maximum	3100	83.5	85.3	83.5	80.2	77.3	75.9	73.6	57.6

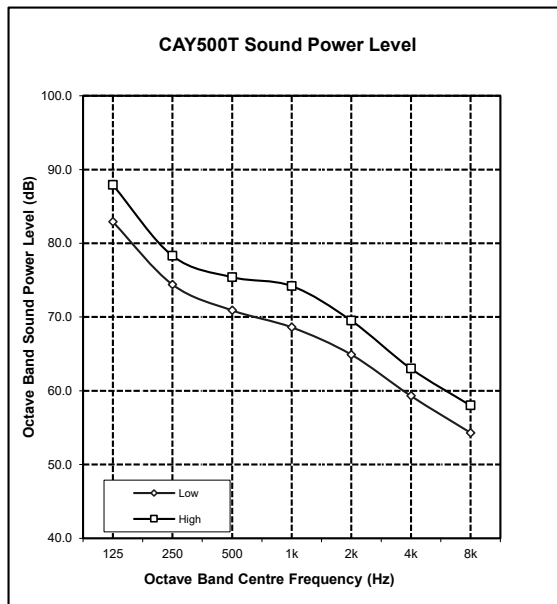
Indoor Inlet + Radiated

Sound Power Level (SWL)

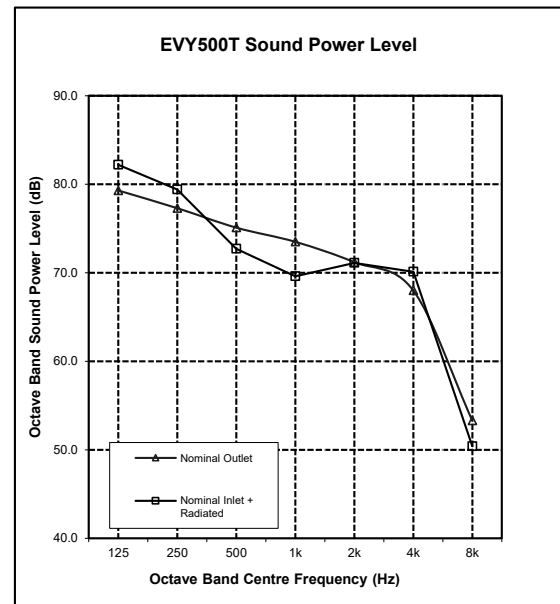
Airflow Setting	Airflow l/s	Sound Power Level dB(A)	Octave Band Centre Frequency (Hz), dB						
			125	250	500	1k	2k	4k	8k
Minimum	2000	70.2	80.0	69.2	66.9	60.2	59.7	62.4	42.1
Nominal	2600	78.1	82.2	79.4	72.7	69.6	71.1	70.1	50.4
Maximum	3100	82.1	82.2	82.8	77.8	73.3	74.7	75.4	53.9

50.50 kW
3 Phase
Tri-Capacity

OUTDOOR RADIATED



INDOOR NOMINAL OUTLET / INLET + RADIATED



NOTES:

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



SPECIFICATIONS

CAY500T / EVY500T

CONSTRUCTION		
CABINET (INDOOR UNIT)	Base	1.1 - 1.6 mm Galvanised Steel
	Top and Side	1.1 mm Galvanised Steel
CABINET (OUTDOOR UNIT)	Base	1.1 - 2.4 mm Galvanised Steel
	Top and Side	0.9 - 1.1 mm Galvanised Steel
SURFACE FINISH (Outdoor Unit)		65 µ Baked Polyester Powder Coat

INSULATION	
INDOOR UNIT	Foil Faced Polyethylene
OUTDOOR UNIT	Foil Faced Polyethylene

ELECTRICAL	
OUTDOOR UNIT	
Power Supply - 50 Hz	400 Volts x 3 Phase + Neutral
Voltage Range (min - max)	376V - 440V
Full Load Amps*	36.4
Rated Load Amps**	27.7
Approximate Starting Amps	118.0
IP Rating	IP44

INDOOR UNIT	
Power Supply - 50 Hz	400 Volts x 3 Phase + Neutral
Voltage Range (min - max)	376V - 440V
Full Load Amps*	5.3
IP Rating	IP20

OUTDOOR AND INDOOR UNIT (TOTAL)	
Full Load Amps* - Phase 1	41.7
Full Load Amps* - Phase 2 and 3	41.7 and 41.7
Rated Load Amps**	30.0

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 AND CIRCUIT BREAKER SIZE	
Suggested minimum cable size should be used as a guide only, refer to the accordance with the latest edition of the AS/NZS 3000 "Australian/New Zealand Wiring Rules" for more details.	
Cable Size (main line)	10.0 mm ² (SUGGESTED MINIMUM)
Cable Size (indoor to outdoor wire)	1.5 mm ² (SUGGESTED MINIMUM)
Circuit Breaker Size - Amps	50.0

OUTDOOR COIL	
TUBE TYPE	Copper - Rifle Bore
FIN TYPE	Aluminium - Wave
FACE AREA (m sq) - Coil 1 and 2	1.25 and 2.36
FIN SPACING (per m)	472 and 472
COIL COATING	Blue Hydrophilic Coat Coil Fin Protection

OUTDOOR FAN	
NUMBER OF FANS x TYPE	3 x Axial Low Noise
NUMBER OF BLADES PER FAN	5
INPUT kW / FULL LOAD AMPS	0.34 / 1.95 each fan
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 20 Pa of external static resistance.	

INDOOR COIL	
TUBE TYPE	Copper - Rifle Bore
FIN TYPE	Aluminium - Louvre
FACE ARE (m sq)	1.38 (interlaced)
FIN SPACING (per m)	472
COIL COATING	Blue Hydrophilic Coat Coil Fin Protection

INDOOR FAN	
NUMBER OF FANS x TYPE	1 x Backward Curve Plug Fan
INPUT kW / FULL LOAD AMPS	1.40 / 5.3
MOTOR TYPE / DRIVE TYPE	Variable Speed EC Motor / Direct Drive

COMPRESSOR	
NUMBER PER UNIT x TYPE	2 x Scroll (Hermetic)
FULL LOAD AMPS - (Comp. 1 and 2)	10.1 and 20.5
LOCKED ROTOR AMPS - (Comp. 1 and 2)	64.0 and 118.0
STARTING METHOD	D.O.L. (optional soft starter)

REFRIGERATION SYSTEM	
REFRIGERANT TYPE	R-410A
EXPANSION CONTROL	TXV (Thermostatic Valve) x 4
FACTORY CHARGE - Circuit 1 and 2	8,250 grams and 14,010 grams
PRE-CHARGE LENGTH (metres)	5.0
ADDITIONAL REF. CHARGE (Crt. 1 and 2)	50.0 g/m and 165.0 g/m

INTERCONNECTING PIPE RUN	
MAX PIPE LENGTH (metres)	75.0
MAX. VERTICAL LENGTH (metres)	20 (Included in Max. Pipe Length)
FIELD PIPE SIZES	
Liquid Pipe - (Crt. 1 and 2)	9.52 mm (3/8") and 15.9 mm (5/8")
Gas Pipe - (Crt. 1 and 2)	22.22 mm (7/8") and 28.6 mm (1-1/8")

PIPE CONNECTIONS (Factory Swaged)		
Indoor - (Crt. 1 and 2)	Liquid Pipe	9.52 mm (3/8") and 15.9 mm (5/8")
	Gas Pipe	22.22 mm (7/8") and 28.6 mm (1-1/8")
Outdoor	Liquid Pipe	9.52 mm (3/8") and 15.9 mm (5/8")
	Gas Pipe	22.22 mm (7/8") and 28.6 mm (1-1/8")
CONNECTION TYPE		Solder

FILTER DRIER	
CONNECTION SIZE AND TYPE (Drier 1)	9.52 mm (3/8") ODF - Soldered
CONNECTION SIZE AND TYPE (Drier 2)	15.9 mm (5/8") ODF - Soldered
FACTORY SUPPLIED / FITTED	Yes
See Installation Section for complete Filter Drier specifications.	

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	Full Electronic Monitoring
OUTDOOR FAN OVERLOAD	Internal Thermal Cut-Out
SUMP HEATER WATTS - (Comp. 1 and 2)	30W and 50W

ELECTRIC CONTROLS	
DEFROST METHOD	Reverse Cycle
DEFROST TYPE	Adaptive Demand Defrost
CONTROL CIRCUIT BREAKER	16.0 Amps
OPTIONAL THIRD PARTY BMS / CONTROLLER INPUTS	MODBUS 485 BACNET 485 BACNET TCP/IP 0-10VDC / 24VAC Third Party Input

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

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

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



WIRING DIAGRAM

CAY500T

50.50 kW
3 Phase
Tri-Capacity

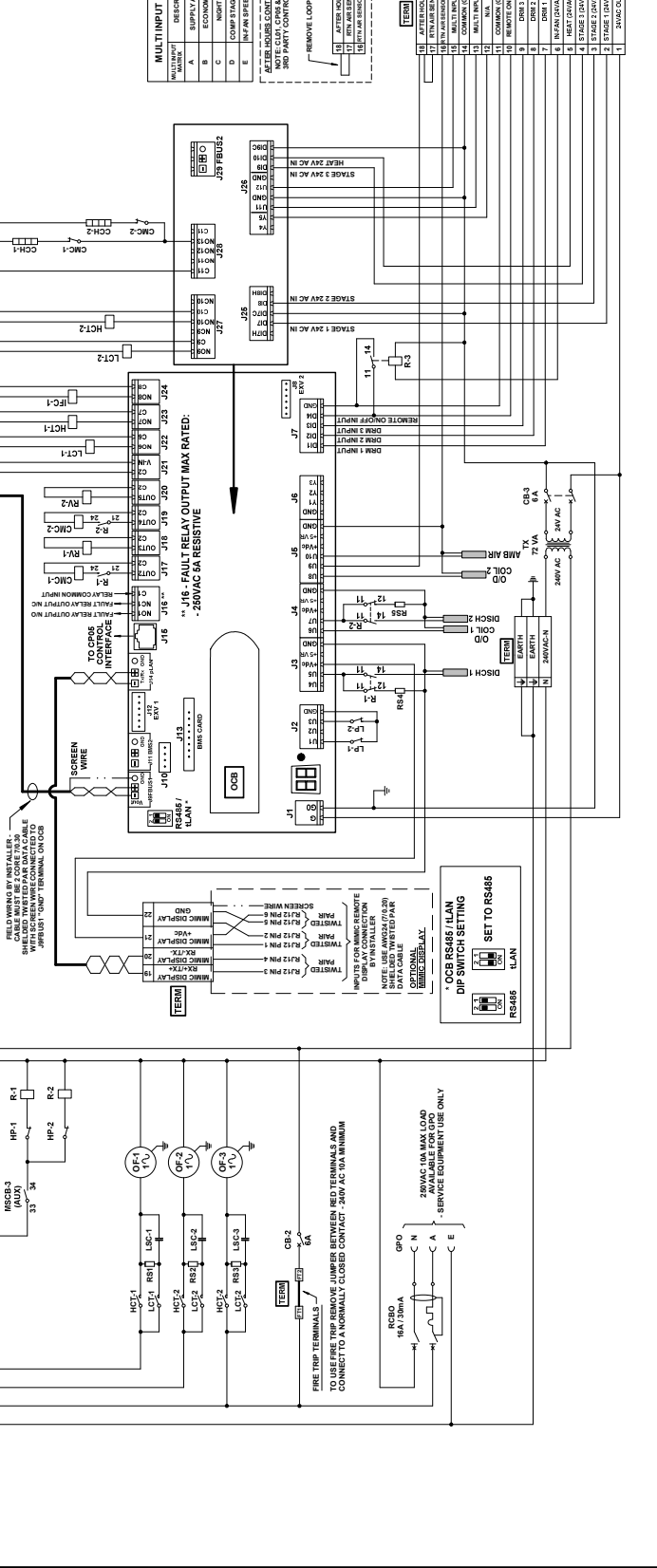
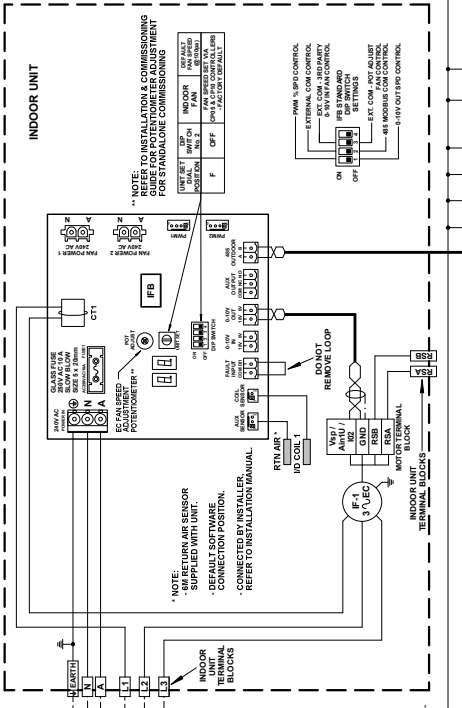
LEGEND

AH-PB	AFTER HOURS PUSH BUTTON
CB	CIRCUIT BREAKER
CCH	CRANKCASE HEATER
CM	COMPRESSOR MOTOR
CMC	COMPRESSOR MOTOR CONTACTOR
GPO	GENERAL PURPOSE OUTLET
HCT	HIGH SPEED FAN CONTACTOR
HP	HIGH PRESSURE SWITCH
IF	INDOOR FAN MOTOR
IFB	INDOOR FAN CONTROL BOARD
IFC	INDOOR FAN CONTACTOR
LCT	LOW SPEED FAN CONTACTOR
LSC	LOW SPEED CAPACITOR
MSCB	MOTOR START CIRCUIT BREAKER / OL
OCB	OUTDOOR CONTROL BOARD
OF	OUTDOOR FAN MOTOR
R	RELAY
RS	RESISTOR
RV	REVERSING VALVE
RCBO	RESIDUAL CURRENT CIRCUIT BREAKER / OL
TERM	TERMINAL BLOCK
TX	TRANSFORMER

FINAL COMMISSIONING FAN SETPOINT VOLTAGE

Date: _____

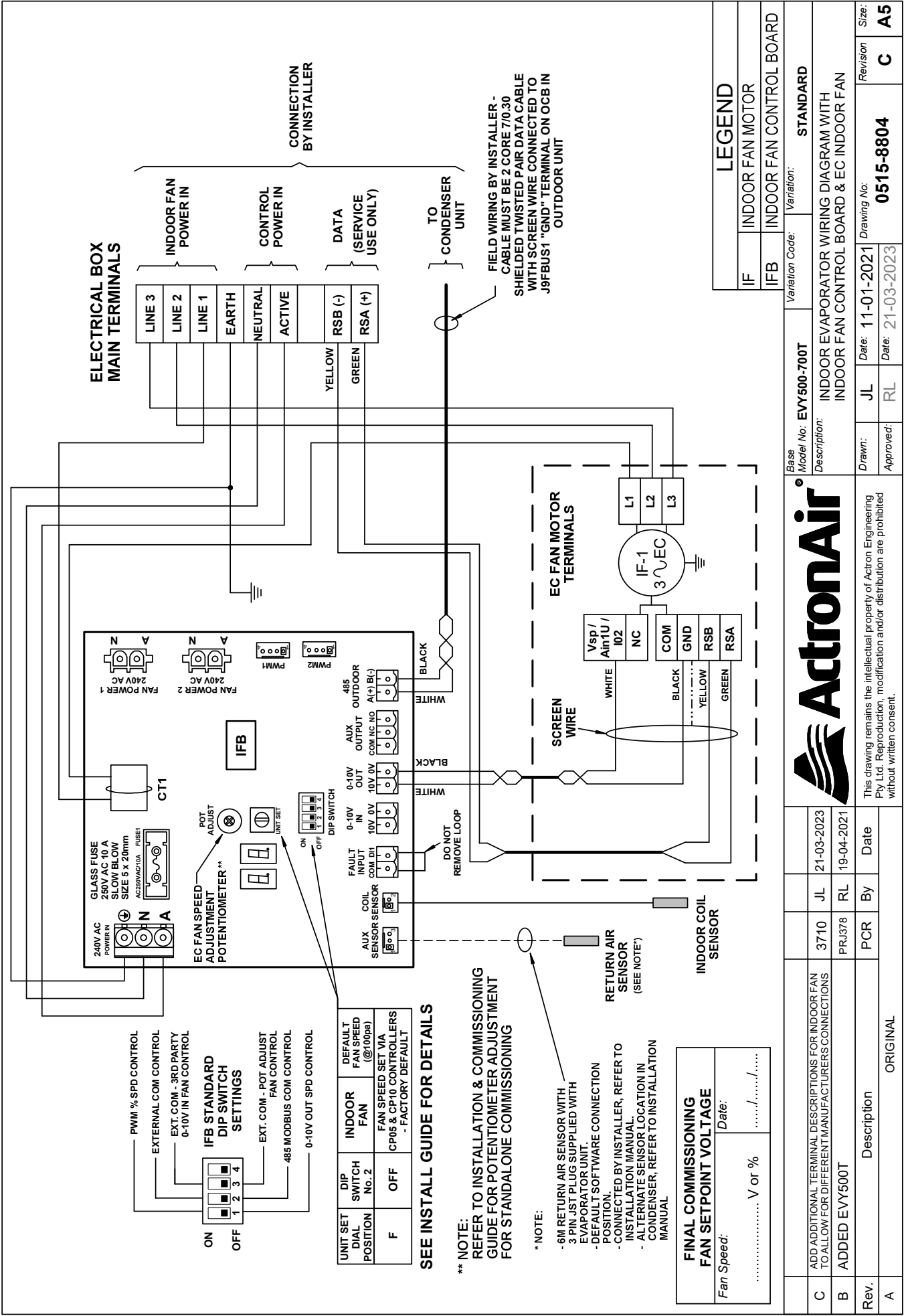
Fan Speed: V or %



Base Model No:	CAY500T	Variation Code:	STANDARD
Description:	CM100 TRI-CAPACITY CONTROL SYSTEM WITH CIB01 INDOOR FAN CONTROL BOARD WIRING DIAGRAM	Drawn:	JL
Drawn:	JL	Date:	05-02-2021
Approved:	RL	Date:	15-03-2023
Revision:	B	Revision:	A3
Size:	A3	Size:	A3
Original	Original	Original	Original

WIRING DIAGRAM

EVY500T



ELECTRICAL BOX MAIN TERMINALS

- INDOOR FAN POWER IN
- CONTROL POWER IN
- DATA (SERVICE USE ONLY)
- TO CONDENSER UNIT

LEGEND	
IF	INDOOR FAN MOTOR
IFB	INDOOR FAN CONTROL BOARD

Base Model No:	EVY500-700T	Variation Code:	STANDARD
Description:	INDOOR EVAPORATOR WIRING DIAGRAM WITH INDOOR FAN CONTROL BOARD & EC INDOOR FAN		
Drawn:	JL	Date:	11-01-2021
Approved:	RL	Date:	21-03-2023
Revision	C	Drawing No:	0515-8804
Size:	A5		



This drawing remains the intellectual property of Actron Engineering Pty Ltd. Reproduction, modification and/or distribution are prohibited without written consent.

3 Phase
Tri-Capacity
50.50 kW

- PWM % SPD CONTROL
- EXTERNAL COM CONTROL
- EXT. COM - 3RD PARTY 0-10V IN FAN CONTROL
- IFB STANDARD DIP SWITCH SETTINGS
- EXT. COM - POT ADJUST FAN CONTROL
- 485 MODBUS COM CONTROL
- 0-10V OUT SPD CONTROL

UNIT SET DIAL POSITION	DIP SWITCH No. 2	INDOOR FAN	DEFAULT FAN SPEED (@100pph)
F	OFF	FAN SPEED SET VIA CP05 & CP10 CONTROLLERS - FACTORY DEFAULT	

SEE INSTALL GUIDE FOR DETAILS

** NOTE: REFER TO INSTALLATION & COMMISSIONING GUIDE FOR POTENTIOMETER ADJUSTMENT FOR STANDALONE COMMISSIONING

- * NOTE:
 - 6M RETURN AIR SENSOR WITH 3 PIN JST PLUG SUPPLIED WITH EVAPORATOR UNIT.
 - DEFAULT SOFTWARE CONNECTION POSITION.
 - CONNECTED BY INSTALLER, REFER TO INSTALLATION MANUAL.
 - ALTERNATE SENSOR LOCATION IN CONDENSER, REFER TO INSTALLATION MANUAL

FINAL COMMISSIONING FAN SETPOINT VOLTAGE

Fan Speed: V or %
Date:/...../.....

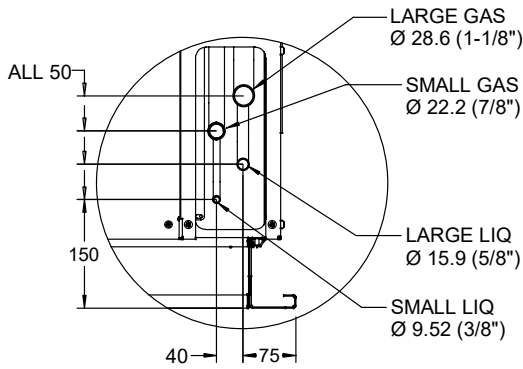
Rev.	Description	By	Date
C	ADD ADDITIONAL TERMINAL DESCRIPTIONS FOR INDOOR FAN TO ALLOW FOR DIFFERENT MANUFACTURERS CONNECTIONS	JL	21-03-2023
B	ADDED EVY500T	PCR	19-04-2021
A	ORIGINAL		

OUTDOOR UNIT VARIATION

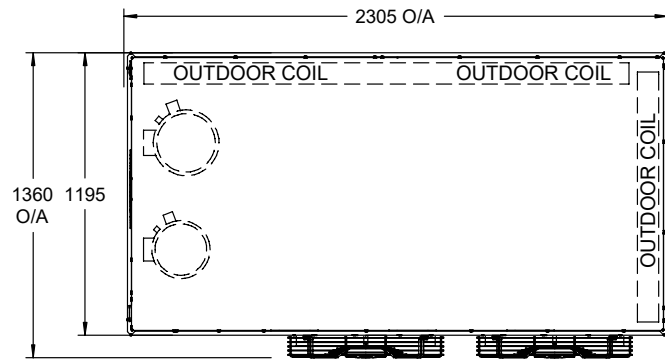
CAY500T-SV

SV SIDE DISCHARGE ELECTRONICALLY COMMUTATED FAN

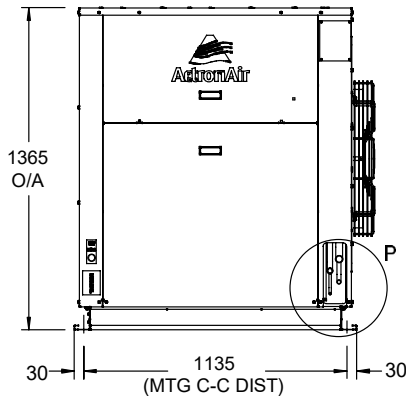
OVERALL NOMINAL DIMENSION (H x W x D)
= 1365 x 2305 x 1360



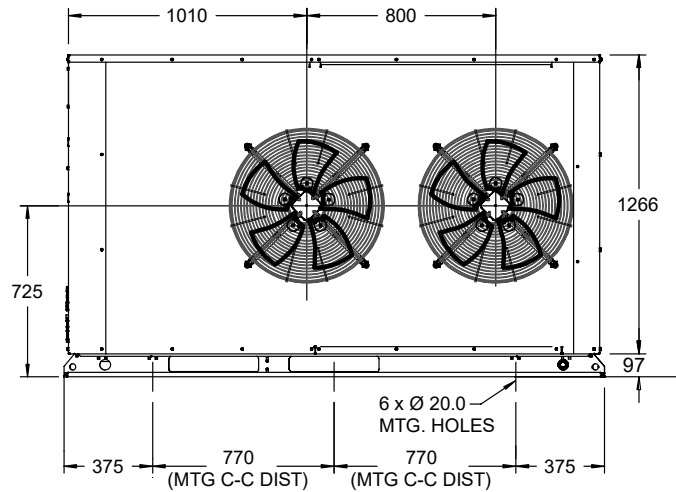
DETAIL P



TOP VIEW



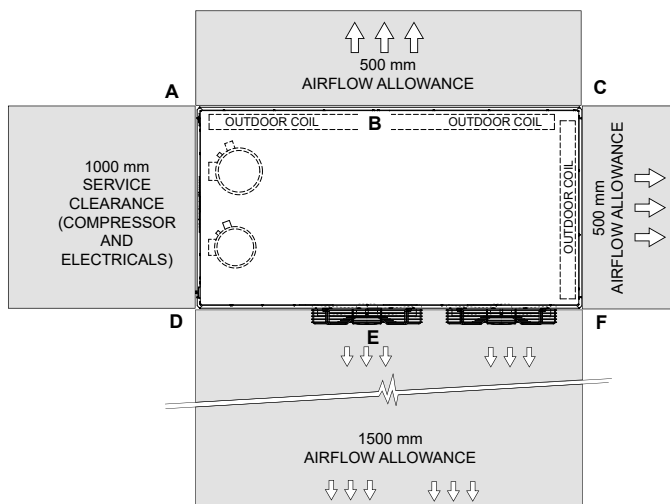
FRONT VIEW



SIDE VIEW

50.50 kW
3 Phase
Tri-Capacity

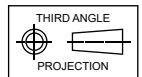
SERVICE ACCESS AREAS AND AIRFLOW ALLOWANCES



TOP VIEW

HEIGHT CLEARANCE = 600

NOTES:



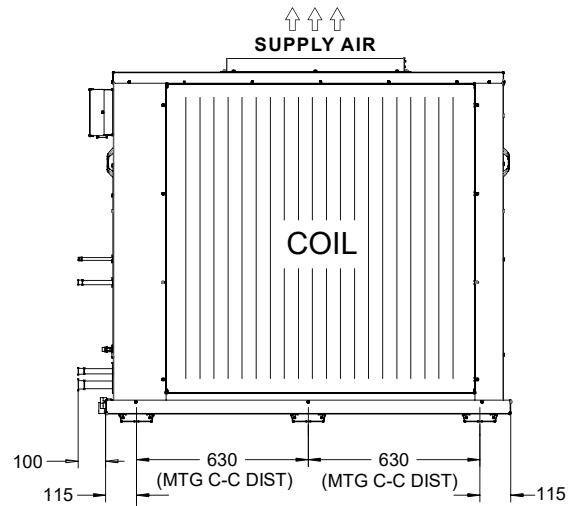
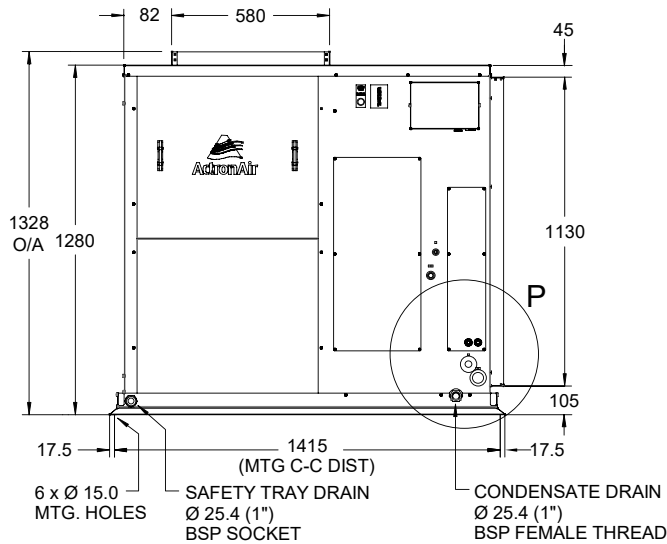
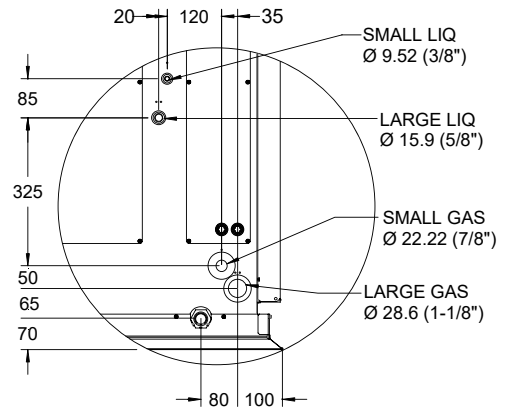
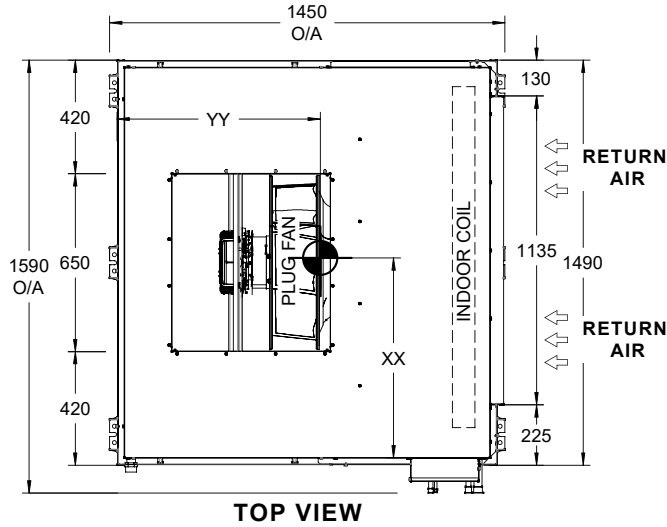
- Do not scale drawing. All dimensions are in mm unless otherwise specified. Refer to corresponding unit dimensional drawing for mounting hole details.
- Service Access Areas and Spaces for Airflow Clearances are suggested minimum based on the condition that the spaces around the units are free from any obstructions and a walkway passage of 1000 mm between the units or between the unit and the outside perimeter is available.
- 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.
- Under all circumstances, condenser air must not recirculate back onto condenser coil. Keep all clearance free of any obstruction.
- STACKING OF UNITS: Ensure that minimum airflow and clearances are met.
- Refer to Pipe Connection Details on Specifications Sheet.
- MTG C-C DIST = Mounting Centre to Centre Distance.
- Use M12 bolt for feet mounting.

INDOOR UNIT VARIATION

EVY500T-TV

TV TOP DISCHARGE ELECTRONICALLY COMMUTATED FAN

DIMENSION (H x W x D) = 1328 x 1590 x 1450
 SUPPLY DUCT (H x W) = 580 x 650
 RETURN DUCT = 1130 x 1135

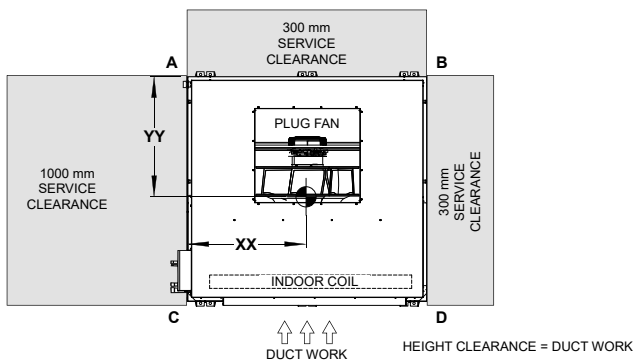


SIDE VIEW

REAR VIEW

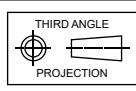
UNIT MODEL NUMBER	UNIT WEIGHT	CORNER WEIGHTS (kg)				CENTRE OF GRAVITY	
		A	B	C	D	XX	YY
EVY500T-TV	298	68	68	81	81	730	771

SERVICE ACCESS AREAS AND AIRFLOW ALLOWANCES



TOP VIEW

NOTES:



- Do not scale drawing. All dimensions are in mm unless otherwise specified. Refer to corresponding unit dimensional drawing for mounting hole details.
- Service Access Areas and Spaces for Airflow Clearances are suggested minimum based on the condition that the spaces around the units are free from any obstructions and a walkway passage of 1000 mm between the units or between the unit and the outside perimeter is available.
- 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.

3 Phase
 Tri-Capacity
 50.50 kW