WALL HUNG SPLIT SYSTEM



























- Reverse Cycle Wall Hung Split System
- · Mono & Multi Compatible Heads
- Rotary Compressor
- · Superior Operating Range:
 - · Cooling: up to 60°C DB
 - Heating: down to -25°C DB
- Adjustable Airflow
- · 3D Multi-Directional Airflow
 - Up/Down Auto SwingLeft/Right Auto Swing
- Louvre Position Memory
- · Fan Speed: Auto, Low, Medium and High
- · Powder Coated Panels Outdoor Unit
- · Hydrophilic Indoor and Outdoor Coil Protection
- Self-Diagnosis and Auto Protection
- Fire Proof Electrical Box Indoor and Outdoor Units
- · Dehumidification Mode
- · Super Ionizer Technology
- Intitutive Proximity Sensor
- R-32 low GWP Refrigerant

UNIT OPTION

· Left or Right Hand Drain Connection

CONTROL FEATURES

- · Digital Display
- Auto Restart After Power Failure
- Timer ON/OFF Operation
- Remote ON/OFF Input
 Manual ON/OFF Operation
- 12-speed Indoor Fan 5-speed Outdoor Fan
- Sleep Mode
- Boost Mode
- · Quiet Operation
- Dry Mode Operation
- · Demand Response Ready 1W Standby Power Consumption
 Auto Defrost Function
- Follow Me Function
- · Mute Operation
- Self Clean Function
- · Fault Alarm Output

UNIT COMPLIANCE

- AS/NZS 3823.2 (MEPS)
- AS/NZS 4755.3.1 (DRM 1, 2 and 3)
- AS/NZS CISPR 1A.1 (EMC)
 AS/NZS 60335.1 (ELECTRICAL APPLIANCE SAFETY)
- AS/NZS 60335.2.40 (ELECTRICAL APPLIANCE SAFETY AIR CONDITIONERS)

SPECIFICATION SUMMARY

OUTDOOR UNIT MODEL			
NETT	OUTDOOR UNIT MODEL	WRC-072CS	
(1)(2) COOLING CAPACITY (kW) - NOMINAL (MIN - MAX) 7.20 (2.95 - 9.00) (1) (3) HEATING CAPACITY (kW) - NOMINAL (MIN - MAX) 8.00 (3.50 - 9.50) (1) (4) COOLING INPUT POWER (kW) 1.90 (1) (4) HEATING INPUT POWER (kW) 2.05 (1)(2) EER 3.79 (1)(3) COP 3.90 (5) INDOOR AIRFLOW (I/s) - LOW/MED/HIGH/BOOST 190/230/320 / 370 MOISTURE REMOVAL (I/hr) 2.3 INDOOR SOUND PRESS. LEVEL dB(A) 32 / 36 / 42 / 47 OUTDOOR SOUND PRESS. LEVEL @ 1M dB(A) 60 (6) OUTDOOR SOUND POWER LEVEL @ 1M dB(A) 69 POWER SUPPLY 220 - 240V / 1Ph + N / 50 Hz INDOOR UNIT WIRING METHOD Hard wire to Outdoor (7) RATED LOAD AMPS - COOLING / HEATING 8.5 / 9.0 (8) CIRCUIT BREAKER AND CABLE AMPS 16.0 WEIGHT (kg) - INDOOR / OUTDOOR OUTDOOR OPERATING RANGE (°C)	INDOOR UNIT MODEL	WRE-072CS	
(1)(2) COOLING CAPACITY (kW) - NOMINAL (MIN - MAX) 7.20 (2.95 - 9.00) (1) (3) HEATING CAPACITY (kW) - NOMINAL (MIN - MAX) 8.00 (3.50 - 9.50) (1) (4) COOLING INPUT POWER (kW) 1.90 (1) (4) HEATING INPUT POWER (kW) 2.05 (1)(2) EER 3.79 (1)(3) COP 3.90 (5) INDOOR AIRFLOW (I/s) - LOW/MED/HIGH/BOOST 190/230/320 / 370 MOISTURE REMOVAL (I/hr) 2.3 INDOOR SOUND PRESS. LEVEL dB(A) 32 / 36 / 42 / 47 OUTDOOR SOUND PRESS. LEVEL @ 1M dB(A) 60 (6) OUTDOOR SOUND POWER LEVEL @ 1M dB(A) 69 POWER SUPPLY 220 - 240V / 1Ph + N / 50 Hz INDOOR UNIT WIRING METHOD Hard wire to Outdoor (7) RATED LOAD AMPS - COOLING / HEATING 8.5 / 9.0 (8) CIRCUIT BREAKER AND CABLE AMPS 16.0 WEIGHT (kg) - INDOOR / OUTDOOR OUTDOOR OPERATING RANGE (°C)			
(1) (3) HEATING CAPACITY (kW) - NOMINAL (MIN - MAX) (1) (4) COOLING INPUT POWER (kW) (1) (4) HEATING INPUT POWER (kW) (1) (4) HEATING INPUT POWER (kW) (1) (5) EER (1) (6) COP (1) (6) INDOOR AIRFLOW (I/s) - LOW/MED/HIGH/BOOST (1) INDOOR SOUND PRESS. LEVEL dB(A) (1) - SILENT/LOW/MED/HIGH (1) OUTDOOR SOUND PRESS. LEVEL @ 1M dB(A) (1) OUTDOOR SOUND POWER LEVEL dB(A) (2) POWER SUPPLY (2) C20 - 240V / 1Ph+N / 50 Hz (3) INDOOR UNIT WIRING METHOD (4) RATED LOAD AMPS - COOLING / HEATING (5) FULL LOAD AMPS (6) CIRCUIT BREAKER AND CABLE AMPS (6) COOLING (7) FULL LOAD OPERATING RANGE (°C) (COOLING		NETT	
(1) (4) COOLING INPUT POWER (kW) (1) (4) HEATING INPUT POWER (kW) (1) (5) EER (1) (5) EER (1) (6) INDOOR AIRFLOW (I/s) - LOW/MED/HIGH/BOOST (1) INDOOR SOUND PRESS. LEVEL dB(A) - SILENT/LOW/MED/HIGH OUTDOOR SOUND PRESS. LEVEL @ 1M dB(A) (6) OUTDOOR SOUND POWER LEVEL dB(A) POWER SUPPLY INDOOR SUPPLY INDOOR UNIT WIRING METHOD Hard wire to Outdoor (1) RATED LOAD AMPS - COOLING / HEATING (3) CIRCUIT BREAKER AND CABLE AMPS (4) COOLING (5) CIRCUIT BREAKER AND CABLE AMPS (6) CUTDOOR OPERATING RANGE (°C) (7) COOLING (7) COOLING (8) CIRCUIT BREAKER ANGE (°C) (COOLING (9) COOLING (10) COOLING (11) COOLING (12) COOLING (13) COOLING (14) COOLING (15) To 60	(1)(2) COOLING CAPACITY (kW) - NOMIN	7.20 (2.95 - 9.00)	
(1)(4) HEATING INPUT POWER (kW) (1)(2) EER (1)(3) COP (3) 10 (6) INDOOR AIRFLOW (I/s) - LOW/MED/HIGH/BOOST MOISTURE REMOVAL (I/hr) INDOOR SOUND PRESS. LEVEL dB(A) - SILENT/LOW/MED/HIGH OUTDOOR SOUND PRESS. LEVEL @ 1M dB(A) (6) OUTDOOR SOUND POWER LEVEL dB(A) POWER SUPPLY INDOOR UNIT WIRING METHOD (7) FULL LOAD AMPS - COOLING / HEATING (8) CIRCUIT BREAKER AND CABLE AMPS OUTDOOR OPERATING RANGE (°C) (10) A 3.79 3.79 3.79 3.90 3.90 3.90 3.90 3.90 42/47 2.3 32 / 36 / 42 / 47 2.3 60 60 41 / 42 / 47 42 / 47 42 / 47 43 / 47 44 / 47 45 / 47 46 / 47 47 48 / 48 / 48 / 48 / 48 / 48 / 48 / 48	(1) (3) HEATING CAPACITY (kW) - NOMINA	AL (MIN - MAX)	8.00 (3.50 - 9.50)
(1)(2) EER 3.79 (1)(3) COP 3.90 (5) INDOOR AIRFLOW (I/s) - LOW/MED/HIGH/BOOST 190/230/320 / 370 MOISTURE REMOVAL (I/hr) 2.3 INDOOR SOUND PRESS. LEVEL dB(A) 32 / 36 / 42 / 47 OUTDOOR SOUND PRESS. LEVEL @ 1M dB(A) 60 (6) OUTDOOR SOUND POWER LEVEL dB(A) 69 POWER SUPPLY 220 - 240V / 1Ph+N / 50 Hz INDOOR UNIT WIRING METHOD Hard wire to Outdoor (7) RATED LOAD AMPS - COOLING / HEATING 8.5 / 9.0 (8) CIRCUIT BREAKER AND CABLE AMPS 16.0 WEIGHT (kg) - INDOOR / OUTDOOR 19.7 / 43.3 OUTDOOR OPERATING RANGE (°C)	(1) (4) COOLING INPUT POWER (kW)		1.90
(9) INDOOR AIRFLOW (I/s) - LOW/MED/HIGH/BOOST 190/230/320 / 370 MOISTURE REMOVAL (I/hr) 2.3 INDOOR SOUND PRESS. LEVEL dB(A) 32 / 36 / 42 / 47 OUTDOOR SOUND PRESS. LEVEL @ 1M dB(A) 60 (9) OUTDOOR SOUND POWER LEVEL dB(A) 69 POWER SUPPLY 220 - 240V / 1Ph + N / 50 Hz INDOOR UNIT WIRING METHOD Hard wire to Outdoor (9) RATED LOAD AMPS - COOLING / HEATING 8.5 / 9.0 (9) CIRCUIT BREAKER AND CABLE AMPS 16.0 WEIGHT (kg) - INDOOR / OUTDOOR 19.7 / 43.3 OUTDOOR OPERATING RANGE (°C)	(1) (4) HEATING INPUT POWER (kW)		2.05
(6) INDOOR AIRFLOW (I/s) - LOW/MED/HIGH/BOOST 190/230/320 / 370 MOISTURE REMOVAL (I/hr) 2.3 INDOOR SOUND PRESS. LEVEL dB(A) 32 / 36 / 42 / 47 OUTDOOR SOUND PRESS. LEVEL @ 1M dB(A) 60 (6) OUTDOOR SOUND POWER LEVEL dB(A) 69 POWER SUPPLY 220 - 240V / 1Ph + N / 50 Hz INDOOR UNIT WIRING METHOD Hard wire to Outdoor (1) RATED LOAD AMPS - COOLING / HEATING 8.5 / 9.0 (2) FULL LOAD AMPS 14.0 (3) CIRCUIT BREAKER AND CABLE AMPS 16.0 WEIGHT (kg) - INDOOR / OUTDOOR 19.7 / 43.3 OUTDOOR OPERATING RANGE (°C)	(1)(2) EER		3.79
MOISTURE REMOVAL (I/hr) 2.3	(1)(3) COP		3.90
INDOOR SOUND PRESS. LEVEL dB(A)	(5) INDOOR AIRFLOW (I/s) - LOW/MED/H	HIGH/BOOST	190/230/320/370
- SILENT/LOW/MED/HIGH OUTDOOR SOUND PRESS. LEVEL @ 1M dB(A) (®) OUTDOOR SOUND POWER LEVEL dB(A) POWER SUPPLY INDOOR UNIT WIRING METHOD (") RATED LOAD AMPS - COOLING / HEATING (") FULL LOAD AMPS (") CIRCUIT BREAKER AND CABLE AMPS WEIGHT (kg) - INDOOR / OUTDOOR OUTDOOR OPERATING RANGE ("C) 32 / 36 / 42 / 47 69 220 - 240 / 1Ph+N / 50 Hz 14.0 8.5 / 9.0 (") FULL LOAD AMPS 14.0 (") CIRCUIT BREAKER AND CABLE AMPS 16.0 OUTDOOR OPERATING RANGE ("C)	MOISTURE REMOVAL (I/hr)		2.3
(6) OUTDOOR SOUND POWER LEVEL dB(A) 69 POWER SUPPLY 220 - 240V / 1Ph+N / 50 Hz INDOOR UNIT WIRING METHOD Hard wire to Outdoor (7) RATED LOAD AMPS - COOLING / HEATING 8.5 / 9.0 (7) FULL LOAD AMPS 14.0 (8) CIRCUIT BREAKER AND CABLE AMPS 16.0 WEIGHT (kg) - INDOOR / OUTDOOR 19.7 / 43.3 OUTDOOR OPERATING RANGE (°C)			32 / 36 / 42 / 47
POWER SUPPLY 220 - 240V / 1Ph+N / 50 Hz INDOOR UNIT WIRING METHOD Hard wire to Outdoor (1) RATED LOAD AMPS - COOLING / HEATING 8.5 / 9.0 (7) FULL LOAD AMPS 14.0 (8) CIRCUIT BREAKER AND CABLE AMPS 16.0 WEIGHT (kg) - INDOOR / OUTDOOR 19.7 / 43.3 OUTDOOR OPERATING RANGE (°C) COOLING	OUTDOOR SOUND PRESS. LEVEL @	1M dB(A)	60
INDOOR UNIT WIRING METHOD	(6) OUTDOOR SOUND POWER LEVEL of	IB(A)	69
(1) RATED LOAD AMPS - COOLING / HEATING 8.5 / 9.0 (7) FULL LOAD AMPS 14.0 (8) CIRCUIT BREAKER AND CABLE AMPS 16.0 WEIGHT (kg) - INDOOR / OUTDOOR 19.7 / 43.3 OUTDOOR OPERATING RANGE (°C) COOLING -15 to 60	POWER SUPPLY		220 - 240V / 1Ph+N / 50 Hz
(*) FULL LOAD AMPS 14.0 (*) CIRCUIT BREAKER AND CABLE AMPS 16.0 WEIGHT (kg) - INDOOR / OUTDOOR 19.7 / 43.3 OUTDOOR OPERATING RANGE (°C) COOLING -15 to 60	INDOOR UNIT WIRING METHOD		Hard wire to Outdoor
(6) CIRCUIT BREAKER AND CABLE AMPS 16.0 WEIGHT (kg) - INDOOR / OUTDOOR 19.7 / 43.3 OUTDOOR OPERATING RANGE (°C) COOLING -15 to 60	(1) RATED LOAD AMPS - COOLING / HE	8.5 / 9.0	
WEIGHT (kg) - INDOOR / OUTDOOR 19.7 / 43.3 OUTDOOR OPERATING RANGE (°C) COOLING -15 to 60	⁽⁷⁾ FULL LOAD AMPS	14.0	
OUTDOOR OPERATING RANGE (°C) COOLING -15 to 60	(8) CIRCUIT BREAKER AND CABLE AMP	16.0	
OUTDOOR OPERATING RANGE (°C)	WEIGHT (kg) - INDOOR / OUTDOOR	19.7 / 43.3	
HEATING -25 to 30	OUTDOOD ODEDATING DANIOF (90)	COOLING	-15 to 60
	OUTDOOK OPERATING RANGE (*C)	HEATING	-25 to 30

- (1) Measured and tested in accordance with AS/NZS 3823.1.1.
- (a) At 20°C DB / 10°C WB entering air temperatures and 35°C ambient.
 (b) At 20°C DB entering air temperature and 7°C DB / 6°C WB ambient.
- (4) input power includes indoor fan kW.

Note: Use input power to estimate running cost.

- Max. Min. airflow application range.
- (6) Determination of Sound Power Levels of Noise Sources per AS1217.2.
- 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.



COOLING PER	COOLING PERFORMANCE																
OUTDOOR		INDOOR CONDITIONS (°C - DB)															
TEMPERATURE	WB _° C		17	7.0			18	3.0		19.0			22.0				
(DB)	DB _° C	24.0	25.0	27.0	29.0	24.0	25.0	27.0	29.0	24.0	25.0	27.0	29.0	24.0	25.0	27.0	29.0
	Nett Capacity, kW	7.99	7.99	7.99	8.07	8.22	8.22	8.22	8.22	8.45	8.45	8.45	8.45	9.08	9.08	9.08	9.08
18°C	Sensible Capacity, kW	5.75	6.15	6.95	7.75	5.26	5.67	6.41	7.23	4.82	5.15	5.91	6.76	3.54	4.00	4.72	5.54
	Power Input, kW	1.37	1.37	1.37	1.37	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.35	1.35	1.35	1.35
	Nett Capacity, kW	7.50	7.50	7.59	7.67	7.70	7.70	7.70	7.79	7.93	7.93	7.93	7.93	8.53	8.53	8.53	8.53
25°C	Sensible Capacity, kW	5.47	5.92	6.75	7.52	5.01	5.39	6.16	7.01	4.52	4.92	5.71	6.50	3.33	3.75	4.52	5.29
	Power Input, kW	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58
	Nett Capacity, kW	7.13	7.13	7.18	7.27	7.36	7.36	7.36	7.44	7.59	7.59	7.59	7.59	8.16	8.16	8.16	8.16
30°C	Sensible Capacity, kW	5.34	5.70	6.54	7.27	4.85	5.22	6.03	6.85	4.40	4.78	5.54	6.37	3.18	3.59	4.32	5.14
	Power Input, kW	1.72	1.72	1.72	1.72	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73	1.73
	Nett Capacity, kW	6.78	6.78	6.84	6.90	7.01	7.01	7.01	7.07	7.21	7.21	7.20	7.20	7.79	7.79	7.79	7.79
35°C	Sensible Capacity, kW	5.15	5.56	6.36	6.90	4.70	5.12	5.89	6.64	4.26	4.62	5.47	6.19	3.04	3.43	4.20	4.98
	Power Input, kW	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.90	1.90	1.90	1.90	1.91	1.91	1.91	1.91
	Nett Capacity, kW	6.34	6.34	6.40	6.46	6.56	6.56	6.58	6.64	6.76	6.76	6.82	6.78	7.30	7.30	7.30	7.30
40°C	Sensible Capacity, kW	5.01	5.39	6.21	6.46	4.52	4.92	5.73	6.57	4.05	4.46	5.32	6.04	2.85	3.21	4.02	6.57
	Power Input, kW	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.10	2.10	2.10	2.10	2.11	2.11	2.11	2.11
	Nett Capacity, kW	5.87	5.87	5.93	5.99	6.07	6.07	6.13	6.19	6.27	6.27	6.27	6.27	6.79	6.79	6.79	6.79
46°C	Sensible Capacity, kW	4.70	5.11	5.87	5.99	4.25	4.68	5.46	6.19	3.83	4.20	4.96	5.77	2.65	3.05	3.80	6.24
	Power Input, kW	2.32	2.32	2.32	2.32	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.35	2.35	2.35	2.35
	Nett Capacity, kW	4.45	4.51	4.56	4.62	4.62	4.62	4.68	4.73	4.79	4.79	4.85	4.90	5.22	5.22	5.22	5.22
60°C	Sensible Capacity, kW	4.07	4.46	4.56	4.62	3.65	4.02	4.68	4.73	3.16	3.55	4.36	4.90	2.04	2.45	3.18	5.06
	Power Input, kW	3.10	3.10	3.10	3.10	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.13	3.13	3.13	3.13

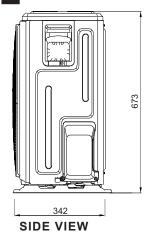
HEATING PERI	FORMANCE										
INDOOR		OUTDOOR TEMPERATURE									
CONDITIONS		-15°C D -16°C W	-7°C D -8°C W	-5°C D -6°C W	0°C D -1°C W	4°C D 3°C W	7°C D 6°C W	12°C D 11°C W	24°C D 18°C W		
45°0 DD	Nett Capacity, kW	3.14	5.69	6.27	6.94	7.39	8.96	9.86	8.27		
15°C - DB	Power Input, kW	1.15	1.88	1.65	2.03	2.27	2.25	2.48	2.07		
40°C DD	Nett Capacity, kW	2.99	5.44	5.99	6.63	7.06	8.56	9.42	7.89		
18°C - DB	Power Input, kW	1.11	1.81	1.59	1.95	2.19	2.17	2.39	1.99		
20°C - DB	Nett Capacity, kW	2.80	5.08	5.60	6.19	6.59	8.00	8.80	7.38		
20 C - DB	Power Input, kW	1.05	1.71	1.50	1.85	2.07	2.05	2.26	1.89		
22°C - DB	Nett Capacity, kW	2.72	4.93	5.43	6.01	6.40	7.76	8.54	7.16		
22°C - DB	Power Input, kW	1.07	1.74	1.54	1.88	2.11	2.09	2.30	1.93		
27°C - DB	Nett Capacity, kW	2.44	4.42	4.87	5.39	5.74	6.96	7.66	6.42		
21 C - DB	Power Input, kW	1.08	1.75	1.54	1.89	2.12	2.09	2.31	1.93		

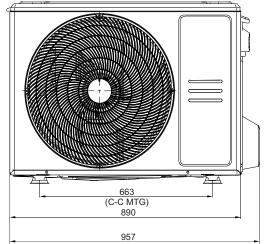
PIPE LENGTH CORRE									
* * *				PIPE LENGTH (m)					
#5		COOLING		5	10	20	30		
		Indoor Unit	30				0.845		
			20			0.903	0.858		
		Higher Than Outdoor Unit*	10		0.985	0.916	0.871		
NI TO THE REAL PROPERTY.	H = Height	Outdoor Offic	5	0.995	0.995	0.926	0.880		
	Difference		0	1.000	1.000	0.930	0.884		
	(m)	In deep Link	-5	1.000	1.000	0.930	0.884		
		Indoor Unit Lower Than	-10		1.000	0.930	0.884		
	Outdoor Unit**	-20			0.930	0.884			
	Outdoor Offic	-30				0.884			
	HEATING			PIPE LENGTH (m)					
		HEATING		5	10	20	30		
		Indoor Unit	30				0.970		
		Higher Than	20			0.982	0.970		
		Outdoor Unit*	10		1.000	0.982	0.970		
	H = Height	Outdoor Offic	5	1.000	1.000	0.982	0.970		
Difference		0	1.000	1.000	0.972	0.953			
	(m) Indoor Unit Lower Than Outdoor Unit**	Indoor Unit	-5	0.992	0.992	0.974	0.962		
		-10		0.984	0.966	0.955			
		-20			0.959	0.947			
		Outdoor Offic	-30				0.939		

C OUTDOOR UNIT: WRC-072CS

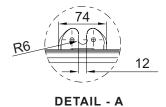
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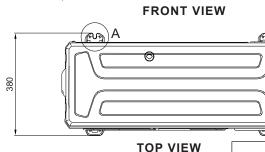
SIDE VIEW





NOMINAL DIMENSION (H x W x D) = 673 x 890 x 342

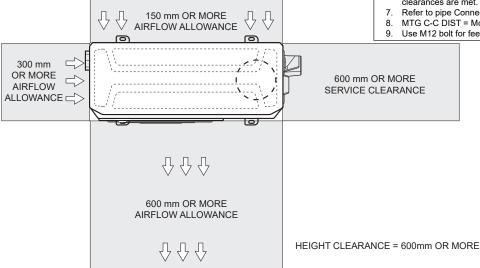






- Do not scale drawing. All dimensions are in mm unless specified. Refer to corresponding unit dimensional drawing for mounting hole details.
- Service Access Areas and Spaces for Airflow Clearances given above are suggested minimum based on the condition that the spaces around the units are free from any obstructions and a walkway passage of 1000 mm 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.
- Under all circumstances, condenser air must not recirculate back onto condenser coil. Keep all clearance free of any obstructions.
- Maximum External Static of Outdoor Fans is 5 Pa
- 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.

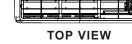
SERVICE ACCESS AREAS & AIRFLOW ALLOWANCES

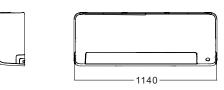


ActronAir

LHS VIEW





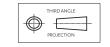


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FRONT VIEW

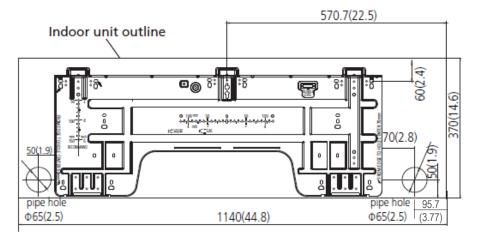
RHS VIEW



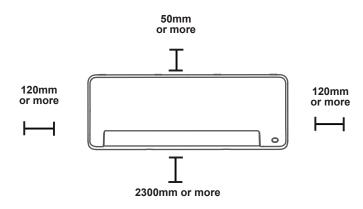


- 1. Do not scale drawing. All dimensions are in mm unless specified. Refer
- to corresponding unit dimensional drawing for mounting hole details. Service Access Areas and Spaces for Airflow Clearances given are suggested minimum based on the condition that the spaces around the units are free from any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

MOUNTING DETAILS



MOUNTING CLEARANCES





UNIT DIMENSIONS	<u> </u>				
	Depth	342 mm			
OUTDOOR DIMENSIONS	Height	673 mm			
DIVILITOIOITO	Width	890 mm			
INDOOR DIMENSIONS	Depth	297 mm			
	Height	370 mm			
	Width	1140 mm			
ELECTRICAL					
POWER SUPPLY 220 - 240 Volts / 1 Ph + N / 50Hz					
WIRING METHOD		Hard wire to outdoor			
FULL LOAD AMPS*	Total	14.0			
FULL LOAD AMPS	Indoor	0.40			
RATED LOAD AMPS**	Cooling	8.5			
RATED LOAD AIVIFS	Heating	9.0			
IP RATING	Outdoor	IP24			
IP RATING	Indoor	IP20			
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/NZS3823.1.1.					
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 (Supply Mains)	2.5 mm ² (SUGGESTED MINIMUM)
Cable Size (Indoor to Outdoor Wire)	1.5 mm ² (3 Core + Earth)
Circuit Breaker Size	16.0Amps
OUTDOOR COIL	
TUBE TYPE	Copper Ø7mm, inner groove tube
FIN TYPE	Hydrophylic Aluminium
FACE AREA	0.55 m ²
FIN SPACING	1.3 mm
ROWS	2
OUTDOOR FAN	

OUTDOOR FAN	
NUMBER OF FANS x TYPE	1 x Axial
INPUT (W)	340
FAN SPEED (rpm) - Hi / Lo	800/550
AIRFLOW (I/s)	970

INDOOR COIL	
TUBE TYPE	Copper Ø7mm, inner groove tube
FIN TYPE	Hydrophylic Aluminium
FACE AREA	0.33 m ²
FIN SPACING	1.3 mm
ROWS	3

INDOOR FAN	
NUMBER OF FANS x TYPE	1 x Cross- flow fan
INPUT (W)	58
AIRFLOW - Boost/High/Med/Low	370/320/230/190 (I/s)

AIR FILTERS

Air filters are supplied standard and pre-fitted.

COMPRESSOR					
NUMBER PER UNIT x TYPE	1 x Rotary Compressor				
STARTING METHOD	DC Inverter Starter				
INPUT (W)	2045				
REFRIGERANT OIL (TYPE/CHARGE)	ESTER OIL VG74 / 620ml				
PROTECTION	External Thermal Cut-Out				

REFRIGERATION SYSTEM	
REFRIGERANT TYPE	R-32
FACTORY CHARGE	1500 g
PRE-CHARGE LENGTH	15 m
MINIMUM ROOM AREA (@ 2.3 INSTALLED HEIGHT)	1.303 m ²
ADD'L. REFRIGERANT CHARGE	24 g/m
DESIGN PRESSURE (High/Low)	4.3/1.7 MPa

INTERCONNECTING PIPE RUN					
MAXIMUM PIPE LE	NGTH	50 m			
MAXIMUM CHARG	E	2340 g			
MINIMUM ROOM A (@ 2.3 INSTALLED	·· · · ·	3.171 m ²			
MINIMUM PIPE LE	NGHT	3 m			
MAX. VERTICAL LI	ENGTH	25 m (Included in Max. Pipe Length)			
FIELD PIPE SIZES					
Liquid Pipe		9.52 mm (3/8")			
Gas Pipe		15.9 mm (5/8")			
PIPE CONNECTIO	NS				
Indoor	Liquid Pipe	9.52 mm (3/8")			
	Gas Pipe	15.9 mm (5/8")			
Outdoor Liquid Pipe Gas Pipe		9.52 mm (3/8")			
		15.9 mm (5/8")			
CONNECTION TYPE	PE	Flare Nut			

ELECTRIC CONTROLS	
DEFROST METHOD	Reverse Cycle
WALL CONTROLLER CABLE (INCLUDED FOR WIRED CONTROLLER OPTION)	4 Core (0.75mm²) Shielded Data Cable

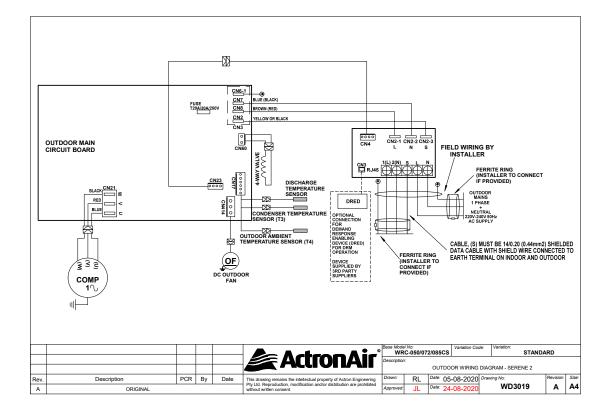
OPERATING RANGE

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		INDOOR	OUTDOOR
	RANGE	OPERATING	AIR INTAKE
		TEMPERATURE	TEMPERATURE
COOLING	Max.	32°C DB	60°C DB
	Min.	17°C DB	-15°C DB
HEATING	Max.	30°C DB	30°C DB
	Min.	0°C DB	-25°C DB



WRC-072CS (OUTDOOR)



WRE-072CS (INDOOR)

