

MyECO
R32

Inverter WiFi

ACSON
International
Air Conditioners



CAT-A3WMY-BF/BNF-2401

REINO+













Wall Mounted Series



Model:
A3WMY10BF - A3WMY25BF

Cooling Capacity:
9500 - 24000 btu/hr

Power Input:
0.87 - 1.97 kW

Horse Power (HP)	1.0	1.5	2.0	2.5
REINO+ Series  	Indoor Unit			
	A3WMY10BF	A3WMY15BF	A3WMY20BF	A3WMY25BF
				
	Outdoor Unit			
	A3LCY10B	A3LCY15B	A3LCY20B	A3LCY25B
				



Model:
A3WMY10BNF - A3WMY30BNF

Cooling Capacity:
9000 - 25600 btu/hr

Power Input:
0.86 - 2.18 kW

REINO *inverter* Series

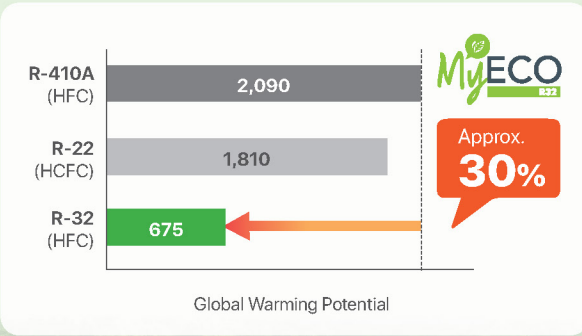
Horse Power (HP)	1.0	1.5	2.0	2.5	3.0
REINO Series	Indoor Unit				
	A3WMY10BNF	A3WMY15BNF	A3WMY20BNF	A3WMY25BNF	A3WMY30BNF
	Outdoor Unit				
	A3LCY10BN	A3LCY15BN	A3LCY20BN	A3LCY25BN	A3LCY30BN

R32 Refrigerant

Greenery Refrigerant



Acson MyEco offers eco-friendly products which lead to a more environmentally friendly and sustainable future. R32 refrigerant contribute to zero Ozone Depletion potential and the reduction of global warming potential up to 30% when compared with R410A and R22 refrigerant. It is everyone's responsibilities to take care of our mother earth to make this planet a better place for our communities and generations to come.



Better Environmental Properties

Better Performance

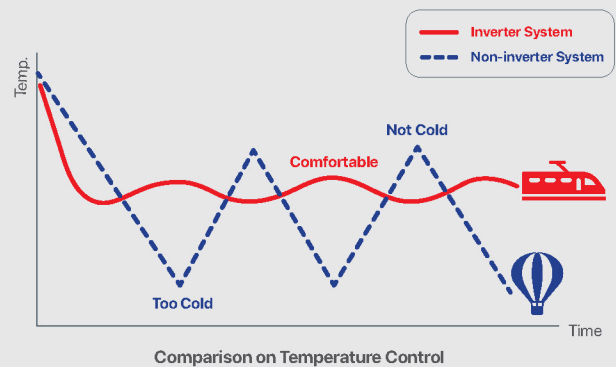
Economic Efficiency

The R32 refrigerant has lower Global Warming Potential (GWP), which is one third lower than R410A.



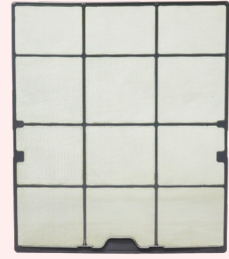
Inverter

Inverter is able to electronically control the electrical voltage, current and frequency by receiving information from sensors. It can regulate the compressor revolution speed and adjust the air conditioning output, resulting in minimization of temperature fluctuation.



Filtronz+ Filter

Filtronz+ Filter effectively decompose virus and reduce bacteria & fungus on the air filter surface.



Provide better Indoor Air Quality (IAQ) for healthier life

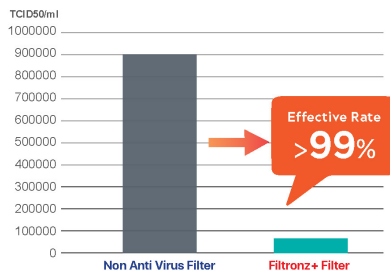
Non-toxic, non-hazardous & can be recycled

No harm & skin friendly

Easy for cleaning & installation

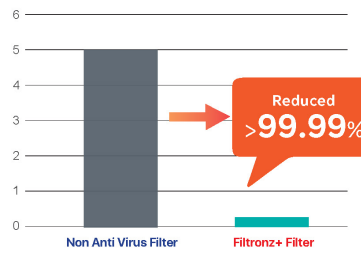
Decomposition of Viruses

The effectiveness rate of virus decomposition is increased by 99% in 2 hours



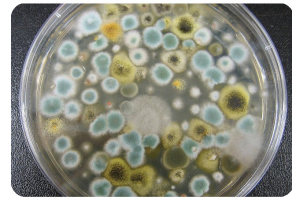
Reduction of Bacteria

The effectiveness rate of bacteria reduction is more than 99.99% in 24 hours



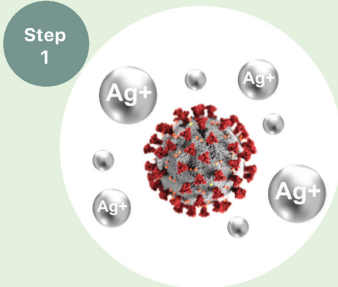
Reduction of Fungus

Generation of fungus achieved Grade 0 in 24 hours (No fungus visible under the microscope)

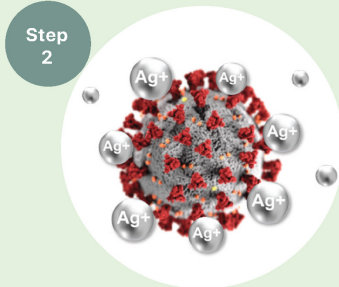


*Image is for illustration purposes

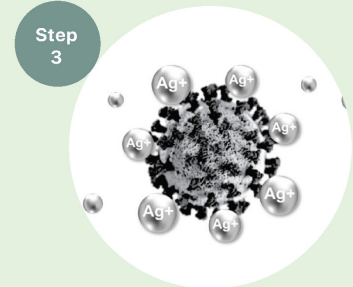
How Filtronz+ Filter works?



Silver ions (Ag+) on the filter absorb virus to the filter surface



Combination of organic and inorganic components simultaneously react to change the protein that exists on the virus surface



Enzyme protein inactivated, thus the viruses are decomposed and prevented from spread

Test Measuring Method:

Textites- Determination of antiviral activity of textile products (ISO 18184-2014)

Test Number: 2020FM24347R01, 2020FM2604R01

Test Measuring Method:

Test for antimicrobial activity of plastic (JIS Z 2801 : 2010)

Test Number: 2021FM05003R01E

Tested Specimen	Virus		Bacteria		Fungus
	Influenza H1N1	"Chicken Coronavirus Infectious bronchitis Virus"	Esherichia Coli	Staphylococcus	Aspergillus Niger, Penicillium Pinophilum, Trichoderma viride, Chaetomium Globosum, Paecilomyces Variotii
Test Organization	Guangdong Detection Center of Microbiology				
Test Report Number	No.2020FM24347R01	No.2020FM26047R01	No.2021FM05003R01E		No.2021FM05004R01E
Test Result	99.94% in 2 hours	99.99% in 2 hours	>5.9 (99.99987%)	>4.6 (99.99749%)	Grade 0 (no fungus visible under microscope)

Indoor Coil Maintenance with iClean+ & iClean



***Activated via MY Acson
Mobile Apps only.**

iClean+

iClean+ is a Acson patented technology where indoor cooling coil of the air conditioner is cleaned by dew condensation technology to remove attached dust or mold partially on it.

iClean

iClean is a new feature which will automatically dried the indoor cooling coil to prevent mold & bacteria growth.

By utilizing this iClean+ & iClean features, it able to improve indoor environment quality and maintain the performance of air conditioner. ***Activated via MY Acson Mobile Apps only.**

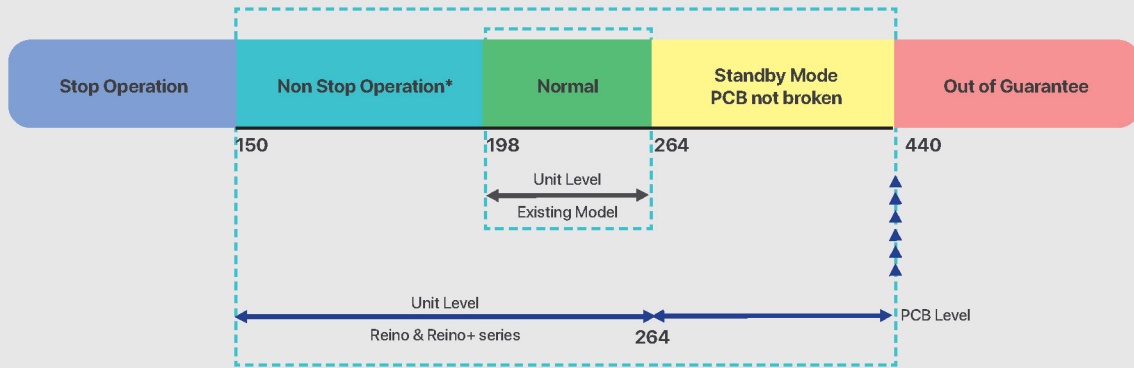


MY Acson



ULTRA Printed Circuit Board (PCB)

Acson's ULTRA Printed Circuit Board (PCB) are specially strengthened to withstand voltage fluctuations. This allow our PCB to operate across wide ranges of voltages in areas with unstable power supply. With new ULTRA PCB, the air conditioner unit are able to operate at 150V to 264V, and able to withstand voltage fluctuations from 0V to 440V.



Anti Corrosion Blue Fin

The outdoor unit is protected with anti corrosion blue fin, which is a type of protective layer coating on the fin which can prolong the lifespan of the unit.

With anti corrosion blue fin, the condensor coil is more resistant to corrosion, rust and rain without affect the cooling performance.

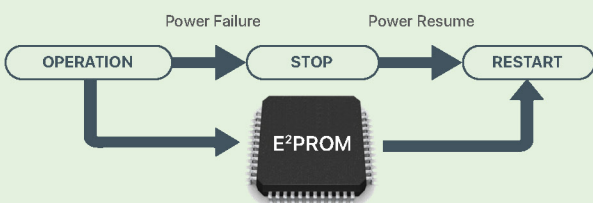
**Not applicable to model AWMY30BNF.*



Double Protection

Automatic Restart

When there is sudden power failure, the unit can restart automatically and recovering the last setting condition once the power supply is back.



Self Diagnosis System

Errors can be detected and displayed by blinking LEDs with a series of sensors and intelligent control board to inform user the detected malfunctions.

Peace of Mind Warranty Service

Acson products are designed with durable & reliable quality. Our units are come with 5 years warranty for compressor and 2 year warranty for general parts.



**1st year free labour and compressor.*

**2nd - 5th year free compressor only.*

**Applicable during promotion period 1st April 2024 to 31st March 2026.*

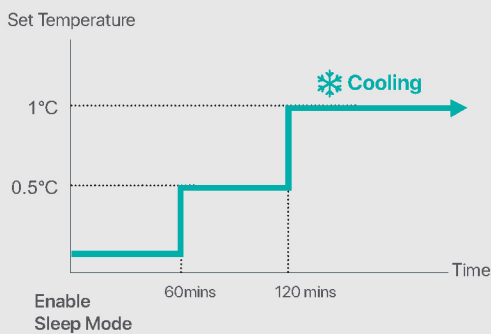
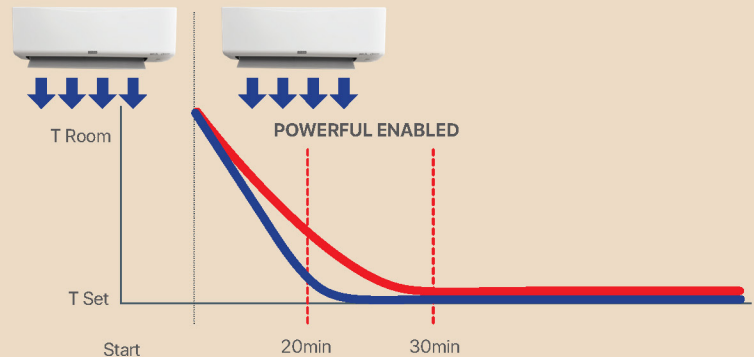
Comfort Control On Your Needs

Turbo Mode

Turbo Mode provided maximum cooling effect to user who seek for instant cooling.

Once activated, fan speed will run at turbo mode and compressor will run in maximum frequency to provide maximum cooling capacity.

This enables the set temperature to be achieved faster.



Sleep Mode

Sleep mode ensures a comfortable environment for restful sleep. As ambient temperature at night decreased, set temperature is increase gradually according to normal sleeping temperature.

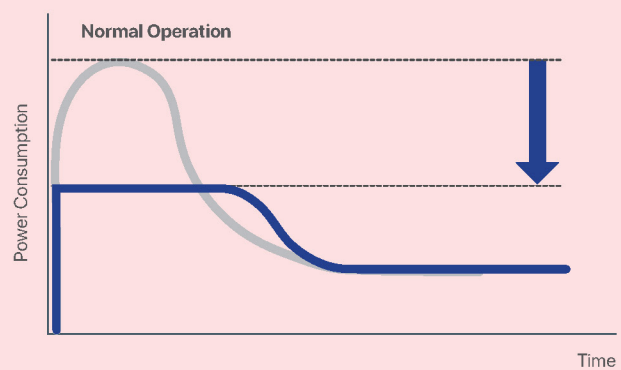
Also it automatically dim down the LED display intensity when sleep mode is activated which allow user to rest with minimum disturbance from LED light.



Save Mode

Save mode is an intelligent feature that ensure optimum energy consumption while fulfilling basic human comfort needed.

The Save mode reduces the maximum operating current and power consumption by approximately 30% during activation by limiting compressor frequency



*Maximum capacity decreases during Save Mode, requiring more time to reach the set temperature.

MY Acson, MY Control

From now on, you can control multiple air conditioner through your smartphone from anywhere and anytime. No more hassle to find your remote controller, MY Acson now offers smart functionality making your air conditioner smarter.



Reino & Reino+ series is equipped with Acson Wifi Adapter which connect your Wifi Router and enable control of air conditioner setting from your mobile device.



Acson Wifi Adapter, AWM01A01

MY Acson App

A single swipe on the phone application which designed with simple control user interface. MY Acson is currently available for both Android & IOS system.

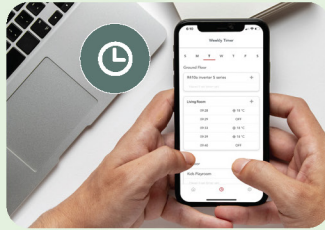


MY Complete Control



- Setting different modes (e.g: cool, dry, fan, turbo, sleep, quiet mode)
- Controlling fan speed, air flow direction & temperature settings
- Controlling the Zoning System

MY Convenience



- Set 7-day schedules & timers that adjust AC according to your lifestyle
- Control every AC unit from your couch - no need to go racing room-to-room changing settings
- Guest sharing option - possible to be both hospitable and safe

MY Comfort



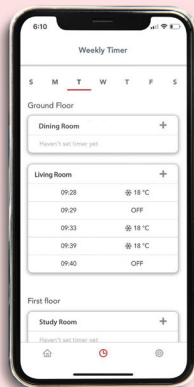
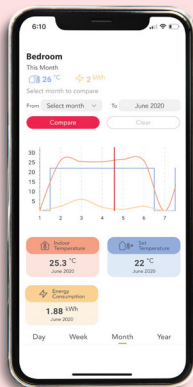
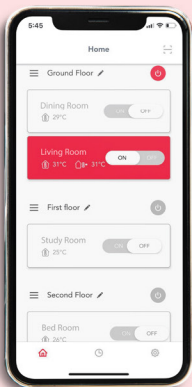
- Pre-cool your room whilst still in the workplace or office.
- Room is already pre-cooled according to your desired settings as you reach home.

MY Energy-Efficient



- Monitor and track energy consumption for better budget planning

*subject to applicable model







Specification

Dimension	Height (mm)	32
	Width (mm)	50
	Depth (mm)	15
Wi-Fi Frequency		2.4GHz
Network Configuration		
Out-of-home Control		Internet
In-home Control		LAN, Bluetooth
Electrical Specification		
Communication Protocol		NS
Input Supply	Voltage	5V
	Current	150 mA
	Power Consumption	750 mW
Supported OS		Android 5 or later; IOS 9 or later

Specifications

REINO+ Wall Mounted Series



Model	Indoor Unit		A3WMY10BF	A3WMY15BF	A3WMY20BF	A3WMY25BF	
	Outdoor Unit		A3LCY10B	A3LCY15B	A3LCY20B	A3LCY25B	
Nominal Cooling Capacity	BTU/h		9,500 (3,400 - 11,000)	12,300 (4,100 - 13,000)	19,000 (6,000 - 21,200)	24,000 (6,600 - 24,500)	
	kW		2.78 (1.00 - 3.22)	3.60 (1.20 - 3.81)	5.57 (1.76 - 6.21)	7.03 (1.93 - 7.18)	
Nominal Total Input Power	W		870	1165	1590	1965	
Nominal Running Current	A		3.93	5.24	6.99	8.61	
EER	W/W		3.20	3.09	3.50	3.58	
CSPF	Wh/Wh		5.30	5.30	5.60	6.00	
Power Supply	V/Ph/Hz		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	
MEPS RATING							
Indoor Unit	Control	Wifi control	Built In				
		Operation	LCD Remote Control / Wifi Control				
		Air Discharge	Automatic Louver (Up & Down)				
	Air Flow	Turbo	I/s(CFM)	193 (410)	198 (420)	212 (450)	340 (720)
		High	I/s(CFM)	179 (380)	188 (400)	203 (430)	302 (640)
		Medium	I/s(CFM)	146 (310)	155 (330)	179 (380)	264 (560)
		Low	I/s(CFM)	108 (230)	118 (250)	137 (290)	227 (480)
		Quiet	I/s(CFM)	90 (190)	94 (200)	123 (260)	170 (360)
	Sound Pressure Level (H/M/L/Q)		dBA	38/33/26/19	39/34/26/21	42/39/32/29	43/41/36/30
	Unit Dimension	Height	mm(in)	288 (11.32)		297 (11.68)	
		Width	mm(in)	770 (30.27)		990 (38.92)	
		Depth	mm(in)	234 (9.20)		273 (10.73)	
	Packaging Dimension	Height	mm(in)	327 (12.87)		371 (14.61)	
		Width	mm(in)	830 (32.68)		1073 (42.24)	
		Depth	mm(in)	363 (14.29)		375 (14.76)	
Unit Weight		kg(lb)	9.0 (19.84)		9.5 (20.94)	13.0 (28.66)	
Condensate Drain Size		mm(in)	19.05				
Outdoor Unit	Air Flow		I/s(CFM)	342.19 (725)	519.18 (1100)	618.30 (1310)	656.06 (1390)
	Sound Pressure Level (H/M/L/Q)		dBA	48	48	49	52
	Unit Dimension	Height	mm(in)	418 (16.46)	550 (21.65)	615 (24.21)	615 (24.21)
		Width	mm(in)	695 (27.36)	675 (26.57)	845 (33.27)	845 (33.27)
		Depth	mm(in)	244 (9.60)	284 (11.18)	300 (11.81)	300 (11.81)
	Packaging Dimension	Height	mm(in)	480 (18.90)	610 (24.01)	679 (26.73)	679 (26.73)
		Width	mm(in)	807 (31.77)	801 (31.54)	992 (39.06)	992 (39.06)
		Depth	mm(in)	340 (13.39)	384 (15.11)	414 (16.30)	414 (16.30)
	Unit Weight		kg(lb)	18 (39.68)	21 (46.30)	37 (81.57)	37 (81.57)
	Fin Spec			Anti Corrosion Blue Fin			
Pipe Connection	Liquid	mm(in)	6.4 (1/4)				
	Gas	mm(in)	9.5 (3/8)		12.70 (1/2)		
Maximum Piping Length		m	20		30		
Maximum Piping Height		m	15		20		
Refrigerant Type			R32				

CSPF = Cooling Seasonal Performance Factor
MEPS = Minimum Energy Performance Standard

- All specifications are subject to change by the manufacturer without prior notice.
- Nominal Cooling Capacity is based in the conditions: Cooling 27°C DB / 19°C WB indoor and 35°C DB / 24°C WB outdoor.
- Sound Pressure Level is according to JIS C 9612 standard. Position of the measurement point is 1m in front and 0.8m below the unit.
- Units are tested & compiled to international standards such as ISO 5151.







*1st year free labour and compressor.
*2nd - 5th year free compressor only.

Specifications

REINO Wall Mounted Series

REINO

Model	Indoor Unit		A3WMY10BNF	A3WMY15BNF	A3WMY20BNF	A3WMY25BNF	A3WMY30BNF	
	Outdoor Unit		A3LCY10BN	A3LCY15BN	A3LCY20BN	A3LCY25BN	A3LCY30BN	
Nominal Cooling Capacity	BTU/h		9000 (3400 - 9200)	12300 (4100 -13000)	18000 (5200 - 18500)	24000 (6600 - 24500)	25600 (7900-29000)	
	kW		2.64 (1.00 - 2.70)	3.60 (1.20 - 3.81)	5.28 (1.52 - 5.42)	7.03 (1.93 - 7.18)	7.50 (2.32-8.50)	
Nominal Total Input Power	W		860	1175	1880	1965	2180	
Nominal Running Current	A		3.87	5.27	8.24	8.61	9.71	
EER	W/W		3.07	3.07	2.81	3.58	3.44	
CSPF	Wh/Wh		4.60	4.60	5.02	6.00	5.6	
Power Supply	V/Ph/Hz		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	
MEPS RATING							Not Applicable	
Indoor Unit	Control	Wifi control		Built In				
		Operation		LCD Remote Control / Wifi Control				
		Air Discharge		Automatic Louver (Up & Down)				
	Air Flow	Turbo	I/s(CFM)	165 (350)	198 (420)	212 (450)	340 (720)	359 (760)
		High	I/s(CFM)	160 (340)	188 (400)	203 (430)	302 (640)	336 (700)
		Medium	I/s(CFM)	123 (260)	155 (330)	179 (380)	264 (560)	264 (560)
		Low	I/s(CFM)	97 (205)	118 (250)	137 (290)	227 (480)	227 (480)
		Quiet	I/s(CFM)	71 (150)	94 (200)	123 (260)	170 (360)	170 (360)
	Sound Pressure Level (H/M/L/Q)		dB(A)	39/33/26/21	39/34/26/21	42/39/32/29	43/41/36/30	44/41/36/30
	Unit Dimension	Height	mm(in)	280 (11.02)	288 (11.32)		297 (11.68)	
		Width	mm(in)	730 (28.74)	770 (30.27)		990 (38.92)	
		Depth	mm(in)	213 (8.39)	234 (9.20)		273 (10.73)	
	Packaging Dimension	Height	mm(in)	293 (11.54)	327 (12.87)		371 (14.61)	
		Width	mm(in)	796 (31.34)	830 (32.68)		1073 (42.24)	
		Depth	mm(in)	360 (14.17)	363 (14.29)		375 (14.76)	
Unit Weight		kg(lb)	8.5 (18.74)	9.0 (19.84)	9.5 (20.94)	13.0 (28.66)		
Condensate Drain Size		mm(in)	19.05					
Outdoor Unit	Air Flow		I/s(CFM)	342.19 (725)	519.18 (1100)	769.30 (1630)	656.06 (1390)	1031.68 (2186)
	Sound Pressure Level (H/M/L/Q)		dB(A)	48	48	52	52	53
	Unit Dimension	Height	mm(in)	418 (16.46)	550 (21.65)	615 (24.21)	615 (24.21)	695 (27.36)
		Width	mm(in)	695 (27.36)	675 (26.57)	845 (33.27)	845 (33.27)	930 (36.61)
		Depth	mm(in)	244 (9.60)	284 (11.18)	300 (11.81)	300 (11.81)	350 (13.78)
	Packaging Dimension	Height	mm(in)	480 (18.90)	610 (24.01)	679 (26.73)	679 (26.73)	760 (29.92)
		Width	mm(in)	807 (31.77)	801 (31.54)	992 (39.06)	992 (39.06)	1084 (42.68)
		Depth	mm(in)	340 (13.39)	384 (15.11)	414 (16.30)	414 (16.30)	473 (18.62)
	Unit Weight		kg(lb)	18 (39.68)	21(46.30)	33 (72.75)	37 (81.57)	40 (88.18)
	Fin Spec			Anti Corrosion Blue Fin				PFC Coil
	Pipe Connection	Liquid	mm(in)	6.4 (1/4)				9.5(3/8)
		Gas	mm(in)	9.5 (3/8)		12.70 (1/2)		15.9(5/8)
Maximum Piping Length		m	20		30		35	
Maximum Piping Height		m	15		20		20	
Refrigerant Type			R32					

CSPF = Cooling Seasonal Performance Factor
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ACSON[®]
International
Air Conditioners

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a member of DAIKIN group

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Authorized Dealer :



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