



## CEILING CONCEALED SPLIT SYSTEM C SERIES



## Microprocessor Controlled

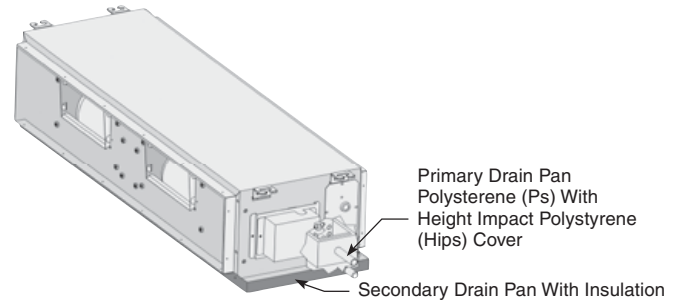
With the microprocessor controlling the operation, the ACC model can offer comfortable room conditions according to the needs of the user. In addition, its control algorithms can provide protection to components of the air conditioning unit against any faults.

## Auto Random Restart

During occasion of power failure, the unit will automatically restart according to the last setting condition when power resumed. Option is provided to cancel this feature.

## Double Protection Drainage System

The primary drain pan is designed with high thermal insulation material and moulded in gradient for better condensate water drainage. The extra secondary drain pan "built in" to the standard unit offers extra protection against possible water leaking problems.



# FEATURES

## Flexibility In System Design

The unit offers fan motor that can operate up to 4 speeds (Models A5CC 28C & above only), thus provide choices of external static pressure for designing ducting system. In addition, a range of ACC-C model with optional specification of low external static pressure is also provided to cater for short duct application. Please refer to the technical specification of ACC model.

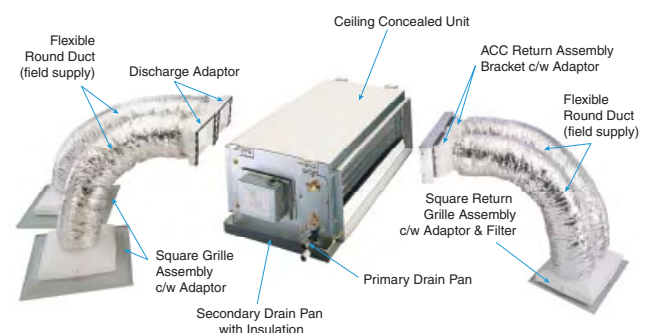
## Self Diagnosis Features

The microprocessor provides the possibility to detect and to diagnose any faults that occur in the system. Faults are displayed as error code in the wired controller. This will ease the troubleshooting process.

## Duct Accessories (Optional)

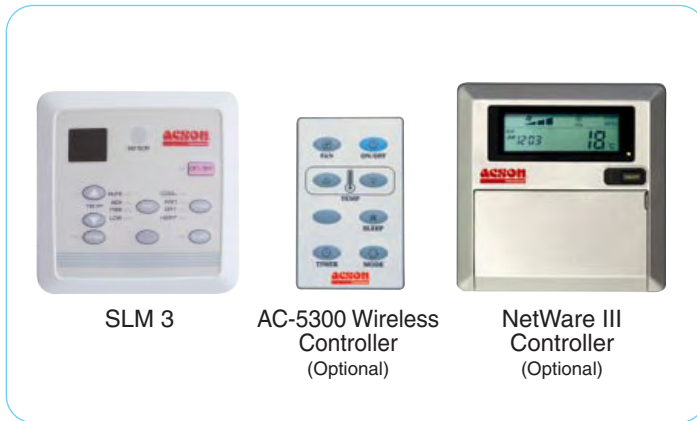
A set duct accessories specifically designed to fit and to suit the ACC-C model is being created. Thus offers a one stop solution to installing the unit.

*\* Available for ACC 10-25 C/CR only*



## NIM – Able

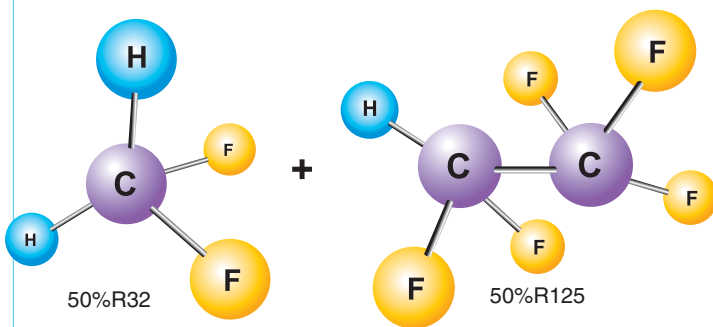
The ACC range of product is able to communicate with the versatile NIM networking control module and offers the opportunity of one centralized control for a system of multiple indoor units in a building.



## Choices Of Wired And Wireless Controller

Standard units come with a simple and user friendly SLM 3. An optional specification of ACC-C series is also available that comes with NetWare III, which offers wide range of control features that includes 7 days and 24 hours timer settings, self diagnosis error code display and more.

In addition, an innovative and compact wireless controller (credit card size), AC-5300, provides wireless command to the SLM 3 & NETWARE III.

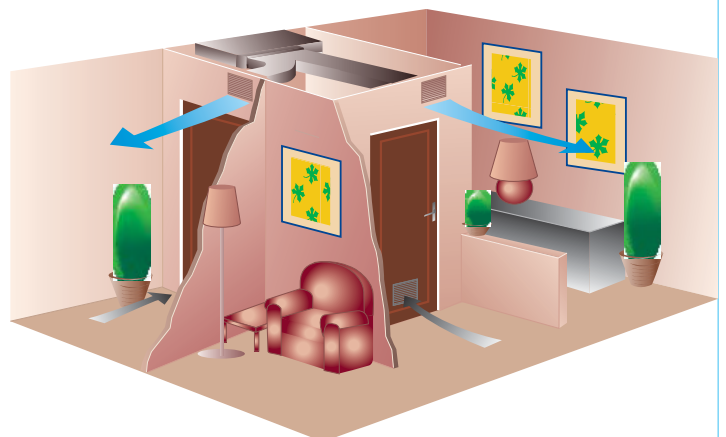


## R-410A Refrigerant

In line with Montreal Protocol A5CC series utilise the new R-410A refrigerant.

## Better Air Distribution

The conditioned air can be effectively distributed to the room through the ducting and this ensures a pleasant environment for comfortable living. Multiple rooms can be cooled together at the same time by using just one unit of fan coil.



CEILING CONCEALED ACC-C SERIES - R-22

HEAT PUMP MODEL		INDOOR UNIT		ACC 10CR		ACC 15CR		ACC 20CR		ACC 25CR	
		OUTDOOR UNIT		ALC 10CR		ALC 15CR		ALC 18CR		ALC 20CR	
NOMINAL COOLING CAPACITY				Btu/h	9500	12300	18000	19000	23500		
				W	2780	3600	5280	5570	6890		
NOMINAL HEATING CAPACITY				Btu/h	9500	12000	18500	19800	24000		
				W	2780	3515	5420	5800	7030		
50HZ	NOMINAL TOTAL INPUT POWER (STANDARD)	COOLING	W	900	1267	1910	1895	2616			
		HEATING	W	894	1062	1750	1845	2536			
	NOMINAL TOTAL INPUT POWER (LOW STATIC)	COOLING	W	894	1256	1894	1879	2589			
		HEATING	W	784	1051	1734	1829	2509			
	EER (STANDARD)	W/W	3.17	2.94	2.87	3.05	2.69				
	COP (STANDARD)	W/W	3.63	3.44	3.23	3.27	2.83				
	EER (LOW STATIC)	W/W	3.15	2.91	2.81	2.99	2.69				
COP (LOW STATIC)	W/W	3.59	3.40	3.16	3.20	2.84					
COOLING ONLY MODEL		INDOOR UNIT		ACC 10C		ACC 15C		ACC 20C		ACC 25C	
		OUTDOOR UNIT		ALC 10C		ALC 15C		ALC 18C		ALC 20C	
NOMINAL CAPACITY				Btu/h	9500	12300	18000	19000	23500		
				W	2780	3600	5280	5570	6890		
50HZ	NOMINAL TOTAL INPUT POWER (STANDARD)		W	900	1267	1910	1895	2616			
	NOMINAL TOTAL INPUT POWER (LOW STATIC)		W	894	1256	1894	1879	2589			
	EER (STANDARD)		W/W	3.17	2.94	2.87	3.05	2.69			
	EER (LOW STATIC)		W/W	3.15	2.91	2.81	2.99	2.69			
POWER SOURCE				V/Ph/Hz	220 - 240 / 1 / 50		220 - 240 / 1 / 50	220 - 240 / 1 / 50	220 - 240 / 1 / 50		
INDOOR UNIT	AIR FLOW	HIGH	l/s / CFM	142 / 300	241 / 510	316 / 670		382 / 810			
		MEDIUM	l/s / CFM	123 / 260	208 / 440	302 / 640		359 / 760			
		LOW	l/s / CFM	104 / 220	170 / 360	278 / 590		288 / 610			
	AIR FLOW (LOW STATIC)	HIGH	l/s / CFM	142 / 300	255 / 540	307 / 650	307 / 650		363 / 770		
		MEDIUM	l/s / CFM	118 / 250	222 / 470	303 / 640	303 / 640		340 / 720		
		LOW	l/s / CFM	99 / 210	165 / 350	269 / 570	269 / 570		274 / 580		
EXTERNAL STATIC PRESSURE (H/M/L)				Pa (in. wg.)	49 / 39 / 29 (0.20 / 0.16 / 0.12)	49 / 39 / 20 (0.20 / 0.16 / 0.08)	69 / 65 / 42 (0.28 / 0.26 / 0.17)		41 / 31 / 18 (0.16 / 0.12 / 0.07)		
EXTERNAL STATIC PRESSURE (LOW STATIC, H/M/L)				Pa (in. wg.)	20 / 9.8 / 4.9 (0.08 / 0.04 / 0.02)		29 / 20 / 9.8 (0.12 / 0.08 / 0.04)		25 / 15 / 5 (0.10 / 0.06 / 0.02)		
SOUND PRESSURE LEVEL (H/M/L)				dBA	33 / 30 / 26	37 / 34 / 29	38 / 36 / 34	38 / 36 / 34	40 / 39 / 36		
UNIT DIMENSION	HEIGHT	mm/in	261 / 10.28		261 / 10.28		261 / 10.28		261 / 10.28		
	WIDTH	mm/in	765 / 30.12		905 / 35.63		1065 / 41.93		1200 / 47.24		
	DEPTH	mm/in	411 / 16.18		411 / 16.18		411 / 16.18		411 / 16.18		
WEIGHT			kg/lb	17 / 37.5	21 / 46.3	22 / 48.5	22 / 48.5	25 / 55.1			
SOUND PRESSURE LEVEL				dBA	46	49	51	51	52		
OUTDOOR UNIT	UNIT DIMENSION	HEIGHT	mm/in	540 / 21.3		654 / 25.7		756 / 29.8			
		WIDTH	mm/in	700 / 27.6		855 / 33.7		855 / 33.7			
		DEPTH	mm/in	250 / 9.8		328 / 12.9		328 / 12.9			
UNIT WEIGHT				kg/lb	32 / 70.5		57 / 125.7	59 / 130.1	62 / 136.7		
PIPE CONNECTION		TYPE				FLARE VALVE					
		SIZE	LIQUID	mm/in	6.35 / 1/4	6.35 / 1/4	6.35 / 1/4	6.35 / 1/4	9.52 / 3/8		
			GAS	mm/in	9.52 / 3/8	12.70 / 1/2	15.88 / 5/8		15.88 / 5/8		

HEAT PUMP MODEL		INDOOR UNIT		ACC 28CR		ACC 30CR		ACC 38CR				
		OUTDOOR UNIT		ALC 28CR		ALC 30CR		ALC 35CR		ALC 40CR		
NOMINAL COOLING CAPACITY				Btu/h	27000	30000	28000	30000	35000	38000		
				W	7913	8792	8602	8792	10257	11137		
NOMINAL HEATING CAPACITY				Btu/h	28000	30000	29000	30000	36000	38500		
				W	8206	8792	8499	8792	10550	11280		
50HZ	NOMINAL TOTAL INPUT POWER (STANDARD) - 1Ø <3Ø>	COOLING	W	2942	3090 <3070>	2997	3145 <3125>	3572	3766 <3736>			
		HEATING	W	2507	3060 <3040>	2562	3115 <3095>	3303	3476 <3436>			
	NOMINAL TOTAL INPUT POWER (LOW STATIC) - 1Ø <3Ø>	COOLING	W	-	-	3124	3116 <3096>	-	-			
		HEATING	W	-	-	2700	3086 <3066>	-	-			
	EER (STANDARD) - 1Ø <3Ø>	W/W	2.64	2.94 <2.86>	3.09	3.00 <3.02>	3.38	3.19 <3.21>				
	COP (STANDARD) - 1Ø <3Ø>	W/W	3.23	2.97 <2.99>	3.62	3.03 <3.06>	3.48	3.52 <3.55>				
	EER (LOW STATIC) - 1Ø <3Ø>	W/W	-	-	2.67	2.87 <2.89>	-	-				
COP (LOW STATIC) - 1Ø <3Ø>	W/W	-	-	3.21	2.90 <2.92>	-	-					
60HZ	NOMINAL TOTAL INPUT POWER - 1Ø <3Ø>	COOLING	W	-	2580	-	2620	-	3130			
		HEATING	W	-	3082	-	3490	-	3787			
	EER - 1Ø <3Ø>	W/W	-	3.41	-	3.36	-	3.56				
	COP - 1Ø <3Ø>	W/W	-	2.85	-	2.52	-	2.98				
COOLING ONLY MODEL		INDOOR UNIT		ACC 28C		ACC 30C		ACC 38C		ACC 40C		
		OUTDOOR UNIT		ALC 28C		ALC 30C		ALC 35C		ALC 40C		
NOMINAL CAPACITY				Btu/h	27000	28000	29000	30000	35000	35000		
				W	7913	8206	8602	8493	10257	10257		
50HZ	NOMINAL TOTAL INPUT POWER (STANDARD) - 1Ø <3Ø>		W	2942	2821 <2981>		3153	2799 <2855 >		3443	3706 <3656 >	
	NOMINAL TOTAL INPUT POWER (LOW STATIC) - 1Ø <3Ø>		W	-	-		3124	2770 <2826 >		-	-	
	EER (STANDARD) - 1Ø <3Ø>		W/W	2.64	3.01 <2.85>		3.09	3.29 <3.22 >		3.23	2.99 <3.03 >	
	EER (LOW STATIC) - 1Ø <3Ø>		W/W	-	-		2.67	3.13 <3.06 >		-	-	
60HZ	NOMINAL TOTAL INPUT POWER - 1Ø <3Ø>		W	-	3292		-	3720		-	4087	
	EER - 1Ø <3Ø>		W/W	-	2.49		-	2.28		-	2.51	
POWER SOURCE - 1Ø <3Ø>				V/Ph/Hz	220 - 240 / 1 / 50		220 - 240 / 1 / 50		220 - 240 / 1 / 50		220 - 240 / 1 / 50	
INDOOR UNIT	AIR FLOW	SUPER HIGH	l/s / CFM	401 / 850		425 / 900		727 / 1540				
		HIGH	l/s / CFM	382 / 810		392 / 830		694 / 1470				
		MEDIUM	l/s / CFM	363 / 770		359 / 760		670 / 1420				
	AIR FLOW (LOW STATIC)	LOW	l/s / CFM	335 / 710		335 / 710		637 / 1350				
		SUPER HIGH	l/s / CFM	-		444 / 940		-				
		HIGH	l/s / CFM	-		415 / 880		-				
EXTERNAL STATIC PRESSURE (H/M/L)				Pa (in. wg.)	98 / 78 / 68 / 59 (0.39 / 0.31 / 0.28 / 0.24)	206 / 167 / 127 / 88 (0.83 / 0.67 / 0.51 / 0.35)	206 / 167 / 127 / 88 (0.83 / 0.67 / 0.51 / 0.35)	137 / 118 / 108 / 88 (0.55 / 0.47 / 0.43 / 0.35)	-			
EXTERNAL STATIC PRESSURE (LOW STATIC, H/M/L)				Pa (in. wg.)	-		49 / 39 / 29 / 20 (0.20 / 0.16 / 0.12 / 0.08)		-			
SOUND PRESSURE LEVEL (H/M/L)				dBA	44 / 41 / 38 / 34	49 / 46 / 42 / 38	55 / 51 / 48 / 45	-				
UNIT DIMENSION	HEIGHT	mm/in	285 / 11.22		378 / 14.88		305 / 12.01		-			
	WIDTH	mm/in	1007 / 39.65		929 / 36.57		1302 / 51.26		-			
	DEPTH	mm/in	600 / 23.62		541 / 21.30		638 / 25.12		-			
WEIGHT			kg/lb	38 / 83.8	58	39 / 86.0	58	41 / 90.4	58			
SOUND PRESSURE LEVEL				dBA	54	58	58	58	58			
OUTDOOR UNIT	UNIT DIMENSION	HEIGHT	mm/in	756 / 29.8	850 / 33.46	756 / 29.8	850 / 33.46	850 / 33.46	850 / 33.46			
		WIDTH	mm/in	855 / 33.7	1030 / 40.55	855 / 33.7	1030 / 40.55	1030 / 40.55	1030 / 40.55			
		DEPTH	mm/in	328 / 12.9	400 / 15.75	328 / 12.9	400 / 15.75	400 / 15.75	400 / 15.75			
UNIT WEIGHT				kg/lb	65 / 143.3	95 / 209.4	68 / 149.9	95 / 209.4	95 / 209.4	100 / 220.5		
PIPE CONNECTION		TYPE				FLARE VALVE						
		SIZE	LIQUID	mm/in	9.52 / 3/8	9.52 / 3/8	9.52 / 3/8	9.52 / 3/8	9.52 / 3/8			
			GAS	mm/in	15.88 / 5/8	15.88 / 5/8	15.88 / 5/8	15.88 / 5/8	19.05 / 3/4			

- 1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
  - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
  - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE MEASURED IN AN ANECHOIC CHAMBER, ACCORDING TO JIS B 8616 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1.5m BELOW THE CENTER OF THE UNIT. TESTED WITH 2m DUCT LENGTH AT THE AIR DISCHARGE OUTLET AND 1m DUCT LENGTH AT THE AIR RETURN INLET.
- 5) EER/COP CALCULATION IS BASED ON EFFECTIVE POWER INPUT AS PER ISO 5151.

CEILING CONCEALED ACC-C SERIES - R-22

HEAT PUMP MODEL		INDOOR UNIT OUTDOOR UNIT		ACC 40CR		ACC 50CR	ACC 60CR	
				ALC 35CR	ALC 40CR	ALC 50CR	ALC 61CR	
NOMINAL COOLING CAPACITY				Btu/h	33500	40000	50000	56000
				W	9818	11723	14654	16410
NOMINAL HEATING CAPACITY				Btu/h	35000	40000	53000	56000
				W	10257	11723	15533	16410
50 HZ	NOMINAL TOTAL INPUT POWER (STANDARD) - 1Ø <3Ø>	COOLING	W	3265	3728 <3698>	<5047>	<6010>	
		HEATING	W	3265	3438 <3408>	<4447>	<4980>	
	NOMINAL TOTAL INPUT POWER (LOW STATIC) - 1Ø <3Ø>	COOLING	W	3210	3673 <3643>	4956	5884	
		HEATING	W	3210	3183 <3153>	4356	4854	
	EER (STANDARD)- 1Ø <3Ø>	W/W	3.30	3.41 <3.44>	<3.11>	<2.91>		
	COP (STANDARD)- 1Ø <3Ø>	W/W	3.45	3.73 <3.76>	<3.78>	<3.57>		
	EER (LOW STATIC)- 1Ø <3Ø>	W/W	3.12	3.25 <3.28>	3.03	2.85		
	COP (LOW STATIC)- 1Ø <3Ø>	W/W	3.26	3.53 <3.57>	3.67	3.46		
60 HZ	NOMINAL TOTAL INPUT POWER - 1Ø <3Ø>	COOLING	W	-	3100	4160	5550	
		HEATING	W	-	3800	4623	5937	
	EER- 1Ø <3Ø>	W/W	-	3.78	3.52	2.96		
	COP- 1Ø <3Ø>	W/W	-	3.09	3.36	2.76		
COOLING ONLY MODEL		INDOOR UNIT OUTDOOR UNIT		ACC 40C		ACC 50C	ACC 60C	
				ALC 35C	ALC 40C	ALC 50C	ALC 61C	
NOMINAL CAPACITY				Btu/h	33500	38500	47000	56000
				W	9811	11276	13765	16410
50 HZ	NOMINAL TOTAL INPUT POWER (STANDARD) - 1Ø <3Ø>		W	3405	3555 <3505 >	<4974 >	<6006 >	
	NOMINAL TOTAL INPUT POWER (LOW STATIC)- 1Ø <3Ø>		W	3350	3500 <3450>	4883	5880	
	EER (STANDARD)- 1Ø <3Ø>	W/W	3.16	3.46 <3.51 >	<2.97 >	<2.92>		
	EER (LOW STATIC)- 1Ø <3Ø>	W/W	2.99	3.28 <3.33>	<2.9 >	<2.85 >		
60 HZ	NOMINAL TOTAL INPUT POWER - 1Ø <3Ø>		W	-	4110	5233	6837	
	EER- 1Ø <3Ø>		W/W	-	2.74	2.63	2.40	
POWER SOURCE- 1Ø <3Ø>		V/Ph/Hz		220 - 240 / 1 / 50 <380 - 415 / 3 / 50>				
INDOOR UNIT	AIR FLOW	SUPER HIGH	I/s / CFM	519 / 1100		750 / 1590	779 / 1650	
		HIGH	I/s / CFM	500 / 1060		651 / 1380	722 / 1530	
		MEDIUM	I/s / CFM	467 / 990		604 / 1280	675 / 1430	
		LOW	I/s / CFM	425 / 900		571 / 1210	609 / 1290	
	AIR FLOW (LOW STATIC)	SUPER HIGH	I/s / CFM	562 / 1190		713 / 1510	802 / 1700	
		HIGH	I/s / CFM	500 / 1060		628 / 1330	765 / 1620	
		MEDIUM	I/s / CFM	472 / 1000		618 / 1310	717 / 1520	
		LOW	I/s / CFM	458 / 970		599 / 1270	693 / 1470	
	EXTERNAL STATIC PRESSURE (H/M/L)		Pa (in.wg.)	206 / 176 / 127 / 93 (0.83 / 0.71 / 0.51 / 0.37)		176 / 157 / 137 / 108 (0.71 / 0.63 / 0.55 / 0.43)	176 / 157 / 137 / 98 (0.71 / 0.63 / 0.55 / 0.39)	
	EXTERNAL STATIC PRESSURE (LOW STATIC, H/M/L)		Pa (in.wg.)	49 / 39 / 29 / 20 (0.20 / 0.16 / 0.12 / 0.08)		78 / 59 / 39 / 20 (0.31 / 0.24 / 0.16 / 0.08)	69 / 49 / 29 / 20 (0.28 / 0.20 / 0.12 / 0.08)	
	SOUND PRESSURE LEVEL (H/M/L)		dBA	51 / 49 / 45 / 41		53 / 52 / 50 / 47	55 / 53 / 50 / 47	
	UNIT DIMENSION	HEIGHT	mm/in	378 / 14.88		378 / 14.88	378 / 14.88	
WIDTH		mm/in	1045 / 41.14		1299 / 51.14	1499 / 59.02		
DEPTH		mm/in	541 / 21.30		541 / 21.30	541 / 21.30		
WEIGHT		kg/lb	42 / 92.6		54 / 119.1	62 / 163.7		
OUTDOOR UNIT	SOUND PRESSURE LEVEL		dBA	58	58	58	61	
	UNIT DIMENSION	HEIGHT	mm/in	850 / 33.46		850 / 33.46	850 / 33.46	
		WIDTH	mm/in	1030 / 40.55		1030 / 40.55	1030 / 40.55	
		DEPTH	mm/in	400 / 15.75		400 / 15.75	460 / 18.1	
	UNIT WEIGHT		kg/lb	95 / 209.4	100 / 220.5	105 / 231.49	108 / 238.10	
	PIPE CONNECTION	TYPE		FLARE VALVE				
		SIZE	LIQUID	mm/in	9.52 / 3/8		9.52 / 3/8	12.70 / 1/2
GAS	mm/in		19.05 / 3/4		19.05 / 3/4	19.05 / 3/4		

- 1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW :
  - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
  - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE MEASURED IN AN ANECHOIC CHAMBER, ACCORDING TO JIS B 8616 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1.5m BELOW THE CENTER OF THE UNIT.

CEILING CONCEALED A5CC-C SERIES - R-410A

HEATPUMP MODEL		INDOOR UNIT		A5CC 10CR		A5CC 15CR		A5CC 20CR		A5CC 25CR		
		OUTDOOR UNIT		A5LC 10CR		A5LC 15CR		A5LC 20CR		A5LC 25CR		
NOMINAL COOLING CAPACITY - 1Ø <3Ø>		Btu/h		9500		12500		18000 <18000>		21000 <22860>		
		W		2780		3660		5280 <5280>		6155 <6700>		
NOMINAL HEATING CAPACITY - 1Ø <3Ø>		Btu/h		9500		12000		18500 <18500>		22000 <23200>		
		W		2780		3520		5420 <5420>		6450 <6800>		
50 HZ	NOMINAL TOTAL INPUT POWER - 1Ø <3Ø>		COOLING		W		961		1297		1757 <1791>	
			HEATING		W		813		1147		1597 <1561>	
	EER - 1Ø <3Ø>		W/W		2.96		2.91		3.13 <3.07>		3.15 <3.02>	
	COP - 1Ø <3Ø>		W/W		3.52		3.18		3.55 <3.64>		3.39 <3.22>	
COOLING ONLY MODEL		INDOOR UNIT		A5CC 10C		A5CC 15C		A5CC 20C		A5CC 25C		
		OUTDOOR UNIT		A5LC 10C		A5LC 15C		A5LC 20C		A5LC 25C		
NOMINAL CAPACITY - 1Ø <3Ø>		Btu/h		9500		12500		18000 <18000>		21000 <22860>		
		W		2780		3660		5280 <5280>		6155 <6700>		
50 HZ	NOMINAL TOTAL INPUT POWER - 1Ø <3Ø>		W		961		1297		1757 <1791>		2003 <2274>	
			EER - 1Ø <3Ø>		W/W		2.96		2.91		3.13 <3.07>	
POWER SOURCE - 1Ø <3Ø>		V/Ph/Hz		220 - 240 / 1 / 50				220-240/150 <380-415/3/50>				
INDOOR UNIT	AIR FLOW		HIGH		l/s / CFM		142 / 300		241 / 510		330 / 700	
			MEDIUM		l/s / CFM		123 / 260		208 / 440		321 / 680	
			LOW		l/s / CFM		104 / 220		170 / 360		293 / 620	
	EXTERNAL STATIC PRESSURE (H/M/L)		Pa (in.wg.)		49 / 39 / 29 (0.20 / 0.16 / 0.12)		49 / 39 / 20 (0.20 / 0.16 / 0.08)		64 / 58 / 34 (0.30 / 0.20 / 0.10)		55 / 39 / 29 (0.20 / 0.20 / 0.10)	
	SOUND PRESSURE LEVEL (H/M/L)		dBA		33 / 30 / 26		37 / 34 / 29		38 / 36 / 34		40 / 39 / 36	
	UNIT DIMENSION		HEIGHT		mm/in		261 / 10.28		261 / 10.28		261 / 10.28	
		WIDTH		mm/in		765 / 30.12		905 / 35.63		1065 / 41.93		
		DEPTH		mm/in		411 / 16.18		411 / 16.18		411 / 16.18		
WEIGHT				kg/lb		17 / 37.5		21 / 46.3		22 / 48.5		
SOUND PRESSURE LEVEL				dBA		46		49		52		
OUTDOOR UNIT	UNIT DIMENSION		HEIGHT		mm/in		540 / 21.3		654 / 25.7		756 / 29.8	
			WIDTH		mm/in		700 / 27.6		855 / 33.7		855 / 33.7	
			DEPTH		mm/in		250 / 9.8		328 / 12.9		328 / 12.9	
	UNIT WEIGHT				kg/lb		32 / 70.5		59 / 130.1		62 / 136.7	
	PIPE CONNECTION		TYPE		FLARE VALVE		FLARE VALVE		FLARE VALVE		FLARE VALVE	
			SIZE		LIQUID		mm/in		6.35 / 1/4		6.35 / 1/4	
		GAS		mm/in		9.52 / 3/8		12.70 / 1/2		12.70 / 1/2		

HEATPUMP MODEL		INDOOR UNIT		A5CC 28CR		A5CC 38CR		A5CC 50CR		A5CC 60CR		
		OUTDOOR UNIT		A5LC 28CR		A5LC 35CR		A5LC 40CR		A5LC 50CR		
NOMINAL COOLING CAPACITY - 1Ø <3Ø>		Btu/h		26000 <27000>		32000 <33000>		<39000>		<48000>		
		W		7620 <7910>		9380 <9670>		<11430>		<14070>		
NOMINAL HEATING CAPACITY - 1Ø <3Ø>		Btu/h		26000 <28000>		34000 <36000>		<42000>		<57000>		
		W		7620 <8210>		9960 <10550>		<12310>		<14360>		
50 HZ	NOMINAL TOTAL INPUT POWER - 1Ø <3Ø>		COOLING		W		2892 <2876>		3287 <3427>		<4173>	
			HEATING		W		2429 <2528>		2987 <3137>		<4203>	
	EER - 1Ø <3Ø>		W/W		2.73 <2.85>		3.07 <3.03>		<2.88>		<2.94>	
	COP - 1Ø <3Ø>		W/W		3.27 <3.38>		3.62 <3.64>		<3.08>		<3.42>	
COOLING ONLY MODEL		INDOOR UNIT		A5CC 28C		A5CC 38C		A5CC 50C		A5CC 60C		
		OUTDOOR UNIT		A5LC 28C		A5LC 35C		A5LC 40C		A5LC 50C		
NOMINAL CAPACITY - 1Ø <3Ø>		Btu/h		26000 <27000>		32000 <33000>		<39000>		<48000>		
		W		7620 <7910>		9380 <9670>		<11430>		<14070>		
50 HZ	NOMINAL TOTAL INPUT POWER - 1Ø <3Ø>		W		2892 <2876>		3287 <3427>		<4173>		<5115>	
			EER - 1Ø <3Ø>		W/W		2.73 <2.85>		3.07 <3.03>		<2.88>	
POWER SOURCE - 1Ø <3Ø>		V/Ph/Hz		220-240/1/50 <380-415/3/50>								
INDOOR UNIT	AIR FLOW		SUPER HIGH		l/s / CFM		401 / 850		604 / 1280		675 / 1430	
			HIGH		l/s / CFM		382 / 810		547 / 1160		623 / 1320	
			MEDIUM		l/s / CFM		363 / 770		496 / 1050		580 / 1230	
			LOW		l/s / CFM		335 / 710		434 / 920		533 / 1130	
	EXTERNAL STATIC PRESSURE (SH/H/M/L)		Pa (in.wg.)		98 / 78 / 68 / 59 (0.39 / 0.31 / 0.28 / 0.24)		118 / 96 / 78 / 61 (0.47 / 0.39 / 0.31 / 0.24)		147 / 126 / 109 / 92 (0.59 / 0.50 / 0.44 / 0.37)		147 / 120 / 90 / 69 (0.59 / 0.48 / 0.36 / 0.28)	
	SOUND PRESSURE LEVEL (SH/H/M/L)		dBA		44 / 41 / 38 / 34		52 / 49 / 48 / 45		54 / 53 / 52 / 51		54 / 52 / 50 / 46	
UNIT DIMENSION		HEIGHT		mm/in		285 / 11.22		305 / 12.0		378 / 14.9		
		WIDTH		mm/in		1007 / 39.65		1302 / 51.3		1299 / 51.1		
		DEPTH		mm/in		600 / 23.62		638 / 25.1		541 / 21.3		
WEIGHT				kg/lb		38 / 84		41 / 90		54 / 119		
SOUND PRESSURE LEVEL				dBA		54		58		68		
OUTDOOR UNIT	UNIT DIMENSION		HEIGHT		mm/in		756 / 29.8		850 / 33.46		850 / 33.46	
			WIDTH		mm/in		855 / 33.7		1030 / 40.55		1030 / 40.55	
			DEPTH		mm/in		328 / 12.9		400 / 15.75		400 / 15.75	
	UNIT WEIGHT				kg/lb		68 / 149.9		95 / 209.4		105 / 231.5	
	PIPE CONNECTION		TYPE		FLARE VALVE		FLARE VALVE		FLARE VALVE		FLARE VALVE	
			SIZE		LIQUID		mm/in		9.52 / 3/8		9.52 / 3/8	
		GAS		mm/in		15.88 / 5/8		15.88 / 5/8		15.88 / 5/8		

- 1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
- 3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW:
  - a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR
  - b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR
- 4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS B 8616 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1.5m BELOW THE CENTER OF THE UNIT. TESTED WITH 2m DUCT LENGTH AT THE AIR DISCHARGE OUTLET AND 1m DUCT LENGTH AT THE AIR RETURN INLET.
- 5) EER/COP CALCULATION IS BASED ON EFFECTIVE POWER INPUT AS PER ISO 5151.

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