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WALL MOUNTED J SERIES

Stylish Flat-Panel

Ideal blend of style and function. Regular cleaning is easier by just wiping the flat front panel. This ensures the air-conditioner will always look brand new all the time.

Comfortable Air Flow and Lower Sound Level

User given more choice on preferable fan speed, quiet mode or automatic setting. With the introduction of SCR indoor fan motor, a step-less change of fan speed results in smooth air flow and unnoticeable sound level change during fan speed change.

Higher Energy Saving



Using a more efficient compressor and superior R410A refrigerant, A5WM-J series achieves the highest European Energy Rating of A/A. This ensures high energy saving on daily usage.

A(5)WM-J series participates in the Eurovent Certification Programme under category of Comfort Air Conditioners rated below12kW cooling capacity (AC1). The certified data for the certified models are listed in the Eurovent Directory.



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Better Indoor Air Quality (IAQ) Using Bio-Engineering

Bio-Pro is an IAQ solution which combines superior cleansing and purifying of Bio Antibody filter with more effective deodorizing features of the Titanium Apatite filter. Working in tandem, both technologically- advanced air filters offer a higher level of IAQ and room comfort.

PRO PRO

Protection 1 - Bio Antibody Filter

- A special moisture-retaining filter material containing IgY antibody obtained by Extraction Technique.
- Neutralization of virus as a result of natural antigen-antibody reaction.
- Deactivates up to 99.99% various airborne infectious viruses within 1 minute.*

* Proven through joint research with Waseda University (Japan), Japanese Ministry of Health, Labor & Welfare and National Institute of Infectious Diseases (Japan).

Protection 2 - Titanium Apatite Filter

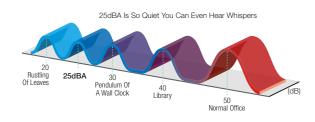
- A new material combining the absorption capability of apatite and the photo catalyst capability of titanium oxide.
- Dissolves absorbed substance such as odors and harmful airborne particles into harmless Water (H2O) and Carbon Dioxide (CO2) by photo catalytic process.
- With addition of Apatite, absorption power is double and dissolution efficiency is also improved.

* Bio-Pro is offered as optional accessories

Dindoor Quiet Mode

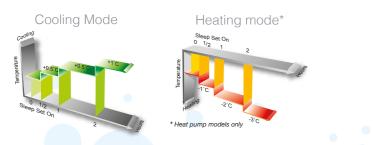
This series gives you five selectable fan speeds. Its wide range of setting allows you to precisely control your preferable fan speed.

By selecting quiet mode, the operational sound level can be reduced to an unobtrusive 25 dBA.



Sleep Mode

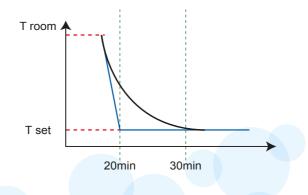
Once activated, sleep mode ensures a comfortable environment for restful sleep. Depending on the mode, set temperature is increased / decreased gradually according to normal sleeping temperature patterns.



Nurbo Mode

TURBO function is available in COOL, HEAT and DRY modes only. Once turbo mode is activated, the air-conditioner will run into full power with indoor fan running at maximum speed for 20 minutes. This enables the required set temperature to be achieved in a short time.

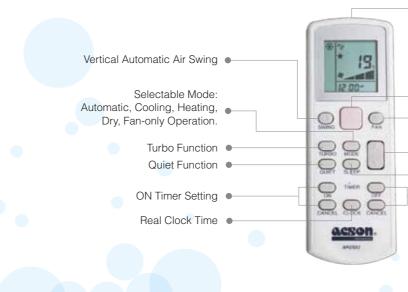
* If TURBO and SLEEP are activated at the same time, the SLEEP mode timer will be reset, it will resume after TURBO function is cleared.



Auto Restart with Last Setting Condition

In the event of a sudden power failure during operation, unit can be automatically restart (subject to certain protection conditions) from last setting condition. This eliminates the need to restart manually after each power failure.

New APGS02 Wireless Remote Controller







- Transmission Source
- ON/OFF Button
- Fan Speed Selection: Low, Med, High, Auto
- Temperature Setting: Up & Down
- Sleep Mode Function
- OFF Timer Setting

R-410A WALL-MOUNTED J-SERIES

HEATPUMP MODEL INDOOR UNIT OUTDOOR UNIT NOMINAL COOLING CAPACITY				A5WM10JR	A5WM15JR	
		OUTDOOR UNIT	Btu/h	A5LC10CRJ 9040	A5LC15CRJ 10750	
		W	2650	3150		
			Btu/h	9550	11530	
	TING CAPACITY		W	2800	3380	
NOMINAL TOT	AL INPUT POWER	COOLING	W	825	1094	
		HEATING COOLING	W A	<u>775</u> 3.70	988 5.10	
NOMINAL RUN	NING CURRENT	HEATING	A	3.20	4.70	
EER			W/W	3.21	2.88	
COP			W/W	3.61	3.42	
COOLING ONL	Y MODEL	INDOOR UNIT		A5WM10J	A5WM15J	
		OUTDOOR UNIT	Btu/h	A5LC10CJ 9040	A5LC15CJ 10750	
NOMINAL CAP	ACITY	_	W	2650	3150	
NOMINAL TOT	AL INPUT POWER		Ŵ	825	1094	
NOMINAL RUNNING CURRENT		A	3.70	5.10		
EER		W/W	3.21	2.88		
POWER SOURCE		V/Ph/Hz	220-240/1/50	220-240/1/50		
		TURBO HIGH	cfm cfm	351 335	361 346	
	AIR FLOW	MEDIUM	cfm	279	293	
1		LOW	cfm	222	233	
INDOOR		SILENT	cfm	208	226	
UNIT	SOUND PRESSURE		dBA	38 / 33 / 27 / 25	40 / 35 / 29 / 27	
		HEIGHT	mm	288	288	
l	JNIT DIMENSION	WIDTH DEPTH	mm	<u> </u>	800	
ī	JNIT WEIGHT		kg	9	9	
	AIR FLOW (HIGH)		cfm	840	969	
	SOUND PRESSURE		dBA	46	49	
OUTDOOR		HEIGHT	mm	540	540	
JNIT	JNIT DIMENSION	WIDTH DEPTH	mm mm	<u>700</u> 250		
ī	JNIT WEIGHT		kg	30	30	
		PRE-CHARGED	m	7.5	7.5	
PIPIE LENGTH		MAX LENGTH	m	12	12	
	TYPE	MAX HEIGHT	m	5 FLARE VALVE	5 FLARE VALVE	
		LIQUID	mm / in	6.35 / ¼	6.35 / 1/4	
CONNECTION SIZE		GAS	mm / in	9.52 / 3/8	12.70 / 1⁄2	
		COOLING	°C DB	19~46	19 ~ 46	
		HEATING	°C WB	-9 ~ 18	-9 ~ 18	
HEATPUMP MODEL INDOOR UNIT				A5WM20JR	A5WM25JR	
		OUTDOOR UNIT	Btu/h	A5LC20CRJ 17900	A5LC25CRJ 20500	
NOMINAL COC	LING CAPACITY	-	W	5250	6010	
	TING CAPACITY		Btu/h	18000	21000	
	ING CAFACITT		W	5280	6150	
NOMINAL TOT	AL INPUT POWER	COOLING	W	1635	1870	
		HEATING	W	<u>1490</u> 7.19	<u>1800</u> 8.26	
NOMINAL RUN	NING CURRENT	COOLING	A	6.53	7.99	
EER			W/W	3.21	3.21	
COP			W/W	3.54	3.42	
COOLING ONL	Y MODEL	INDOOR UNIT		A5WM20J	A5WM25J	
		OUTDOOR UNIT	Dtu/b	A5LC20CJ	A5LC25CJ	
NOMINAL CAP	ACITY		Btu/h	17900	20500	
NOMINAL TOT	AL INPUT POWER		W	5250 1635	<u> </u>	
NOMINAL RUNNING CURRENT		A	7.19	8.26		
EER		W/W	3.21	3.21		
POWER SOUR	CE	TUDDO	V/Ph/Hz	220-240/1/50	220-240/1/50	
INDOOR UNIT	AIR FLOW	TURBO	cfm	570	641	
		HIGH MEDIUM	cfm cfm	<u>536</u> 478	<u>614</u> 537	
		LOW	cfm	478 424	474	
		SILENT	cfm	375	418	
	SOUND PRESSUR	RE LEVEL (H/M/L/SL)	dBA	42 / 39 / 36 / 34	46 / 43 / 40 / 37	
		HEIGHT	mm	310	310	
	UNIT DIMENSION		mm	1065	1065	
	DEPTH UNIT WEIGHT			<u> </u>	224	
	AIR FLOW (HIGH)		kg cfm	1263	14	
	SOUND PRESSURE LEVEL		dBA	52	51	
OUTDOOR		HEIGHT	mm	654	756	
UNIT	UNIT DIMENSION		mm	855	855	
	DEPTH		mm	<u>328</u> 47	<u>328</u> 50	
	UNIT WEIGHT	PRE-CHARGED	kg m	7.5	7.5	
		MAX LENGTH	m	15	15	
PIPIE LENGTH	PIPIE LENGTH		m	8	8	
PIPIE LENGTH					FLARE VALVE	
PIPE	TYPE		mm / in	FLARE VALVE		
PIPE		LIQUID	mm / in mm / in	6.35 / 1/4	6.35 / 1/4	
PIPIE LENGTH PIPE CONNECTION OPERATING R	SIZE	LIQUID GAS COOLING	mm / in mm / in °C DB			

ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
 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

 SOUND PRESSURE LEVEL ARE ACCORDING TO JIS C 9612 STANDARD.

 POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 0.8m BELOW THE UNIT.

R-22 WALL-MOUNTED J-SERIES

HEATPUMP MODEL INDOOR UNIT			AWM 09JR	AWM 15JR	
		Btu/h	ALC 09CR 8400	ALC 15CR 11800	
NOMINAL COOLING CAPACITY			W	2460	3460
			Btu/h	9000	13000
UMINAL HEA	TING CAPACITY		W	2640	3810
	AL INPUT POWER	COOLING	W	925	1192
		HEATING	W	750	1064
OMINAL RUN	NING CURRENT	COOLING	A	<u>4.10</u> 3.40	5.50
ER		HEATING	A W/W	2.66	2.90
COP			W/W	3.52	3.58
		INDOOR UNIT		AWM 09J	AWM 15J
COOLING ONLY	YMODEL	OUTDOOR UNIT		ALC 09C	ALC 15C
NOMINAL CAP	ACITY		Btu/h	8400	12000
	AL INPUT POWER		W	2460	3520
			A	925 4.10	<u>1176</u> 5.40
NOMINAL RUNNING CURRENT EER		w/w	2.66	2.99	
OWER SOUR	CE		V/Ph/Hz	220-240/1/50	220-240/1/50
		TURBO	cfm	325	361
		HIGH	cfm	309	346
A	AIR FLOW	MEDIUM	cfm	265	293
IDOOD		LOW	cfm	223	240
NDOOR		SILENT	cfm	207	226
NIT	SOUND PRESSURE	LEVEL (H/M/L/SL) HEIGHT	dBA	38 / 33 / 27 / 25 288	40 / 35 / 29 / 27 288
	JNIT DIMENSION	WIDTH	mm mm	288 800	800
		DEPTH	mm	206	206
L	JNIT WEIGHT		kg	9	9
A	AIR FLOW (HIGH)		cfm	740	969
	SOUND PRESSURE		dBA	46	49
UTDOOR		HEIGHT	mm	495	540
INIT L	JNIT DIMENSION	WIDTH DEPTH	mm	<u>600</u> 245	
T	JNIT WEIGHT	DEFIN	mm kg	245	30
		PRE-CHARGED	m	7.5	7.5
PIPIE LENGTH		MAX LENGTH	m	12	12
		MAX HEIGHT	m	5	5
IPE	TYPE	LIQUID	mm / in	FLARE VALVE 6.35 / ¼	FLARE VALVE 6.35 / ¼
ONNECTION	SIZE	GAS	mm / in	9.52 / 3/8	12.70 / ½
PERATING R	ANGE	COOLING	°C DB	19~46	19 ~ 46
MINIMUM ~ MA	aximum)	HEATING	°C WB	-9 ~ 18	-9 ~ 18
HEATPUMP MODEL			AWM 20JR	AWM 25JR	
IEATPUMP M	JUEL	OUTDOOR UNIT			
	DDEL	OUTDOOR UNIT	D4://	ALC 20CR	ALC 25CR
	LING CAPACITY	OUTDOOR UNIT	Btu/h	19500	24000
IOMINAL COO	LING CAPACITY	OUTDOOR UNIT	W	19500 5720	24000 7030
IOMINAL COO		OUTDOOR UNIT	W Btu/h	19500 5720 19500	24000 7030 25000
IOMINAL COO	LING CAPACITY	-	W	19500 5720 19500 5720	24000 7030 25000 7330
IOMINAL COO	LING CAPACITY	COOLING HEATING	W Btu/h W	19500 5720 19500 5720 1850	24000 7030 25000
IOMINAL COO IOMINAL HEAT	LING CAPACITY TING CAPACITY AL INPUT POWER	COOLING	W Btu/h W W	19500 5720 19500 5720	24000 7030 25000 7330 2530
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL RUNI	LING CAPACITY	COOLING HEATING	W Btu/h W W A A A	19500 5720 19500 5720 1850 1750 8.21 7.73	24000 7030 25000 7330 2530 2465 11.30 11.01
ominal coo ominal heat ominal tota ominal runi er	LING CAPACITY TING CAPACITY AL INPUT POWER	COOLING HEATING COOLING	W Btu/h W W A A A W/W	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09	24000 7030 25000 7330 2530 2530 2465 11.30 11.01 2.78
Iominal Coo Iominal Heat Iominal Tota Iominal Runi Er	LING CAPACITY TING CAPACITY AL INPUT POWER	COOLING HEATING COOLING HEATING	W Btu/h W W A A A	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97
IOMINAL COO IOMINAL HEAT IOMINAL TOTA IOMINAL RUNI ER IOP	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT	COOLING HEATING COOLING HEATING INDOOR UNIT	W Btu/h W W A A A W/W	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AWM 25J
Iominal Coo Iominal Heat Iominal Tot <i>i</i> Iominal Runi Er Iop Iop Iooling Onl'	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL	COOLING HEATING COOLING HEATING	W Btu/h W W A A A W/W	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C
ominal coo ominal heat ominal tot/ ominal runi er op ooling onl'	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL	COOLING HEATING COOLING HEATING INDOOR UNIT	W Btu/h W W A A W/W W/W Btu/h	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000
ominal coo ominal heat ominal tota ominal runi er op ooling only ominal capa	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL	COOLING HEATING COOLING HEATING INDOOR UNIT	W Btu/h W W A A A W/W W/W	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL RUNI ER OP OOLING ONLY OMINAL CAPA	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY	COOLING HEATING COOLING HEATING INDOOR UNIT	W Btu/h W W A W/W W/W Btu/h W A M/W	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000 7030 2530 11.30
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL RUNI ER OP OOLING ONL' OMINAL CAP/ OMINAL TOTA OMINAL TOTA ER	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT	COOLING HEATING COOLING HEATING INDOOR UNIT	W Btu/h W W A M/W W/W Btu/h W W W/W	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000 7030 2530 11.30 2530
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL RUNI ER OP OOLING ONL' OMINAL CAP/ OMINAL TOTA OMINAL TOTA ER	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT	W Btu/h W W A A W/W W/W Btu/h Btu/h W W/W W/W W/W V/Ph/Hz	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000 7030 2530 11.30 2530 11.30 2.78 2.78 220-240/1/50
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL RUNI ER OP OOLING ONL' OMINAL CAP/ OMINAL TOTA OMINAL TOTA ER	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT	W Btu/h W W A W/W W/W Btu/h W W V/W V/W V/W V/W V/W V/W W Cfm	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 202-240/1/50 570	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AVVM 25J ALC 25C 24000 7030 2530 11.30 2530 11.30 2.78 220-240/1/50 641
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL RUNI ER OP OOLING ONL' OMINAL CAP/ OMINAL TOTA OMINAL TOTA ER	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT CE	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT	W Btu/h W W A A W/W W/W Btu/h W W W V/W WW V/W V/W V/W V/Ph/Hz cfm cfm	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 1850 8.21 3.09 220-240/1/50 570 536	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000 7030 2530 11.30 2.78 220-240/1/50 641 614
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL RUNI ER OP OOLING ONL' OMINAL CAP/ OMINAL TOTA OMINAL TOTA ER	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT	W Btu/h W W A A W/W W/W Btu/h W W/W V/W V/W V/W V/W Cfm cfm cfm	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50 570 536 478	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000 7030 2530 11.30 2.78 220-240/1/50 641 614 537
OMINAL COO OMINAL HEAT OMINAL TOT/ OMINAL RUNI ER OP OOLING ONLY OMINAL CAP/ OMINAL CAP/ OMINAL TOT/ OMINAL RUNI ER OWER SOUR(LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT CE	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT TURBO HIGH MEDIUM LOW	W Btu/h W W W A W/W W/W W/W W V/Ph/Hz cfm cfm cfm cfm cfm cfm cfm cfm cfm	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50 570 536 478 424	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000 7030 2530 11.30 2.78 220-240/1/50 641 614
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL RUNI ER OP OOLING ONL' OMINAL CAPA OMINAL CAPA OMINAL TOTA OMINAL TOTA OMINAL RUNI ER OWER SOURG	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT CE	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT	W Btu/h W W A A W/W W/W Btu/h W W/W V/W V/W V/W V/W Cfm cfm cfm	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50 570 536 478	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AVW 25J ALC 25C 24000 7030 2530 11.30 2.78 220-240/1/50 641 614 537 474
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL RUNI ER OP OOLING ONL' OMINAL CAPA OMINAL CAPA OMINAL TOTA OMINAL TOTA OMINAL RUNI ER OWER SOURG	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT CE AIR FLOW SOUND PRESSURI	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT TURBO HIGH MEDIUM LOW SILENT E LEVEL (H/M/L/SL) HEIGHT	W Btu/h W W W A W/W W/W Btu/h W W YW A W/W V/W Cfm	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50 570 570 536 478 424 3.75	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000 7030 2530 11.30 2530 11.30 2.78 220-240/1/50 641 614 537 474 418
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL RUNI ER OP OOLING ONL' OMINAL CAPA OMINAL CAPA OMINAL TOTA OMINAL TOTA OMINAL RUNI ER OWER SOURG	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT CE AIR FLOW	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT TURBO HIGH MEDIUM LOW SILENT E LEVEL (H/M/L/SL) HEIGHT WIDTH	W Btu/h W W W A W/W W/W Btu/h W M V/W V/W Cfm cfm cfm cfm cfm cfm cfm cfm cfm mm mm	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50 570 536 478 424 375 42 / 39 / 36 / 34 310 1065	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000 7030 2530 11.30 2.78 220-240///50 641 614 537 474 418 46 / 43 / 40 / 37 310 1065
DMINAL COO DMINAL HEAT DMINAL TOTA DMINAL TOTA DMINAL RUNI ER DOOLING ONL' DMINAL CAPA DMINAL CAPA DMINAL RUNI ER DWER SOURA DWER SOURA	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT CE AIR FLOW SOUND PRESSURI UNIT DIMENSION	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT TURBO HIGH MEDIUM LOW SILENT E LEVEL (H/M/L/SL) HEIGHT	W Btu/h W W W A A W/W WW Btu/h W Btu/h W Cfm mm mm mm mm	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50 570 536 478 424 375 42/39/36/34 310 1005 224	24000 7030 25000 7330 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000 7030 2530 11.30 2.78 220-240///50 641 614 614 537 474 418 46 / 43 / 40 / 37 310 1065 224
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL TOTA OMINAL RUNI ER OOLING ONL' OMINAL CAPA OMINAL CAPA OMINAL TOTA OMINAL TOTA OMINAL RUNI ER OWER SOURG	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT CE AIR FLOW SOUND PRESSURI UNIT DIMENSION UNIT WEIGHT	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT TURBO HIGH MEDIUM LOW SILENT E LEVEL (H/M/L/SL) HEIGHT WIDTH	W Btu/h W W W A M/W W/W Btu/h Btu/h W WW V/W W Gfm cfm cfm cfm dBA mm mm mm kg	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50 570 536 478 42/4 375 42/39/36/34 310 1065 224 14	24000 7030 25000 7330 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000 7030 2530 11.30 2.78 220-240/1/50 641 614 537 474 48 46 / 43 / 40 / 37 310 1065 224 14
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL RUNI ER OP OOLING ONL' OMINAL CAPA OMINAL CAPA OMINAL TOTA OMINAL TOTA OMINAL RUNI ER OWER SOURG	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT CE AIR FLOW UNIT DIMENSION UNIT WEIGHT AIR FLOW (HIGH)	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT UNDOOR UNIT OUTDOOR UNIT	W Btu/h W W W A W/W W/W Btu/h W W V/W V/W V/W Gm Cfm cfm cfm cfm cfm cfm cfm cfm mm mm Mg	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50 570 536 478 424 375 42/39/36/34 310 1065 224 14	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AVM 25J ALC 25C 24000 7030 2530 11.30 2.78 220-240/1/50 641 614 537 474 418 46/43/40/37 310 1065 224 14
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL RUNI ER OP OOLING ONL' OMINAL CAPA OMINAL CAPA OMINAL TOTA OMINAL TOTA OMINAL RUNI ER OWER SOURG	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT CE AIR FLOW SOUND PRESSURI UNIT DIMENSION UNIT WEIGHT	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT UNDOOR UNIT OUTDOOR UNIT UNDOOR UNIT OUTDOOR UNIT OUTOOR UNIT OUTOOR UNIT OUTOO OUTDOOR UNI	W Btu/h W W W A W/W W/W Btu/h W W Btu/h W Cfm dBA mm mm MBA	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50 570 536 478 424 375 42/39/36/34 310 1065 224 14 1300 51	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000 7030 2530 11.30 2530 11.30 2.78 220-240/1/50 641 614 537 474 418 46/43/40/37 310 1065 224 14 14 1460 52
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL RUNI ER OP OOLING ONL' OMINAL CAPA OMINAL CAPA OMINAL TOTA OMINAL TOTA OMINAL TOTA OMINAL RUNI ER OWER SOURC	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT CE AIR FLOW SOUND PRESSURI UNIT DIMENSION UNIT WEIGHT AIR FLOW (HIGH) SOUND PRESSURI	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT ELEVEL (H/M/L/SL) HEIGHT WIDTH DEPTH	W Btu/h W W W A W/W W/W Btu/h W W V/W V/W V/W Gm Cfm cfm cfm cfm cfm cfm cfm cfm mm mm Mg	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50 570 536 478 424 375 536 478 424 375 536 478 424 375 536 478 424 310 1065 224 14 1300 51 654	24000 7030 25000 7330 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000 7030 2530 11.30 2.78 220-240/1/50 641 614 537 474 418 46 / 43 / 40 / 37 310 1065 224 14 1460 52 756
OMINAL COO OMINAL HEAT OMINAL TOTA OMINAL RUNI ER OP OOLING ONL' OMINAL CAPA OMINAL CAPA OMINAL TOTA OMINAL TOTA OMINAL TOTA OMINAL RUNI ER OWER SOURC	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT CE AIR FLOW UNIT DIMENSION UNIT WEIGHT AIR FLOW (HIGH)	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT ELEVEL (H/M/L/SL) HEIGHT WIDTH DEPTH	W Btu/h W W A A W/W WW Btu/h W WW WW WW WW V/W V Gfm cfm cfm cfm cfm cfm dBA mm mm MM	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50 570 536 478 424 375 42/39/36/34 310 1065 224 14 1300 51	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000 7030 2530 11.30 2530 11.30 2.78 220-240/1/50 641 614 537 474 418 46/43/40/37 310 1065 224 14 14 1460 52
IOMINAL COO IOMINAL HEAT IOMINAL TOTA IOMINAL RUNI ER IOODING ONL' IOMINAL CAPA IOMINAL CAPA IOMINAL CAPA IOMINAL TOTA IOMINAL TOTA IOMINAL RUNI ER IOWER SOURC	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT CE AIR FLOW SOUND PRESSURI UNIT DIMENSION UNIT WEIGHT AIR FLOW (HIGH) SOUND PRESSURI	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT	W Btu/h W W A A W/W WW Btu/h W W WW WW WW WW V/W VV Gfm cfm cfm cfm cfm cfm cfm dBA mm mm mm kg mm kg	19500 5720 19500 5720 1850 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50 570 536 478 424 375 42/39/36/34 310 1065 224 14 1300 51 654 855 328 48	24000 7030 25000 7330 2465 11.30 11.01 2.78 2.97 AWM 25J ALC 25C 24000 7030 2530 11.30 2530 11.30 2530 11.30 2530 414 614 614 614 537 474 46/43/40/37 310 1065 224 14 1460 52 756 855 328 56
IOMINAL COO IOMINAL HEAT IOMINAL TOTA IOMINAL TOTA IOMINAL RUNI ER IOOP IOOLING ONL' IOMINAL CAPA IOMINAL CAPA IOMINAL CAPA IOMINAL CAPA IOMINAL CAPA IOMINAL CAPA IOMINAL CAPA IOMINAL CAPA IOMINAL CAPA	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT CE AIR FLOW SOUND PRESSUR UNIT DIMENSION UNIT WEIGHT AIR FLOW (HIGH) SOUND PRESSUR UNIT DIMENSION	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT UNDOOR UNIT OUTDOOR UNIT UNDOR UNIT OUTDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT UNIT LEVEL (H/M/L/SL) HEIGHT WIDTH DEPTH E LEVEL HEIGHT WIDTH DEPTH PRE-CHARGED	W Btu/h W W W A W/W W/W Btu/h W W W/W W/W V/W V/W Gfm cfm cfm cfm cfm cfm cfm cfm dBA mm mm mm mm kg cfm kg mm mm	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50 570 536 478 424 375 42/39 / 36 / 34 310 1065 224 14 1300 51 654 855 328 48 7.5	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AVM 25J ALC 25C 24000 7030 2530 11.30 2.78 220-240/1/50 641 614 537 474 418 46/43/40/37 310 1065 224 14 14 1460 552 756 855 328 56 7.5
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IOMINAL COO IOMINAL HEAT IOMINAL TOT/ IOMINAL TOT/ IOMINAL RUNI ER IOP IOOLING ONL' IOMINAL CAP/ IOMINAL CAP/	LING CAPACITY TING CAPACITY AL INPUT POWER NING CURRENT Y MODEL ACITY AL INPUT POWER NING CURRENT CE AIR FLOW SOUND PRESSURI UNIT DIMENSION UNIT WEIGHT AIR FLOW (HIGH) SOUND PRESSURI UNIT DIMENSION UNIT WEIGHT	COOLING HEATING COOLING HEATING INDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT OUTDOOR UNIT UNDOOR UNDOOR UNIT UNDOOR UNIT UNDOOR UNIT	W Btu/h W Btu/h W W W A A A W/W W/W Btu/h W Btu/h W Btu/h W A Btu/h W V/Ph/Hz cfm cfm cfm cfm cfm cfm dBA mm mm mm mm kg cfm dBA mm mm mm kg m mm mm	19500 5720 19500 5720 1850 1750 8.21 7.73 3.09 3.27 AWM 20J ALC 20C 19500 5720 1850 8.21 3.09 220-240/1/50 570 536 478 424 375 42/39/36/34 310 1065 224 14 14 1300 51 654 855 328 48 7.5 15 8 8 55 328 48 7.5 15 8 8 55 53 53 53 53 53 53 53 53 53 53 53 53	24000 7030 25000 7330 2530 2465 11.30 11.01 2.78 2.97 AVM 25J ALC 25C 24000 7030 2530 11.30 2.78 220-240/1/50 641 614 537 474 418 46/43/40/37 310 1065 224 14 14 1460 52 756 855 328 56 7.5 15 8 FLARE VALVE
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HEATPUMP MC		INDOOR UNIT		
	DEL	OUTDOOR UNIT		
	LING CAPACITY		Btu/h	
NOMINAL COO	LING CAPACITY		W	
	TING CAPACITY		Btu/h	
			W	
	AL INPUT POWER	COOLING	W	
NOMINAL TOTA		HEATING	W	
NOMINAL RUN	NING CURRENT	COOLING	A	
		HEATING	A	
EER			W/W	
COP			W/W	
COOLING ONLY	Y MODEL	INDOOR UNIT		
		OUTDOOR UNIT		
NOMINAL CAP	ACITY		Btu/h	
		W		
NOMINAL TOTA	AL INPUT POWER		W	
NOMINAL RUNI	NING CURRENT		A	
EER	W/W			
POWER SOUR	CE		V/Ph/Hz	
		TURBO	cfm	
	AIR FLOW	HIGH	cfm	
		MEDIUM	cfm	
		LOW	cfm	
INDOOR		SILENT	cfm	
UNIT	SOUND PRESSUR	dBA		
	UNIT DIMENSION	HEIGHT	mm	
		WIDTH	mm	
		DEPTH	mm	
	UNIT WEIGHT	kg		
	AIR FLOW (HIGH)		cfm	
	SOUND PRESSUR	dBA		
OUTDOOR		HEIGHT	mm	
UNIT	UNIT DIMENSION	WIDTH	mm	
		DEPTH	mm	
	UNIT WEIGHT	kg		
		PRE-CHARGED	m	
PIPIE LENGTH		MAX LENGTH	m	
		MAX HEIGHT	m	
PIPE	TYPE			
CONNECTION	SIZE	LIQUID	mm / in	
	0.22	GAS	mm / in	
OPERATING RA		COOLING	°C DB	
(MINIMUM ~ MA	AXIMUM)	HEATING	°C WB	

ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.
 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 / 19°C WB INDOOR AND 3°C DB / 26°C WB OUTDOOR

 SOUND PRESSURE LEVEL ARE ACCORDING TO JIS C 9612 STANDARD.

 POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 0.8m BELOW THE UNIT.