

# SAMSUNG LIGHT COMMERCIAL PRODUCT CATALOG

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CACCT 07.2018 - V5

# STANDARD FEATURES

### APPLIES TO ALL LIGHT COMMERCIAL MODELS



### 7-Day Programming\*

Set the desired operation mode, temperature and fan speed to operate based on weekly schedules.



### **Auto Restart**

When the system turns back on, after being turned off or after a power failure, all previous settings, including temperature, will be retained.



### Compatible with DVM S Central Controls

No additional interface modules/adapters are required when connecting to Samsung NASA DVM S central controllers.



### **Energy Efficiency**

All Samsung systems feature a high energy efficient Digital Inverter compressor. The system maintains the desired temperature without frequently shutting the compressor off and on, greatly reducing power consumption.



### **Fast Cooling and Heating**

When you turn the system on, it will use the compressor's maximum capacity to quickly reach the desired temperature. (Excludes -40° Low Ambient Cooling)



### FMC (Flat Micro-Channel Condenser Coil)

The Samsung outdoor unit's FMC (Flat Micro-Channel Condenser Coil) feature achieves higher efficiency compared to conventional fin and tube type. (Excludes Slim Duct and 12K High Wall)



### Lightweight

The reduced weight of the Samsung indoor units makes it easier to handle during installation and maintenance. (Excludes Multi-Position Air Handler and -40° Low Ambient Cooling)

# STANDARD FEATURES

### APPLIES TO ALL LIGHT COMMERCIAL MODELS



### **Optional Wi-Fi Control Capabilities**

Control and monitoring of the system can be done from anywhere with an internet connection.



### **Pre Filter**

Samsung systems are equipped with a Pre Filter that traps dust particles, which helps keep the room clean and fresh. (Excludes Multi-Position Air Handler)



### **Quiet Mode**

Select the quiet mode to lower the fan noise level. (Excludes Multi-Position Air Handler)



### Twin Rotary BLDC Compressor

Samsung outdoor units utilize twin rotary BLDC compressors with highly stable moving parts, resulting in reduced torque variation as compared to a conventional single BLDC compressor. (Excludes 9K and 12K Slim Duct, and 12K High Wall)



### **Various Pipe Installation Options**

The condensing unit provides four different ways to connect the piping. This feature provides great flexibility during installation, and gives a clean and organized look after the job is complete. (Excludes Slim Duct, 18K Multi-Position Air Handler, 12K and 18K High Wall, and -40° Low Ambient Cooling)



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### AVAILABLE CAPACITIES (Btu/h) - 18,000 | 24,000 | 30,000 | 36,000 | 42,000 | 48,000









Open-type panel

Ceiling-type panel

### **Model Features**

### Circular Design

The innovative circular design blends harmoniously into any type of interior design.

### **Bladeless**

Using internal booster fans, the direction of the airflow can be controlled without blades by creating low pressure areas near the air outlet.

### **Surround Airflow**

360 degree airflow ensures optimal airflow to reduce hot and cold spots in a room.

### Various Style Options

Offered in both black and white for opentype (circle) and ceiling-type (square) fascia panel options.

### **Standard Features\*\***

7-Day Programming<sup>1</sup>
Auto Restart
Compatible with DVM S Central Controls
Energy Efficient
Fast Cooling and Heating

FMC (Flat Micro-Channel Condenser Coil) Lightweight Optional Wi-Fi Control Capabilities Pre Fitter Quiet Mode Twin Rotary BLDC Compressor Various Pipe Installation Options AHRI Certified ETL Listed

### **Convenience Features:**

- · Ceiling Dust Prevention
- · Easy Leveling
- Innovative Turbo Fan
- · Drain Water Overflow Protection
- Electro-static, Washable, Pleated Filter
- Away Mode<sup>1</sup>
- · High Lift Drain Pump

### **Optional Controllers<sup>2</sup>**

MWR-SH00N

MWR-SH10N

MWR-WE13N

AR-KH00U



### WARRANTY

10 YEAR COMPRESSOR | 10 YEAR PARTS | 1 YEAR LIMITED LABOR Product registration required.

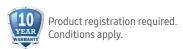
Conditions apply.



Requires accessory controls (sold separately)

### SPECIFICATIONS - 18,000 | 24,000

MODEL	INDOOR UNIT		AC018KN4DCH/AA	AC024KN4DCH/AA
MODEL	OUTDOOR UNIT		AC018JXADCH/AA	AC024JXADCH/AA
		COOLING	18,000 Btu/h	24,000 Btu/h
	CAPACITY	HEATING	20,000 Btu/h	27,000 Btu/h
		COOLING	5,000 - 21,000 Btu/h	7,000 - 27,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	3,800 - 25,000 Btu/h	5,200 - 31,000 Btu/h
	SEER / EER	-	20.10 / 11.40	20.50 / 11.10
	СОР		3.66	3.20
	HSPF		10.0	10.0
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX. BREAKER	97 T7 112	15 A	20 A
· OWER	MIN. CIRCUIT AMPACIT	Y	8.1 A	12.06 A
		T.		
	WXHXD	INDOOR	37 1/4 X 11 X 37 1/4 in.	37 1/4 X 11 X 37 1/4 in.
DIMENSIONS		OUTDOOR	34 5/8 X 25 1/8 X 12 1/4 in.	37 X 39 11/16 X 13 in.
	WEIGHT	INDOOR	46.3 lbs.	46.3 lbs.
		OUTDOOR	99 lbs.	142 lbs.
SOUND PRESSURE	INDOOR	L/M/H	29 / 32 / 35 dB(A)	29 / 33 / 36 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	48 / 48 dB(A)	50 / 50 dB(A)
OPERATING	OUTDOOR	COOLING	(0*) 23 ≤T≤115°F	(0*) 23 ≤T≤115°F
TEMPERATURE	OUTDOOR	HEATING	-4 ≤ T ≤ 76°F	-4 ≤ T ≤ 76°F
		HIGH SIDE (FLARE)	1/4 in.	1/4 in.
	INDOOR & OUTDOOR	LOW SIDE (FLARE)	1/2 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		98 ft.	164 ft.
	MAX. VERTICAL SEPARATION		66 ft.	98 ft.
	CONDENSATE CONNEC	TION	1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID
	TYPE			· · · · · · · · · · · · · · · · · · ·
REFRIGERANT	FACTORY CHARGE		R410A 45.86 oz.	R410A 74.08 oz.
KEFRIGERANI	CHARGED FOR			
COMPRESSOR	TYPE		25 ft.	25 ft.
COMPRESSOR			Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
EVAPORATOR FAN	TYPE	CEM (L. / M. / LD)	BLDC (1) With Turbo Type Fan (1)	BLDC (1) With Turbo Type Fan (1)
	AIR VOLUME	CFM (L/M/H)	480 / 547 / 646	480 / 547 / 646
CONDENSER FAN	MOTOR		BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (1)
	CFM (MAX.)		1,550	2,190
		WHITE	PC4NUDMAN	PC4NUDMAN
	CEILING TYPE (SQUARE)	BLACK	PC4NBDMAN	PC4NBDMAN
		LXWXH	39 3/8 X 39 3/8 X 2 5/8 in.	39 3/8 X 39 3/8 X 2 5/8 in.
FASCIA PANEL		WEIGHT	7.94 lbs.	7.94 lbs.
(SOLD SEPARATELY)		WHITE	PC4NUNMAN	PC4NUNMAN
	OPEN TYPE (CIRCLE)	BLACK	PC4NBNMAN	PC4NBNMAN
	OT EIV TITE (GIRGLE)	LXWXH	41 5/16 X 3 11/16 in.	41 5/16 X 3 11/16 in.
		WEIGHT	5.95 lbs.	5.95 lbs.
		SIMPLIFIED	MWR-SH00N	MWR-SH00N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
		PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPTE	R (24VAC)	TADPT2	TADPT2
	WIRELESS CONTROLLE	R	AR-KH00U	AR-KH00U
	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
	EXTERNAL TEMPERATU	JRE SENSOR	MRW-TA	MRW-TA
ACCESSORIES	EXTERNAL CONTACT C		MIM-B14	MIM-B14
ACCESSORIES				
	CENTRAL CONTROL INTERFACE MODULE FOR CONNECTION TO DVM PLUS CONTROLS (NON-NASA)		MIM-N01	MIM-N01
		PLUS CONTROLS (NON-NASA)		
			CKN-250	CKN-250
	CONNECTION TO DVM I WALL BRACKET (FOR O		CKN-250 WBF-4M	CKN-250 WBF-2M
	CONNECTION TO DVM	UTDOOR UNIT)	WBF-4M	WBF-2M
	CONNECTION TO DVM I WALL BRACKET (FOR O WIND BAFFLE/GUARD	UTDOOR UNIT) FRONT		





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\*With Wind Baffles

### SPECIFICATIONS - 30,000 | 36,000

	INDOOR UNIT		AC030KN4DCH/AA	AC036KN4DCH/AA
MODEL	OUTDOOR UNIT		AC030JXADCH/AA	AC036JXADCH/AA
		COOLING	30,000 Btu/h	36,000 Btu/h
	CAPACITY	HEATING	32,000 Btu/h	40,000 Btu/h
		COOLING	9,300 - 35,000 Btu/h	14,000 - 41,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	9,000 - 38,000 Btu/h	11.500 - 48.000 Btu/h
	SEER / EER		19.20 / 10.40	20.70 / 12.00
	COP		3.06	3.40
	HSPF		9.9	9.7
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX. BREAKER	Ø/ V/ NZ	30 A	35 A
FOWER	MIN. CIRCUIT AMPACIT	v	19.7 A	22.08 A
	MIN. CIRCOTT AMI ACTI	1		
	WXHXD	INDOOR	37 1/4 X 14 3/8 X 37 1/4 in.	37 1/4 X 14 3/8 X 37 1/4 in.
DIMENSIONS		OUTDOOR	37 X 39 11/16 X 13 in.	37 X 48 X 13 in.
	WEIGHT	INDOOR	52.91 lbs.	52.91 lbs.
		OUTDOOR	154 lbs.	194 lbs.
SOUND PRESSURE	INDOOR	L/M/H	31/35/38 dB(A)	32 / 38 / 43 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	50 / 52 dB(A)	49 / 51 dB(A)
OPERATING		COOLING	(0*) 23 ≤ T ≤ 115°F	(0*) 23 ≤ T ≤ 115°F
TEMPERATURE	OUTDOOR	HEATING	-4 ≤ T ≤ 76°F	-4 ≤ T ≤ 76°F
		HIGH SIDE (FLARE)	3/8 in.	3/8 in.
	INDOOR & OUTDOOR			5/8 in.
DIDE CONNECTIONS	LOW SIDE (FLARE)		5/8 in.	
PIPE CONNECTIONS	MAX. LINE SET LENGTH		164 ft.	246 ft.
	MAX. VERTICAL SEPAR		98 ft.	98 ft.
	CONDENSATE CONNECTION		1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID
	TYPE		R410A	R410A
REFRIGERANT	FACTORY CHARGE		91.71 oz.	98.77 oz.
	CHARGED FOR		25 ft.	25 ft.
COMPRESSOR	TYPE		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
EVAPORATOR FAN	TYPE		BLDC (1) With Turbo Type Fan (1)	BLDC (1) With Turbo Type Fan (1)
EVAPORATOR FAN	AIR VOLUME	CFM (L/M/H)	632 / 741 / 904	710 / 943 / 1,179
	MOTOR		BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (2)
CONDENSER FAN	CFM (MAX.)		2,219	3,040
		WHITE	PC4NUDMAN	PC4NUDMAN
	CEILING TYPE (SQUARE)	BLACK	PC4NBDMAN	PC4NBDMAN
		LXWXH	39 3/8 X 39 3/8 X 2 5/8 in.	39 3/8 X 39 3/8 X 2 5/8 in.
FASCIA PANEL		WEIGHT	7.94 lbs.	7.94 lbs.
(SOLD SEPARATELY)		WHITE	PC4NUNMAN	PC4NUNMAN
		BLACK	PC4NBNMAN	PC4NBNMAN
	OPEN TYPE (CIRCLE)	LXWXH	41 5/16 X 3 11/16 in.	41 5/16 X 3 11/16 in.
		WEIGHT	5.95 lbs.	5.95 lbs.
				I.
	WIDED CONTROLLED	SIMPLIFIED	MWR-SHOON	MWR-SHOON
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
		PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPTE		TADPT2	TADPT2
	WIRELESS CONTROLLE	R	AR-KH00U	AR-KH00U
	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
	EXTERNAL TEMPERATION		MRW-TA	MRW-TA
ACCESSORIES	EXTERNAL CONTACT C	ONTROL	MIM-B14	MIM-B14
		TERFACE MODULE FOR PLUS CONTROLS (NON-NASA)	MIM-N01	MIM-NO1
	WALL BRACKET (FOR O		CKN-250	CKN-250
	THE DISTORET GORD	FRONT	WBF-2M	WBF-1M2
	WIND BAFFLE/GUARD	BACK		
	LINE CETC INCLUATE		WBB-3M	WBB-2M
	CABLES INCLUDED	AND FLARED, INTERCONNECT	25' - ILS2510	25' - ILS2510
	CABLES INCLUDED		50' - ILS5010	50' - ILS5010





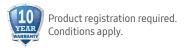
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\*With Wind Baffles

### SPECIFICATIONS - 42,000 | 48,000

	INDOOR UNIT		AC042KN4DCH/AA	AC048KN4DCH/AA
MODEL	OUTDOOR UNIT		AC042JXADCH/AA	AC048JXADCH/AA
		COOLING	42,000 Btu/h	48,000 Btu/h
	CAPACITY	HEATING	47.000 Btu/h	53.000 Btu/h
		COOLING	16,300 - 45,000 Btu/h	18,600 - 51,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	13,400 - 50,000 Btu/h	15,300 - 55,000 Btu/h
	SEER / EER	-	19.70 / 10.00	19.00 / 8.90
	СОР		3.04	3.20
	HSPF		9.5	9.5
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX, BREAKER	97 47 112	35 A	35 A
OWER	MIN. CIRCUIT AMPACIT	Υ	22.08 A	22.08 A
	IIIII. CIRCOTI AIIII ACII	I		
	WXHXD	INDOOR	37 1/4 X 14 3/8 X 37 1/4 in.	37 1/4 X 14 3/8 X 37 1/4 in.
DIMENSIONS		OUTDOOR	37 X 48 X 13 in.	37 X 48 X 13 in.
	WEIGHT	INDOOR	52.91 lbs.	52.91 lbs.
		OUTDOOR	194 lbs.	194 lbs.
SOUND PRESSURE	INDOOR	L/M/H	34 / 39 / 44 dB(A)	35 / 40 / 45 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	51 / 53 dB(A)	53 / 55 dB(A)
OPERATING	CUTDOOD	COOLING	(0*) 23 ≤ T ≤ 115°F	(0*) 23 ≤ T ≤ 115°F
TEMPERATURE	OUTDOOR	HEATING	-4≤T≤76°F	-4 ≤ T ≤ 76°F
		HIGH SIDE (FLARE)	3/8 in.	3/8 in.
	INDOOR & OUTDOOR	LOW SIDE (FLARE)	5/8 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		246 ft.	246 ft.
	MAX. VERTICAL SEPARATION		98 ft.	98 ft.
	CONDENSATE CONNECTION		1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID
				· · · · · · · · · · · · · · · · · · ·
DEEDIGEDANIT	TYPE		R410A	R410A
REFRIGERANT	FACTORY CHARGE		98.77 oz.	98.77 oz.
	CHARGED FOR		25 ft.	25 ft.
COMPRESSOR	ТҮРЕ		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
EVAPORATOR FAN	TYPE	CEM (L. / M. / LD)	BLDC (1) With Turbo Type Fan (1)	BLDC (1) With Turbo Type Fan (1)
	AIR VOLUME	CFM (L/M/H)	745 / 981 / 1,218	822 / 1,024 / 1,257
CONDENSER FAN	MOTOR		BLDC With Axial Type Fan (2)	BLDC With Axial Type Fan (2)
	CFM (MAX.)	T.	3,040	3,040
		WHITE	PC4NUDMAN	PC4NUDMAN
	CEILING TYPE	BLACK	PC4NBDMAN	PC4NBDMAN
	(SQUARE)	LXWXH	39 3/8 X 39 3/8 X 2 5/8 in.	39 3/8 X 39 3/8 X 2 5/8 in.
FASCIA PANEL		WEIGHT	7.94 lbs.	7.94 lbs.
(SOLD SEPARATELY)		WHITE	PC4NUNMAN	PC4NUNMAN
	OPEN TYPE (CIRCLE)	BLACK	PC4NBNMAN	PC4NBNMAN
	OI EN TITE (CIRCLE)	LXWXH	41 5/16 X 3 11/16 in.	41 5/16 X 3 11/16 in.
		WEIGHT	5.95 lbs.	5.95 lbs.
		SIMPLIFIED	MWR-SH00N	MWR-SH00N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
		PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPTE	R (24VAC)	TADPT2	TADPT2
	WIRELESS CONTROLLE	R	AR-KH00U	AR-KH00U
	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
	EXTERNAL TEMPERATU	JRE SENSOR	MRW-TA	MRW-TA
ACCESSORIES	EXTERNAL CONTACT C		MIM-B14	MIM-B14
	CENTRAL CONTROL IN	TERFACE MODULE FOR		
		PLUS CONTROLS (NON-NASA)	MIM-N01	MIM-N01
	WALL BRACKET (FOR O	UTDOOR UNIT)	CKN-250	CKN-250
	WIND BAFFLE/GUARD	FRONT	WBF-1M2	WBF-1M2
			WDD OM	WDD 2M
	WIND BALLEY GOARD	BACK	WBB-2M	WBB-2M
		BACK O AND FLARED, INTERCONNECT	25' - ILS2510	25' - ILS2510





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\*With Wind Baffles

### WIND-FREE™+ 4-WAY CASSETTE

AVAILABLE CAPACITIES (Btu/h) STANDARD: 18,000 | 24,000 30,000 | 36,000 | 42,000 | 48,000; MAX HEAT™: 30,000 | 36,000









### Available in MAX HEAT™

The Wind-Free<sup>™†</sup> 4-Way Cassette is equipped with all the features and benefits of the Wind-Free<sup>™†</sup> 4-Way Cassette, along with the ability to provide 100% heating capacity at 5°F and high heating output at -13°F. The integral base pan heater helps prevent ice buildup during defrost cycles. These added features allow the Wind-Free™ 4-Way Cassette Max Heat<sup>™</sup> to perform in a myriad of applications from warm to cold climates everywhere.

- High Heating Operation
- Designed for Cold Climates
- · Energy Efficient

- · Wi-Fi Compatible
- · Quiet Operation
- · 10 Year Warranty

### **Model Features**

#### Innovative Turbo Fan

The Turbo Fan with wide blades provides uniform distribution of cooling and heating from four separate outlets so the entire room cools down or warms up quickly.

#### Individual Blade Control

By using the remote controller, the opening angles of the four louver blades can be individually set at the same or different angles (within a 32°-65° range) for ultimate unit control

### Wind-Free™\* Cooling Technology

Wind-Free™\* Cooling Mode maintains the desired temperature and eliminates direct airflow by delivering air through micro holes on the unit's fascia panel when the louvers are closed, producing a dispersed and gentle flow of air defined as "still air." Wind-Free™\* fascia panels include a humidity sensor to prevent condensation by restricting Wind-Free™ operation in high humidity conditions. Wind-Free™ operation is available in cooling mode only.

### Standard Features<sup>1</sup>

7-Day Programming<sup>2</sup> **Auto Restart** Compatible with DVM S Central Controls **Energy Efficient** Fast Cooling and Heating

FMC (Flat Micro-Channel Condenser Coil) Lightweight Optional Wi-Fi Control Capabilities **Pre Filter** 

**Quiet Mode** Twin Rotary BLDC Compressor Various Pipe Installation Options **AHRI Certified ETL Listed** 

### **Convenience Features:**

- · Ceiling Dust Prevention
- · Drain Water Overflow Protection
- · Easy Leveling
- Away Mode<sup>2</sup>
- · Easy Blade Cleaning
- · High Lift Drain Pump

### **Optional Controllers**<sup>3</sup>

MWR-SH00N **MWR-SHION** MWR-WE13N AR-EH03E

· Quiet Operation

### WARRANTY

10 YEAR COMPRESSOR | 10 YEAR PARTS | 1 YEAR LIMITED LABOR Product registration required. Conditions apply.

Select Models are ENERGY STAR® Labeled.

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov.

†The Wind-Free™ unit delivers an air current that is under 0.15 m/s while in Wind-Free™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

Requires MIM-H03UN Wi-Fi adapter (sold separately)

See standard feature details on pages 1-2

<sup>&</sup>lt;sup>2</sup>Requires accessory controls (sold separately)

The Wind-Free™† 4-Way Cassette system does not include any controllers as standard. Controllers must be purchased separately; See controller details on page 40

# WIND-FREE™+4-WAY CASSETTE

### SPECIFICATIONS - 18,000 | 24,000

	INDOOR UNIT		AC018NN4DCH/AA	AC024NN4DCH/AA
MODEL	OUTDOOR UNIT		AC018JXADCH/AA	AC024JXADCH/AA
		COOLING	18,000 Btu/h	24,000 Btu/h
	CAPACITY	HEATING	20,000 Btu/h	27,000 Btu/h
		COOLING	5,000 - 21,000 Btu/h	7,000 - 27,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	3,800 - 25,000 Btu/h	5,200 - 31,000 Btu/h
	SEER / EER		20.1 / 11.7	20.5 / 11.4
	СОР		3.66	3.17
	HSPF		10.0	9.7
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX. BREAKER	2	15 A	20 A
	MIN. CIRCUIT AMPACIT	ГҮ	8.1 A	12.06 A
		INDOOR	33 1/16 X 8 X 33 1/16 in.	33 1/16 X 8 X 33 1/16 in.
	WXHXD	OUTDOOR	34 5/8 X 25 1/8 X 12 1/4 in.	37 X 39 11/16 X 12 3/4 in.
DIMENSIONS		INDOOR	33.07 lbs.	33.07 lbs.
	WEIGHT	OUTDOOR	99 lbs.	154 lbs.
SOUND PRESSURE	INDOOR	L/M/H	30 / 33 / 36 dB(A)	30/33/36 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	48 / 48 dB(A)	50 / 50 dB(A)
OPERATING		COOLING	(0*) 23 ≤ T ≤ 115°F	(0*) 23 ≤ T ≤ 115°F
TEMPERATURE	OUTDOOR	HEATING	-4 ≤ T ≤ 76°F	-4 ≤ T ≤ 76°F
		HIGH SIDE (FLARE)	1/4 in.	1/4 in.
	INDOOR & OUTDOOR	LOW SIDE (FLARE)	1/4 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		98 ft.	164 ft.
11 2 00111120110113	MAX. VERTICAL SEPARATION		66 ft.	98 ft.
	CONDENSATE CONNECTION		1 1/4 in, OD, 1 in, ID	1 1/4 in. OD, 1 in. ID
	TYPE		R410A	
REFRIGERANT	FACTORY CHARGE		45.86 oz.	R410A 74.08 oz.
REFRIGERANT	CHARGED FOR		45.86 02. 25 ft.	74.08 02. 25 ft.
2011222222				
COMPRESSOR	ТҮРЕ		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
EVAPORATOR FAN	TYPE		BLDC (1) With Turbo Type Fan (1)	BLDC (1) With Turbo Type Fan (1)
	AIR VOLUME	CFM (L / M / H)	430 / 490 / 580	430 / 490 / 580
CONDENSER FAN	MOTOR		BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (1)
	CFM (MAX.)		1,550	2,190
EACCIA DANIEI	MODEL NUMBER		PC4NUFMAN	PC4NUFMAN
FASCIA PANEL (SOLD SEPARATELY)	LXWXH		37 3/8 X 37 3/8 X 2 1/2 in.	37 3/8 X 37 3/8 X 2 1/2 in.
(JOED JEI AKATEET)	WEIGHT		13.88 lbs.	13.88 lbs.
		SIMPLIFIED	MWR-SH00N	MWR-SH00N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
		PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPTE	R (24VAC)	TADPT2	TADPT2
	WIRELESS CONTROLLI	ER	AR-EH03E	AR-EH03E
	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
	EXTERNAL TEMPERAT	URE SENSOR	MRW-TA	MRW-TA
ACCESSORIES	EXTERNAL CONTACT O	CONTROL	MIM-B14	MIM-B14
		TERFACE MODULE FOR PLUS CONTROLS (NON-NASA)	MIM-N01	MIM-NO1
	WALL BRACKET (FOR O		CKN-250	CKN-250
		FRONT	WBF-4M	WBF-2M
	WIND BAFFLE/GUARD	BACK	WBB-6M	WBB-3M
	LINE SETS - INSULATE	D AND FLARED, INTERCONNECT	25' - ILS2507	25' - ILS2509
	CABLES INCLUDED		50' - ILS5007	50' - ILS5009





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\*With Wind Baffles

Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.

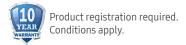
†The Wind-Free™ unit delivers an air current that is under 0.15 m/s while in Wind-Free™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).



# WIND-FREE™+4-WAY CASSETTE

### **SPECIFICATIONS - 30,000 | 36,000**

	INDOOR UNIT		AC030NN4DCH/AA	AC036NN4DCH/AA
MODEL	OUTDOOR UNIT		AC030JXADCH/AA	AC036JXADCH/AA
	COOLING		30,000 Btu/h	36,000 Btu/h
	CAPACITY	HEATING	32,000 Btu/h	40,000 Btu/h
		COOLING	9,300 - 35,000 Btu/h	14,000 - 41,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	9,000 - 38,000 Btu/h	11,500 - 48,000 Btu/h
	SEER / EER		19.2 / 10.4	20.5 / 12.1
	СОР		3.02	3.37
	HSPF		9.8	9.5
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX. BREAKER		30 A	35 A
	MIN. CIRCUIT AMPACI	TY	19.7 A	22.08 A
		INDOOR	33 1/16 X 11 3/8 X 33 1/16 in.	33 1/16 X 11 3/8 X 33 1/16 in.
	WXHXD	OUTDOOR	37 X 39 11/16 X 12 3/4 in.	37 X 48 X 13 in.
DIMENSIONS		INDOOR	40.79 lbs.	40.79 lbs.
	WEIGHT	OUTDOOR	40.79 lbs.	40.79 lbs.
SOUND PRESSURE LEVEL	INDOOR	L/M/H	32 / 35 / 38 dB(A)	33 / 38 / 43 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	50 / 52 dB(A)	49 / 51 dB(A)
OPERATING	OUTDOOR	COOLING	(0*) 23 ≤T≤115°F	(0*) 23 ≤ T ≤ 115°F
TEMPERATURE		HEATING	-4 ≤ T ≤ 76°F	-4 ≤ T ≤ 76°F
	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	3/8 in.	3/8 in.
	INDOOR & COTDOOR	LOW SIDE (FLARE)	5/8 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		164 ft.	246 ft.
	MAX. VERTICAL SEPARATION		98 ft.	98 ft.
	CONDENSATE CONNE	CTION	1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID
	TYPE		R410A	R410A
REFRIGERANT	FACTORY CHARGE		91.71 oz.	98.77 oz.
	CHARGED FOR		25 ft.	25 ft.
COMPRESSOR	TYPE		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
	ТҮРЕ		BLDC (1) With Turbo Type Fan (1)	BLDC (1) With Turbo Type Fan (1)
EVAPORATOR FAN	AIR VOLUME	CFM (L/M/H)	590 / 715 / 840	620 / 840 / 1,020
	MOTOR		BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (2)
CONDENSER FAN	CFM (MAX.)		2,220	3,040
				·
FASCIA PANEL	MODEL NUMBER		PC4NUFMAN	PC4NUFMAN
(SOLD SEPARATELY)	LXWXH		37 3/8 X 37 3/8 X 2 1/2 in.	37 3/8 X 37 3/8 X 2 1/2 in.
	WEIGHT		13.88 lbs.	13.88 lbs.
		SIMPLIFIED	MWR-SH00N	MWR-SH00N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
		PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPT		TADPT2	TADPT2
	WIRELESS CONTROLL	.ER	AR-EH03E	AR-EH03E
ACCESSORIES	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
	EXTERNAL TEMPERAT		MRW-TA	MRW-TA
	EXTERNAL CONTACT		MIM-B14	MIM-B14
		NTERFACE MODULE FOR I PLUS CONTROLS (NON-NASA)	MIM-N01	MIM-NO1
	WALL BRACKET (FOR	OUTDOOR UNIT)	CKN-250	CKN-250
	WIND DAFF! = (0=	FRONT	WBF-2M	WBF-1M2
	WIND BAFFLE/GUARD	BACK	WBB-3M	WBB-2M
	LINE SETS - INSULATE	ED AND FLARED, INTERCONNECT	25' - ILS2510	25' - ILS2510
	CABLES INCLUDED		50' - ILS5010	50' - ILS5010





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\*With Wind Baffles

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†The Wind-Free™ unit delivers an air current that is under 0.15 m/s while in Wind-Free™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).



# WIND-FREE™+4-WAY CASSETTE

### SPECIFICATIONS - 42,000 | 48,000

	INDOOR UNIT		AC042NN4DCH/AA	AC048NN4DCH/AA
MODEL	OUTDOOR UNIT		AC042JXADCH/AA	AC048JXADCH/AA
		COOLING	42.000 Btu/h	48,000 Btu/h
	CAPACITY	HEATING	47,000 Btu/h	53,000 Btu/h
		COOLING	16,300 - 45,000 Btu/h	18,600 - 51,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	13.400 - 50.000 Btu/h	15,300 - 55,000 Btu/h
	SEER / EER		19.6 / 10.4	18.8 / 9.7
	СОР		3.17	3.08
	HSPF		9.5	9.5
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX. BREAKER	W/ V/112	35 A	35 A
· ONLIK	MIN. CIRCUIT AMPACI	TY	22.08 A	22.08 A
		INDOOR	33 1/16 X 11 3/8 X 33 1/16 in.	
	WXHXD			33 1/16 X 11 3/8 X 33 1/16 in.
DIMENSIONS		OUTDOOR	37 X 48 X 13 in.	37 X 48 X 13 in.
	WEIGHT	INDOOR	40.79 lbs.	40.79 lbs.
		OUTDOOR		194 lbs.
SOUND PRESSURE	INDOOR	L/M/H	34 / 40 / 44 dB(A)	35 / 41 / 45 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	51 / 53 dB(A)	53 / 55 dB(A)
OPERATING	OUTDOOR	COOLING	(0*) 23 ≤T≤115°F	(0*) 23 ≤ T ≤ 115°F
TEMPERATURE	COTDOOK	HEATING	-4≤T≤76°F	-4 ≤ T ≤ 76°F
	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	3/8 in.	3/8 in.
	INDOOR & OUTDOOR	LOW SIDE (FLARE)	5/8 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		246 ft.	246 ft.
	MAX. VERTICAL SEPARATION		98 ft.	98 ft.
	CONDENSATE CONNE	CTION	1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID
	TYPE		R410A	R410A
REFRIGERANT	FACTORY CHARGE		98.77 oz.	98.77 oz.
	CHARGED FOR		25 ft.	25 ft.
COMPRESSOR	TYPE		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
	TYPE		BLDC (1) With Turbo Type Fan (1)	BLDC (1) With Turbo Type Fan (1)
EVAPORATOR FAN	AIR VOLUME	CFM (L/M/H)	670 / 890 / 1,170	715 / 940 / 1,230
		CI W (E7 W7 T)	<u> </u>	
CONDENSER FAN	MOTOR CFM (MAX.)		BLDC With Axial Type Fan (2)	BLDC With Axial Type Fan (2)
			3,040	3,040
FASCIA PANEL	MODEL NUMBER		PC4NUFMAN	PC4NUFMAN
(SOLD SEPARATELY)	LXWXH		37 3/8 X 37 3/8 X 2 1/2 in.	37 3/8 X 37 3/8 X 2 1/2 in.
	WEIGHT		13.88 lbs.	13.88 lbs.
		SIMPLIFIED	MWR-SH00N	MWR-SH00N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
		PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPT	ER (24VAC)	TADPT2	TADPT2
	WIRELESS CONTROLL	ER	AR-EH03E	AR-EH03E
	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
	EXTERNAL TEMPERAT		MRW-TA	MRW-TA
ACCESSORIES	EXTERNAL CONTACT	CONTROL	MIM-B14	MIM-B14
		NTERFACE MODULE FOR I PLUS CONTROLS (NON-NASA)	MIM-NO1	MIM-N01
	WALL BRACKET (FOR	OUTDOOR UNIT)	CKN-250	CKN-250
	WIND DAFF! = (0=	FRONT	WBF-1M2	WBF-1M2
	WIND BAFFLE/GUARD	BACK	WBB-2M	WBB-2M
	LINE SETS - INSULATE	D AND FLARED, INTERCONNECT	25' - ILS2510	25' - ILS2510
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		50' - ILS5010	50' - ILS5010





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\*With Wind Baffles

Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.

†The Wind-Free™ unit delivers an air current that is under 0.15 m/s while in Wind-Free™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).



# WIND-FREE™+4-WAY CASSETTE MAX HEAT™

### **SPECIFICATIONS - 30,000 | 36,000**



				MAXCIFEAT
MODEL	INDOOR UNIT		AC030NN4DCH/AA	AC036NN4DCH/AA
	OUTDOOR UNIT		AC030JXSCCH/AA	AC036JXSCCH/AA
	CAPACITY	COOLING	30,000 Btu/h	36,000 Btu/h
	CAPACITY	HEATING	32,000 Btu/h	40,000 Btu/h
	CAPACITY RANGE	COOLING	13,000 - 36,000 Btu/h	14,000 - 42,000 Btu/h
PERFORMANCE	CAPACITT RANGE	HEATING	11,000 - 39,000 Btu/h	12,000 - 48,000 Btu/h
	SEER / EER		21.0 / 13.1	20.0 / 12.9
	СОР		3.84	3.64
	HSPF		10.1	10.4
	VOLTAGE	ø/V/Hz	1/208-230/60	1 / 208-230 / 60
POWER	MAX. BREAKER		45 A	45 A
	MIN. CIRCUIT AMPACI	TY	26.31 A	26.31 A
		INDOOR	33 X 11 5/16 X 33 in.	33 X 11 5/16 X 33 in.
	WXHXD	OUTDOOR	37 X 55 7/8 X 13 in.	37 X 55 7/8 X 13 in.
DIMENSIONS		INDOOR	41.89 lbs.	41.89 lbs.
	WEIGHT	OUTDOOR	211.64 lbs.	211.64 lbs.
SOUND PRESSURE	INDOOR	L/M/H	32 / 35 / 38 dB(A)	33 / 38 / 43 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	49 / 50 dB(A)	51 / 53 dB(A)
	COIDOOK			
OPERATING TEMPERATURE	OUTDOOR	COOLING	(-4*) 23 ≤T≤115°F	(-4*) 23 ≤T≤115°F
TEMPERATURE		HEATING	-13 ≤ T ≤ 76°F	-13 ≤ T ≤ 76°F
	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	3/8 in.	3/8 in.
	LOW SIDE (FLARE)		5/8 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		246 ft.	246 ft.
	MAX. VERTICAL SEPARATION		98 ft.	98 ft.
	CONDENSATE CONNE	CTION	1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID
	TYPE		R410A	R410A
REFRIGERANT	FACTORY CHARGE		102.29 oz.	102.29 oz.
	CHARGED FOR		25 ft.	25 ft.
COMPRESSOR	TYPE		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
	ТҮРЕ		BLDC With Turbo Type Fan (1)	BLDC With Turbo Type Fan (1)
EVAPORATOR FAN	AIR VOLUME	CFM (L/M/H)	590 / 715 / 840	620 / 840 / 1,020
	MOTOR		BLDC With Axial Type Fan (2)	BLDC With Axial Type Fan (2)
CONDENSER FAN	CFM (MAX.)		4,415	4,415
FASCIA PANEL	MODEL NUMBER		PC4NUFMAN 37 3/8 X 37 3/8 X 2 1/2 in.	PC4NUFMAN 37 3/8 X 37 3/8 X 2 1/2 in.
(SOLD SEPARATELY)	WEIGHT		13.88 lbs.	13.88 lbs.
	WEIGITI	T		
	WIDED CONTROLLED	SIMPLIFIED	MWR-SH00N	MWR-SHOON
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
	TUEDMOSTAT AD ADT	PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPTE		TADPT2	TADPT2
	WIRELESS CONTROLL	ER	AR-EH03E	AR-EH03E
	WI-FI ADAPTER	THE CENCOR	MIM-H03UN	MIM-H03UN
ACCESSORIES	EXTERNAL TEMPERAT		MRW-TA MIM-B14	MRW-TA
ACCESSORIES			MIM-B14	MIM-B14
		ITERFACE MODULE FOR PLUS CONTROLS (NON-NASA)	MIM-N01	MIM-N01
	WALL BRACKET (FOR		CKN-250	CKN-250
	WALL BRACKET (FOR	FRONT	WBF-6M	WBF-6M
	WIND BAFFLE/GUARD	BACK	WBB-4M	WBB-4M
	LINE SETS - INSIII ATE	D AND FLARED, INTERCONNECT	25' - ILS2510	25' - ILS2510
	CABLES INCLUDED		50' - ILS5010	50' - ILS5010
			20 .233010	23 .233010
CERTIFICATIONS	ENERGY STAR® CERT	FIED	energy	energy
			ENERGY STAR	ENERGY STAR



Product registration required. Conditions apply.



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Proper sizing and installation of equipment is critical to achieve performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit <a href="https://www.energystar.gov">www.energystar.gov</a>.



<sup>\*</sup>With Wind Baffles

<sup>†</sup>The Wind-Free™ unit delivers an air current that is under 0.15 m/s while in Wind-Free™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

# NOTES

AVAILABLE CAPACITIES (Btu/h) STANDARD: 18,000 | 24,000 | 30,000 | 36,000 | 42,000 | 48,000; MAX HEAT™: 30,000 | 36,000





### Available in MAX HEAT™

The Duct S Max Heat™ is equipped with all the features and benefits of the Duct S, along with the ability to provide 100% heating capacity at 5°F and high heating output at -13°F. The integral base pan heater helps prevent ice buildup during defrost cycles. These added features allow the Duct S Max Heat™ to perform in a myriad of applications from warm to cold climates everywhere.

- · High Heating Operation
- · Designed for Cold Climates
- Energy Efficient

- · Wi-Fi Compatible
- · Quiet Operation
- 10 Year Warranty

### **Model Features**

### **Smart Pressure Control**

The Duct S will adjust the fan speed based on the duct system external static pressure (ESP), delivering consistent cooling and heating, regardless of the surrounding environment.

### **Easy Service Access**

The Duct S's slim, compact size offers multiple service access points (top, bottom, left, and right) for easy installation and service.

### **Standard Features\*\***

7-Day Programming<sup>1</sup> **Auto Restart** Compatible with DVM S Central Controls **Energy Efficient** Fast Cooling and Heating

FMC (Flat Micro-Channel Condenser Coil) Lightweight Optional Wi-Fi Control Capabilities **Pre Filter Quiet Mode** 

Twin Rotary BLDC Compressor Various Pipe Installation Options **AHRI Certified ETL Listed** 

### **Convenience Features:**

- · High Lift Drain Pump
- Away Mode<sup>1</sup>
- · Drain Water Overflow Protection

### **Optional Controllers<sup>2</sup>**

MWR-SH00N

MWR-SHION

MWR-WE13N

AR-EH03E<sup>3</sup>



### WARRANTY

10 YEAR COMPRESSOR | 10 YEAR PARTS | 1 YEAR LIMITED LABOR Product registration required. Conditions apply.

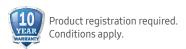
<sup>\*</sup>Requires MIM-H03UN Wi-Fi adapter (sold separately)

Requires accessory controls (sold separately)

<sup>&</sup>lt;sup>2</sup>The Duct S system does not include any controllers as standard. \*\*See standard feature details on pages 1-2 Controllers must be purchased separately: See controller details on page 40 <sup>3</sup>Requires MRK-A10N to use wireless remote controller

### SPECIFICATIONS - 18,000 | 24,000

MODEL	INDOOR UNIT		AC018MNHDCH/AA	AC024MNHDCH/AA
MODEL	OUTDOOR UNIT		AC018JXADCH/AA	AC024JXADCH/AA
		COOLING	18,000 Btu/h	24,000 Btu/h
	CAPACITY	HEATING	20,000 Btu/h	27,000 Btu/h
		COOLING	5,000 - 21,000 Btu/h	7,000 - 27,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	3,800 - 25,000 Btu/h	5,200 - 31,000 Btu/h
	SEER / EER	1	18.6 / 9.4	20.0 / 11.8
	СОР		3.10	3.44
	HSPF		10.6	10.6
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX. BREAKER	D7 77112	15 A	20 A
	MIN. CIRCUIT AMPACI	ту	10.0 A	13.5 A
		T.		
	WXHXD	INDOOR	33 1/2 X 9 13/16 X 27 9/16 in.	47 1/4 X 9 13/16 X 27 9/16 in.
		OUTDOOR	34 5/8 X 25 1/8 X 12 1/4 in.	37 X 39 11/16 X 12 3/4 in.
DIMENSIONS	WEIGHT	INDOOR	68.8 lbs.	89.3 lbs.
		OUTDOOR	99 lbs.	142 lbs.
	DUCT CONNECTIONS	SUPPLY	32 3/16 X 8 11/16 in.	45 15/16 X 8 11/16 in.
		RETURN	32 3/16 X 8 11/16 in.	45 15/16 X 8 11/16 in.
SOUND PRESSURE	INDOOR	L/M/H	26/30/34 dB(A)	28 / 32 / 36 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	48 / 48 dB(A)	50 / 50 dB(A)
OPERATING		COOLING	(0*) 23 ≤ T ≤ 115°F	(0*) 23 ≤ T ≤ 115°F
TEMPERATURE	OUTDOOR	HEATING	-4≤T≤76°F	-4 ≤ T ≤ 76°F
		HIGH SIDE (FLARE)	1/4 in.	1/4 in.
	INDOOR & OUTDOOR	LOW SIDE (FLARE)	1/2 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		98 ft.	164 ft.
FIFE CONNECTIONS	MAX. VERTICAL SEPARATION		66 ft.	98 ft.
	CONDENSATE CONNECTION		3/4 in. PVC (with included adapter)	
		CHON	,	3/4 in. PVC (with included adapter)
	TYPE		R410A	R410A
REFRIGERANT	FACTORY CHARGE		45.86 oz.	74.08 oz.
	CHARGED FOR		25 ft.	25 ft.
COMPRESSOR	TYPE		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
	TYPE		BLDC (1) With Sirocco Fan (2)	BLDC (1) With Sirocco Fan (3)
	AIRVOLUME	CFM (L / M / H)	353 / 477 / 600	530 / 618 / 706
EVAPORATOR FAN	AIR VOLUME	TOTAL CFM RANGE	350 - 790	530 - 1,035
	STATIO PRESSURE	STANDARD	0.1 in. WC	0.1 in. WC
	STATIC PRESSURE	MIN. / MAX.	0.1 / 0.6 in. WC	0.1 / 0.8 in. WC
	MOTOR		BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (1)
CONDENSER FAN	CFM (MAX.)		1,550	2,190
		CIMPLIFIED		
	WIDED CONTROLLED	SIMPLIFIED	MWR-SHOON	MWR-SHOON
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
	TUEDA 0 0 TATABA DE	PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPTI		TADPT2	TADPT2
	WIRELESS SIGNAL	WIRELESS SIGNAL RECEIVER	MRK-A10N	MRK-A10N
	CONTROL	WIRELESS CONTROLLER	AR-EH03E	AR-EH03E
	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
	FILTER BOX		FB-DS1	FB-DS2
ACCESSORIES	EXTERNAL TEMPERAT		MRW-TA	MRW-TA
	EXTERNAL CONTACT		MIM-B14	MIM-B14
		ITERFACE MODULE FOR PLUS CONTROLS (NON-NASA)	MIM-N01	MIM-NO1
	WALL BRACKET (FOR	OUTDOOR UNIT)	CKN-250	CKN-250
	WIND DAFFI F (OLL)	FRONT	WBF-4M	WBF-2M
	WIND BAFFLE/GUARD	BACK	WBB-6M	WBB-3M
	<u> </u>			
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2507	25' - ILS2509





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\*With Wind Baffles

### SPECIFICATIONS - 30,000 | 36,000

	INDOOR UNIT		AC030MNHDCH/AA	AC036MNHDCH/AA
MODEL	OUTDOOR UNIT		AC030JXADCH/AA	AC036JXADCH/AA
		COOLING	30,000 Btu/h	36,000 Btu/h
	CAPACITY	HEATING	32,000 Btu/h	40,000 Btu/h
		COOLING	9,300 - 35,000 Btu/h	14,000 - 41,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	9.000 - 38.000 Btu/h	11,500 - 48,000 Btu/h
	SEER / EER		18.4 / 10.0	20.0 / 11.5
	COP		3.16	3.54
	HSPF		10.2	10.2
		- /W / U-	**	
DOWER	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX. BREAKER		30 A	40 A
	MIN. CIRCUIT AMPACITY	<i>(</i>	23 A	26.5 A
	WXHXD	INDOOR	47 1/4 X 9 13/16 X 27 9/16 in.	51 3/16 X 11 13/16 X 27 9/16 in.
	WATER	OUTDOOR	37 X 39 11/16 X 12 3/4 in.	37 X 48 X 13 in.
DIMENSIONS	WEIGHT	INDOOR	89.3 lbs.	99.6 lbs.
DIMENSIONS	WEIGHT	OUTDOOR	154 lbs.	194 lbs.
	DUCT CONNECTIONS	SUPPLY	45 15/16 X 8 11/16 in.	49 15/16 X 10 5/8 in.
	DUCT CONNECTIONS	RETURN	45 15/16 X 8 11/16 in.	49 15/16 X 10 5/8 in.
SOUND PRESSURE	INDOOR	L/M/H	29 / 33 / 37 dB(A)	30 / 34 / 38 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	50 / 52 dB(A)	49 / 51 dB(A)
00001010	COIDOOK	1 1	1 1 1 1	
OPERATING TEMPERATURE	OUTDOOR	COOLING	(0*) 23 ≤ T ≤ 115°F	(0*) 23 ≤ T ≤ 115°F
TEMPERATURE		HEATING	-4≤ T≤ 76°F	-4 ≤ T ≤ 76°F
	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	3/8 in.	3/8 in.
	INDOOR & COTDOOR	LOW SIDE (FLARE)	5/8 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		164 ft.	246 ft.
	MAX. VERTICAL SEPARATION		98 ft.	98 ft.
	CONDENSATE CONNECT	TION	3/4 in. PVC (with included adapter)	3/4 in. PVC (with included adapter)
	TYPE		R410A	R410A
REFRIGERANT	FACTORY CHARGE		91.71 oz.	98.77 oz.
	CHARGED FOR		25 ft.	25 ft.
COMPRESSOR	TYPE		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
COMPRESSOR				
	TYPE	T .	BLDC (1) With Sirocco Fan (3)	BLDC (1) With Sirocco Fan (3)
	AIR VOLUME	CFM (L / M / H)	671 / 777 / 883	848 / 989 / 1,165
EVAPORATOR FAN		TOTAL CFM RANGE	670-1,220	848 - 1,510
	STATIC PRESSURE	STANDARD	0.16 in. WC	0.16 in. WC
		MIN. / MAX.	0.12 / 0.8 in. WC	0.12 / 0.8 in. WC
CONDENCEDEAN	MOTOR		BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (2)
CONDENSER FAN	CFM (MAX.)		2,219	3,040
		SIMPLIFIED	MWR-SH00N	MWR-SH00N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
		PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPTER		TADPT2	TADPT2
	WIRELESS SIGNAL CONTROL	WIRELESS SIGNAL RECEIVER	MRK-A10N	MRK-A10N
		WIRELESS CONTROLLER	AR-EH03E	AR-EH03E
	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
A CCECCODIES	FILTER BOX	DE CENCOD	FB-DS2	FB-DS3
ACCESSORIES	EXTERNAL TEMPERATU		MRW-TA	MRW-TA
	EXTERNAL CONTACT CO		MIM-B1 4	MIM-B14
	CENTRAL CONTROL INT CONNECTION TO DVM F	ERFACE MODULE FOR PLUS CONTROLS (NON-NASA)	MIM-N01	MIM-N01
	WALL BRACKET (FOR O	JTDOOR UNIT)	CKN-250	CKN-250
	WIND DAFFI F (CO	FRONT	WBF-2 M	WBF-1 M2
	WIND BAFFLE/GUARD	BACK	WBB-3M	WBB-2 M
	BACK			
	LINE SETS - INSULATED AND FLARED, INTERCONNECT		25' - ILS2510	25' - ILS2510





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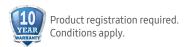






### SPECIFICATIONS - 42,000 | 48,000

MODEL	INDOOR UNIT		AC042MNHDCH/AA	AC048MNHDCH/AA
MODEL	OUTDOOR UNIT		AC042JXADCH/AA	AC048JXADCH/AA
		COOLING	42,000 Btu/h	48,000 Btu/h
	CAPACITY	HEATING	47,000 Btu/h	53,000 Btu/h
		COOLING	16,300 - 45,000 Btu/h	18,600 - 48,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	13,400 - 50,000 Btu/h	15,300 - 55,000 Btu/h
	SEER / EER	1	19.0 / 9.75	17.8 / 9.15
	СОР		3.36	2.98
	HSPF		10.2	9.8
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX. BREAKER	D7 17 112	40 A	40 A
· On Lik	MIN. CIRCUIT AMPACI	TY	26.5 A	26.5 A
	IMIN. OIKCOTT AIM ACT		I.	I.
	WXHXD	INDOOR	51 3/16 X 11 13/16 X 27 9/16 in.	51 3/16 X 11 13/16 X 27 9/16 in.
		OUTDOOR	37 X 48 X 13 in.	37 X 48 X 13 in.
DIMENSIONS	WEIGHT	INDOOR	99.6 lbs.	99.6 lbs.
		OUTDOOR	194 lbs.	194 lbs.
	DUCT CONNECTIONS	SUPPLY	49 15/16 X 10 5/8 in.	49 15/16 X 10 5/8 in.
		RETURN	49 15/16 X 10 5/8 in.	49 15/16 X 10 5/8 in.
SOUND PRESSURE	INDOOR	L/M/H	34/37/40 dB(A)	37 / 40 / 43 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	51 / 53 dB(A)	53 / 55 dB(A)
OPERATING		COOLING	(0*) 23 ≤ T ≤ 115°F	(0*) 23 ≤T≤115°F
TEMPERATURE	OUTDOOR	HEATING	-4≤T≤76°F	-4 ≤ T ≤ 76°F
			I.	I.
	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	3/8 in.	3/8 in.
DIDE CONNECTIONS	MAY LINE SET LENGT	LOW SIDE (FLARE)	5/8 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		246 ft.	246 ft.
	MAX. VERTICAL SEPAI		98 ft.	98 ft.
	CONDENSATE CONNE	CTION	3/4 in. PVC (with included adapter)	3/4 in. PVC (with included adapter)
	TYPE		R410A	R410A
REFRIGERANT	FACTORY CHARGE		98.77 oz.	98.77 oz.
	CHARGED FOR		25 ft.	25 ft.
COMPRESSOR	TYPE		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
	TYPE		BLDC (1) With Sirocco Fan (3)	BLDC (1) With Sirocco Fan (3)
		CFM (L/M/H)	1,024 / 1,130 / 1,236	1,059 / 1,165 / 1,271
EVAPORATOR FAN	AIR VOLUME	TOTAL CFM RANGE	1,024 - 1,620	1,059 - 1,675
		STANDARD	0.16 in. WC	0.16 in. WC
	STATIC PRESSURE	MIN. / MAX.	0.12 / 0.8 in. WC	0.12 / 0.8 in. WC
	MOTOR		BLDC With Axial Type Fan (2)	
CONDENSER FAN	CFM (MAX.)		,,	BLDC With Axial Type Fan (2)
	CFM (MAX.)		3,040	3,040
		SIMPLIFIED	MWR-SH00N	MWR-SH00N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
		PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPTI	ER (24VAC)	TADPT2	TADPT2
	WIRELESS SIGNAL	WIRELESS SIGNAL RECEIVER	MRK-A10N	MRK-A10N
	CONTROL	WIRELESS CONTROLLER	AR-EH03E	AR-EH03E
	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
	FILTER BOX		FB-DS3	FB-DS3
ACCESSORIES	EXTERNAL TEMPERAT	TURE SENSOR	MRW-TA	MRW-TA
	EXTERNAL CONTACT	CONTROL	MIM-B14	MIM-B14
		NTERFACE MODULE FOR I PLUS CONTROLS (NON-NASA)	MIM-N01	MIM-NO1
	WALL BRACKET (FOR		CKN-250	CKN-250
	WALL BRACKET (FOR		WBF-1M2	
	WIND BAFFLE/GUARD	FRONT		WBF-1M2
		BACK	WBB-2M	WBB-2M
	LINE SETS - INSULATE CABLES INCLUDED	D AND FLARED, INTERCONNECT	25' - ILS2510	25' - ILS2510
	CADLES INCLUDED		50' - ILS5010	50' - ILS5010





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\*With Wind Baffles

# DUCT S MAX HEAT™

### SPECIFICATIONS - 30,000 | 36,000



				MAX O'HEAT
MODEL	INDOOR UNIT		AC030MNHDCH/AA	AC036MNHDCH/AA
MODEL	OUTDOOR UNIT		AC030JXSCCH/AA	AC036JXSCCH/AA
	CADACITY	COOLING	30,000 Btu/h	36,000 Btu/h
	CAPACITY	HEATING	32,000 Btu/h	40,000 Btu/h
	CARACITY BANCE	COOLING	14,000 - 36,000 Btu/h	14,000 - 42,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	11,500 - 39,000 Btu/h	12,000 - 48,000 Btu/h
	SEER / EER		19.0 / 11.0	20.0 / 12.20
	СОР		3.81	3.34
	HSPF		10.1	10.4
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX. BREAKER	Ø / V / HZ		
POWER		ry	45 A	45 A
	MIN. CIRCUIT AMPACIT	I T	32 A	32 A
	WXHXD	INDOOR	47 1/4 X 9 13/16 X 27 9/16 in.	51 3/16 X 11 13/16 X 27 9/16 in.
		OUTDOOR	37 X 55 7/8 X 13 in.	37 X 55 7/8 X 13 in.
DIMENSIONS	WEIGHT	INDOOR	89.3 lbs.	99.6 lbs.
DIMENSIONS	WEIGHT	OUTDOOR	211.6 lbs.	211.6 lbs.
	DUCT CONNECTIONS	SUPPLY	45 15/16 X 8 11/16 in.	49 15/16 X 10 5/8 in.
	POCT COMMECTIONS	RETURN	45 15/16 X 8 11/16 in.	49 15/16 X 10 5/8 in.
SOUND PRESSURE	INDOOR	L/M/H	29 / 33 / 37 dB(A)	30 / 34 / 38 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	49 / 51 dB(A)	51 / 53 dB(A)
	00120011	1		
OPERATING TEMPERATURE	OUTDOOR	COOLING	(-4*) 23 ≤ T ≤ 115°F	(-4*) 23 ≤ T ≤ 115°F
TEMI ENATORE		HEATING	-13 ≤ T ≤ 76°F	-13 ≤ T ≤ 76°F
	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	3/8 in.	3/8 in.
		LOW SIDE (FLARE)	5/8 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		246 ft.	246 ft.
	MAX. VERTICAL SEPAR	RATION	98 ft.	98 ft.
	CONDENSATE CONNECTION		3/4 in. PVC (with included adapter)	3/4 in. PVC (with included adapter)
	TYPE		R410A	R410A
REFRIGERANT	FACTORY CHARGE		102.4 oz.	102.4 oz.
	CHARGED FOR		25 ft.	25 ft.
COMPRESSOR	TYPE		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
	ТҮРЕ		BLDC (1) With Sirocco Fan (3)	BLDC (1) With Sirocco Fan (3)
		CFM (L/M/H)	671 / 777 / 883	848 / 989 / 1,165
EVAPORATOR FAN	AIR VOLUME	TOTAL CFM RANGE	670 - 1,220	848 - 1,510
LVAI OKATOKTAN		STANDARD	0.16 in. WC	0.16 in. WC
	STATIC PRESSURE	MIN. / MAX.	0.12 / 0.8 in. WC	0.12 / 0.8 in. WC
		MIN. 7 MAX.		
CONDENSER FAN	MOTOR		BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (2)
	CFM (MAX.)		4,415	4,415
		SIMPLIFIED	MWR-SH00N	MWR-SH00N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
		PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPTE	ER (24VAC)	TADPT2	TADPT2
	WIRELESS SIGNAL	WIRELESS SIGNAL RECEIVER	MRK-A10N	MRK-A10N
	CONTROL	WIRELESS CONTROLLER	AR-EH03E	AR-EH03E
	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
	FILTER BOX		FB-DS2	FB-DS3
ACCESSORIES	EXTERNAL TEMPERAT	URE SENSOR	MRW-TA	MRW-TA
	EXTERNAL CONTACT (	CONTROL	MIM-B14	MIM-B14
		ITERFACE MODULE FOR PLUS CONTROLS (NON-NASA)	MIM-N01	MIM-NO1
	WALL BRACKET (FOR (		CKN-250	CKN-250
	WALL BRACKET (I OK	FRONT	WBF-6M	WBF-6M
	WIND BAFFLE/GUARD	BACK	WBB-4M	WBB-4M
	LINE SETS INCLUATE		25' - ILS2510	25' - ILS2510
	CABLES INCLUDED	D AND FLARED, INTERCONNECT	50' - ILS5010	50' - ILS5010
			JU - IL33010	JU - 1L33010





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# NOTES

# SLIM DUCT

### AVAILABLE CAPACITIES (Btu/h) - 9,000 | 12,000 | 18,000







### **Model Features**

### **Ultra-Slim Chassis**

At 77/8", Slim Duct allows installation in the tightest of spaces reducing ceiling height loss and improving aesthetics.

### Standard Features<sup>1</sup>

7-Day Programming<sup>2</sup> **Auto Restart** Compatible with DVM S Central Controls **Energy Efficient** Fast Cooling and Heating

Lightweight Optional Wi-Fi Control Capabilities **Pre Filter** Quiet Mode Twin Rotary BLDC Compressor

**AHRI Certified ETL Listed** 

### **Convenience Features:**

- · High Lift Drain Pump
- · Away Mode<sup>2</sup>
- · Drain Water Overflow Protection

### **Optional Controllers**<sup>3</sup>

MWR-SH00N MWR-SH10N

MWR-WE13N

AR-EH03E4



### WARRANTY

10 YEAR COMPRESSOR | 10 YEAR PARTS | 1 YEAR LIMITED LABOR Product registration required. Conditions apply.

<sup>\*</sup>Requires MIM-H03UN Wi-Fi adapter (sold separately) <sup>1</sup>See standard feature details on pages 1-2 <sup>2</sup>Requires accessory controls (sold separately)

<sup>&</sup>lt;sup>3</sup>The Slim Duct system does not include any controllers as standard.

Controllers must be purchased separately; See controller details on page 40 <sup>4</sup>Requires MRK-A10N to use wireless remote controller

# SLIM DUCT SPECIFICATIONS - 9,000 | 12,000

	INDOOR UNIT		AC009KNLDCH/AA	AC012KNLDCH/AA
MODEL	OUTDOOR UNIT		AC009KXADCH/AA	AC012KXADCH/AA
		COOLING	9,000 Btu/h	12,000 Btu/h
	CAPACITY	HEATING	12,000 Btu/h	14,000 Btu/h
		COOLING	3,200 - 12,000 Btu/h	3,400 - 15,3000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	2,900 - 14,000 Btu/h	3,000 - 16,200 Btu/h
	SEER / EER	-	21.0 / 13.95	20.0 / 12.0
	СОР		2.98	3.16
	HSPF		10.5	10.5
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX. BREAKER	97 77 112	15 A	15 A
	MIN. CIRCUIT AMPACI	ГУ	10.6 A	10.6 A
		1		
	WXHXD	INDOOR	27 9/16 X 7 13/16 X 23 5/8 in. 31 1/8 X 21 9/16 X 11 1/4 in.	27 9/16 X 7 13/16 X 23 5/8 in.
		OUTDOOR		31 1/8 X 21 9/16 X 11 1/4 in.
DIMENSIONS	WEIGHT	INDOOR	44.0 lbs.	44.0 lbs.
		OUTDOOR	65.0 lbs.	65.0 lbs.
	DUCT CONNECTIONS	SUPPLY	26 X 6 in.	26 X 6 in.
		RETURN	22 11/16 X 6 11/16 in.	22 11/16 X 6 11/16 in.
SOUND PRESSURE	INDOOR	L/M/H	26 / 30 / 33 dB(A)	27/31/34 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	46 / 47 dB(A)	47 / 48 dB(A)
OPERATING	OUTDOOR	COOLING	(0*) 23 ≤ T ≤ 115°F	(0*) 23 ≤ T ≤ 115°F
TEMPERATURE		HEATING	-4≤T≤76°F	-4≤T≤76°F
	INDOOD & OUTDOOD	HIGH SIDE (FLARE)	1/4 in.	1/4 in.
	INDOOR & OUTDOOR	LOW SIDE (FLARE)	3/8 in.	3/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		65.6 ft.	65.6 ft.
	MAX. VERTICAL SEPARATION		49 ft.	49 ft.
	CONDENSATE CONNE	CONDENSATE CONNECTION		1 1/4 in. OD, 1 in. ID
	ТҮРЕ		R410A	R410A
REFRIGERANT			37.04 oz.	37.04 oz.
REFRIGERANT	FACTORY CHARGE CHARGED FOR			25 ft.
			25 ft.	
COMPRESSOR	TYPE		Inverter Driven, BLDC Rotary	Inverter Driven, BLDC Rotary
	TYPE		BLDC (1) With Sirocco Fan (2)	BLDC (1) With Sirocco Fan (2)
	AIR VOLUME	CFM (L/M/H)	283 / 318 / 353	318/370/425
EVAPORATOR FAN	AIR VOLUME	TOTAL CFM RANGE	280 - 550	320 - 615
	CTATIC PRECCURE	STANDARD	0.1 in. WC	0.1 in. WC
	STATIC PRESSURE	MIN. / MAX.	0.0 / 0.24 in. WC	0.0 / 0.24 in. WC
	MOTOR		BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (1)
CONDENSER FAN	CFM (MAX.)		1,271	1,271
		SIMPLIFIED	MWR-SH00N	MWR-SH00N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
	WIRLD CONTROLLER	PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	TUEDMOSTAT ADADTI			
	THERMOSTAT ADAPTI		TADPT2	TADPT2
	WIRELESS SIGNAL	WIRELESS SIGNAL RECEIVER	MRK-A10N	MRK-A10N
	CONTROL	WIRELESS CONTROLLER	AR-EH03E	AR-EH03E
	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
	FILTER BOX		FB-SLIM1	FB-SLIM1
ACCESSORIES	EXTERNAL TEMPERAT		MRW-TA	MRW-TA
	EXTERNAL CONTACT		MIM-B14	MIM-B14
		ITERFACE MODULE FOR PLUS CONTROLS (NON-NASA)	MIM-N01	MIM-N01
	WALL BRACKET (FOR		CKN-250	CKN-250
		FRONT	WBF-3M	WBF-3M
	WIND BAFFLE/GUARD	BACK	WBB-5M	
	LINE CETC INCLUSES			WBB-5M
	CABLES INCLUDED	D AND FLARED, INTERCONNECT	25' - ILS2506	25' - ILS2506
	CABLES INCLUDED		50' - ILS5006	50' - ILS5006
CERTIFICATIONS	ENERGY STAR® CERT	FIED	Constitution of the Consti	-



Product registration required. Conditions apply.



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Select Models are ENERGY STAR® Labeled.

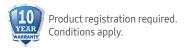
Proper sizing and installation of equipment is critical to achieve performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov.





# SLIM DUCT SPECIFICATIONS - 18,000

	INDOOR UNIT		A COMOKANI DOLLAM
MODEL	OUTDOOR UNIT		AC018KNLDCH/AA
	OUTDOOK UNIT		AC018KXADCH/AA
	CAPACITY	COOLING	18,000 Btu/h
		HEATING	20,000 Btu/h
	CAPACITY RANGE	COOLING	5,000 - 21,000 Btu/h
PERFORMANCE		HEATING	3,800 - 22,000 Btu/h
	SEER / EER		19.5 / 10.7
	COP		2.96
	HSPF		9.7
	VOLTAGE	ø/V/Hz	1/208-230/60
POWER	MAX. BREAKER		20 A
	MIN. CIRCUIT AMPACIT	Υ	12.7 A
		INDOOD	35 7/16 X 7 13/16 X 23 5/8 in.
	WXHXD	INDOOR	
		OUTDOOR	34 5/8 X 25 1/8 X 12 3/16 in.
DIMENSIONS	WEIGHT	INDOOR	52.03 lbs.
		OUTDOOR	98.1 lbs.
	DUCT CONNECTIONS	SUPPLY	33 7/8 X 6 in.
		RETURN	30 9/16 X 6 11/16 in.
SOUND PRESSURE	INDOOR	L/M/H	28 / 32 / 35 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	49 / 50 dB(A)
OPERATING		COOLING	(0*) 23 ≤ T ≤ 115°F
TEMPERATURE	OUTDOOR	HEATING	-4≤T≤76°F
			I T
	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	1/4 in.
		LOW SIDE (FLARE)	1/2 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH	98.4 ft.	
	MAX. VERTICAL SEPAR		65.6 ft.
	CONDENSATE CONNEC	1 1/4 in. OD, 1 in. ID	
	TYPE	R410A	
REFRIGERANT	FACTORY CHARGE	45.86 oz.	
	CHARGED FOR	25 ft.	
COMPRESSOR	TYPE	Inverter Driven, Twin BLDC Rotary	
			-
	TYPE		BLDC (2) With Sirocco Fan (2)
	AIR VOLUME	CFM (L / M / H)	353 / 424 / 495
EVAPORATOR FAN		TOTAL CFM RANGE	350 - 650
	STATIC PRESSURE	STANDARD	0.1 in. WC
	MIN./MAX.		0.0 / 0.24 in. WC
CONDENSER FAN	MOTOR		BLDC With Axial Type Fan (1)
CONDENSER FAIN	CFM (MAX.)		1,526
		SIMPLIFIED	LEUE GLIGGEL
			MWR-SHOON
	WIRED CONTROLLER		MWR-SH00N MWR-SH10N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N
		SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING	MWR-SH10N MWR-WE13N
	THERMOSTAT ADAPTE	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING R (24VAC)	MWR-SH10N MWR-WE13N TADPT2
	THERMOSTAT ADAPTE	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER	MWR-SH10N MWR-WE13N TADPT2 MRK-A10N
	THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING R (24VAC)	MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E
	THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER	MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN
a conscioning	THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING R (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER	MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN FB-SLIM2
ACCESSORIES	THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX EXTERNAL TEMPERAT	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING R (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  URE SENSOR	MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN FB-SLIM2 MRW-TA
ACCESSORIES	THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX EXTERNAL TEMPERAT EXTERNAL CONTACT C	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING R (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  URE SENSOR CONTROL	MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN FB-SLIM2
ACCESSORIES	THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX EXTERNAL TEMPERAT EXTERNAL CONTACT C	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING  IR (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  URE SENSOR CONTROL TERFACE MODULE FOR	MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN FB-SLIM2 MRW-TA
ACCESSORIES	THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX EXTERNAL TEMPERAT EXTERNAL CONTACT C CENTRAL CONTROL IN CONNECTION TO DVM	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING  R (24VAC)  WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  URE SENSOR CONTROL  TERFACE MODULE FOR PLUS CONTROLS (NON-NASA)	MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN FB-SLIM2 MRW-TA MIM-B14 MIM-N01
ACCESSORIES	THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX EXTERNAL TEMPERAT EXTERNAL CONTACT C	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING  R (24VAC)  WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  URE SENSOR CONTROL  TERFACE MODULE FOR PLUS CONTROLS (NON-NASA)	MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN FB-SLIM2 MRW-TA MIM-B14 MIM-N01 CKN-250
ACCESSORIES	THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX EXTERNAL TEMPERAT EXTERNAL CONTACT C CENTRAL CONTROL IN CONNECTION TO DVM WALL BRACKET (FOR C	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING  IR (24VAC)  WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  URE SENSOR CONTROL  TERFACE MODULE FOR PLUS CONTROLS (NON-NASA)  DUTDOOR UNIT)  FRONT	MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN FB-SLIM2 MRW-TA MIM-B14 MIM-N01
ACCESSORIES	THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX EXTERNAL TEMPERAT EXTERNAL CONTACT C CENTRAL CONTROL IN CONNECTION TO DVM	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING  IR (24VAC)  WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  URE SENSOR CONTROL  TERFACE MODULE FOR PLUS CONTROLS (NON-NASA)  DUTDOOR UNIT)  FRONT	MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN FB-SLIM2 MRW-TA MIM-B14 MIM-N01 CKN-250
ACCESSORIES	THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX EXTERNAL TEMPERAT EXTERNAL CONTACT C CENTRAL CONTROL IN CONNECTION TO DVM WALL BRACKET (FOR C	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING  IR (24VAC)  WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  URE SENSOR CONTROL  TERFACE MODULE FOR PLUS CONTROLS (NON-NASA)  DUTDOOR UNIT)  FRONT	MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN FB-SLIM2 MRW-TA MIM-B14 MIM-N01 CKN-250 WBF-4M
ACCESSORIES	THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX EXTERNAL TEMPERAT EXTERNAL CONTACT C CENTRAL CONTROL IN CONNECTION TO DVM WALL BRACKET (FOR C	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING  R (24VAC)  WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  URE SENSOR CONTROL  TERFACE MODULE FOR PLUS CONTROLS (NON-NASA)  DUTDOOR UNIT)  FRONT BACK	MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN FB-SLIM2 MRW-TA MIM-B14 MIM-N01 CKN-250 WBF-4M WBB-6M





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\*With Wind Baffles

# NOTES

# MULTI-POSITION AIR HANDLER (MPAH)

AVAILABLE CAPACITIES (Btu/h)

STANDARD: 18,000 | 24,000 | 30,000 | 36,000 | 42,000 | 48,000 | 54,000;

MAX HEAT™: 30,000 | 36,000





### Available in MAX HEAT™

The Multi-Position Air Handler Max Heat™ is equipped with all the features and benefits of the Multi-Position Air Handler, along with the ability to provide 100% heating capacity at 5°F and high heating output at -13°F. The integral base pan heater helps prevent ice buildup during defrost cycles. These added features allow the Multi-Position Air Handler Max Heat™ to perform in a myriad of applications from warm to cold climates everywhere.

- High Heating Operation
- · Wi-Fi Compatible
- Designed for Cold Climates
- · Quiet Operation
- Energy Efficient
- 10 Year Warranty

### **Model Features**

#### **External Heater**

If additional source of heating is required, customers can install an accessory supplemental electric heat kit.

### Easy Filter Rack

To raise indoor air quality, a 1" or 2" air filter can be used by attaching an accessory air filter base (for upflow applications). For side discharge, filters are inserted inside the suction plenum.

### **Standard Features\*\***

7-Day Programming<sup>1</sup>
Auto Restart
Compatible with DVM S Central Controls
Energy Efficient

Fast Cooling and Heating Optional Wi-Fi Control Capabilities Quiet Mode Twin Rotary BLDC Compressor Various Pipe Installation Options<sup>2</sup> AHRI Certified ETL Listed

### **Convenience Features:**

- Away Mode<sup>1</sup>
- · Optional Supplemental Heat Kits

### Optional Controllers<sup>3</sup>

MWR-WEI3N

MWR-SH10N

MWR-SH00N

AR-EH03E4



### WARRANTY

10 YEAR COMPRESSOR | 10 YEAR PARTS | 1 YEAR LIMITED LABOR Product registration required.

Conditions apply.

<sup>\*</sup>Requires MIM-H03UN Wi-Fi adapter (sold separately)

<sup>\*\*</sup>See standard feature details on pages 1-2
¹Requires accessory controls (sold separately)

<sup>&</sup>lt;sup>2</sup>Excludes 18K model

<sup>&</sup>lt;sup>3</sup>The Multi-Position Air Handler does not include any controllers as standard. <sup>4</sup>Requires MRK-A10N to use wireless remote controller

### SPECIFICATIONS - 18,000 | 24,000

MODEL	INDOOR UNIT		AC018KNZDCH/AA	AC024KNZDCH/AA
MODEL	OUTDOOR UNIT		AC018JXADCH/AA	AC024JXADCH/AA
		COOLING	18,000 Btu/h	24,000 Btu/h
	CAPACITY	HEATING	20,000 Btu/h	27,000 Btu/h
		COOLING	5,000 - 21,000 Btu/h	7,000 - 27,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	4,400 - 24,000 Btu/h	6,700 - 29,000 Btu/h
	SEER / EER		20.10 / 11.25	19.50 / 11.00
	СОР		2.92	3.0
	HSPF		10.0	11.5
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX. BREAKER		15 A	20 A
	MIN. CIRCUIT AMPACI	TY	9.4 A	13.58 A
		INDOOR	17 1/2 X 43 X 21 in.	17 1/2 X 43 X 21 in.
DIMENSIONS	WXHXD	OUTDOOR	34 5/8 X 25 1/8 X 12 1/4 in.	37 X 39 11/16 X 13 in.
DIMENSIONS		INDOOR	98.1 lbs.	98.1 lbs.
WEIGHT	WEIGHT	OUTDOOR	99 lbs.	142 lbs.
SOUND PRESSURE	INDOOR	L/M/H	32 / 35 / 38 dB(A)	35 / 38 / 41 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	48 / 48 dB(A)	50 / 50 dB(A)
OPERATING		COOLING	(0*) 23 ≤ T ≤ 115°F	(0*) 23 ≤ T ≤ 115°F
TEMPERATURE	OUTDOOR	HEATING	-4 ≤ T ≤ 76°F	-4≤T≤76°F
	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	1/4 in.	1/4 in.
PIPE CONNECTIONS	MAY LINE SET LENGT	LOW SIDE (FLARE)	1/2 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		98 ft.	164 ft.
	MAX. VERTICAL SEPA		66 ft. 3/4 in. FNPT	98 ft. 3/4 in. FNPT
	CONDENSATE CONNECTION			I
	TYPE		R410A	R410A
REFRIGERANT	FACTORY CHARGE		45.86 oz.	74.08 oz.
	CHARGED FOR		25 ft.	25 ft.
COMPRESSOR	ТҮРЕ		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
	ТҮРЕ		Double-inlet, forward curve, centrifugal (with ECM motor)	Double-inlet, forward curve, centrifugal (with ECM motor)
EVAPORATOR FAN	AIR VOLUME	CFM (L/M/H)	495 / 530 / 600	547 / 635 / 760
EVAFORATOR FAIN	711111111111111111111111111111111111111	TOTAL CFM RANGE	130 - 682	262 - 888
	STATIC PRESSURE	STANDARD	0.2 in. WC	0.2 in. WC
		MIN. / MAX.	0.0 / 0.8 in. WC	0.0 / 0.8 in. WC
CONDENSER FAN	MOTOR		BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (1)
CONDENSERTAN	CFM (MAX.)		1,550	2,190
		SIMPLIFIED	MWR-SH00N	MWR-SH00N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
		PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPT	ER (24VAC)	TADPT2	TADPT2
	WIRELESS SIGNAL	WIRELESS SIGNAL RECEIVER	MRK-A10N	MRK-A10N
	CONTROL	WIRELESS CONTROLLER	AR-EH03E	AR-EH03E
	CONTROL	WI-FI ADAPTER		
	WI-FI ADAPTER	1	MIM-H03UN	MIM-H03UN
	WI-FI ADAPTER FILTER BOX (INCLUDE	S 1 in. MERV 8 FILTER)	VFB-1	VFB-1
	WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL	S 1 in. MERV 8 FILTER) MODEL NUMBER	VFB-1 VHK-103A (3 kW)	VFB-1 VHK-103A (3 kW)
ACCESSORIES	WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT	MODEL NUMBER	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW)	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW)
ACCESSORIES	WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT	MODEL NUMBER TURE SENSOR	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW) MRW-TA	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW) MRW-TA
ACCESSORIES	WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT	MODEL NUMBER TURE SENSOR CONTROL	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW)	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW)
ACCESSORIES	WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT CENTRAL CONTROL IN	MODEL NUMBER TURE SENSOR CONTROL ITERFACE MODULE FOR	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW) MRW-TA	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW) MRW-TA
ACCESSORIES	WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT CENTRAL CONTROL IN CONNECTION TO DVM	MODEL NUMBER TURE SENSOR CONTROL ITERFACE MODULE FOR IPLUS CONTROLS (NON-NASA)	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW) MRW-TA MIM-B14 MIM-N01	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW) MRW-TA MIM-B14 MIM-N01
ACCESSORIES	WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT CENTRAL CONTROL II CONNECTION TO DVM WALL BRACKET (FOR	MODEL NUMBER TURE SENSOR CONTROL ITERFACE MODULE FOR IPLUS CONTROLS (NON-NASA) DUTDOOR UNIT)	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW) MRW-TA MIM-B14 MIM-N01 CKN-250	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW) MRW-TA MIM-B14 MIM-N01 CKN-250
ACCESSORIES	WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT CENTRAL CONTROL IN CONNECTION TO DVM	MODEL NUMBER  TURE SENSOR  CONTROL  NTERFACE MODULE FOR  I PLUS CONTROLS (NON-NASA)  DUTDOOR UNIT)  FRONT	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW) MRW-TA MIM-B14 MIM-N01 CKN-250 WBF-4M	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW) MRW-TA MIM-B14 MIM-N01 CKN-250 WBF-2M
ACCESSORIES	WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT CENTRAL CONTROL IN CONNECTION TO DVM WALL BRACKET (FOR	MODEL NUMBER TURE SENSOR CONTROL ITERFACE MODULE FOR IPLUS CONTROLS (NON-NASA) DUTDOOR UNIT)	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW) MRW-TA MIM-B14 MIM-N01 CKN-250	VFB-1 VHK-103A (3 kW) VHK-105A (5 kW) MRW-TA MIM-B14 MIM-N01 CKN-250



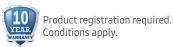


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### SPECIFICATIONS - 30,000 | 36,000

	INDOOR UNIT		AC030KNZDCH/AA	AC036KNZDCH/AA
MODEL	OUTDOOR UNIT		AC030JXADCH/AA	AC036JXADCH/AA
		COOLING	30,000 Btu/h	36,000 Btu/h
	CAPACITY	HEATING	32,000 Btu/h	40,000 Btu/h
		COOLING	9,3000 - 35,000 Btu/h	14,000 - 39,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	9,000 - 38,000 Btu/h	12.000 - 43.000 Btu/h
	SEER / EER	TEATHO.	19.60 / 10.15	19.00 / 11.40
	COP		3.33	3.24
	HSPF		10.4	10.2
		. 157.111		
DOWED	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX. BREAKER	T) (	35 A	40 A
	MIN. CIRCUIT AMPACI	I T	21.71 A	26.36 A
	WXHXD	INDOOR	21 X 48 X 21 in.	21 X 48 X 21 in.
DIMENSIONS		OUTDOOR	37 X 39 11/16 X 13 in.	37 X 48 X 13 in.
	WEIGHT	INDOOR	123.46 lbs.	123.46 lbs.
		OUTDOOR	154 lbs.	194 lbs.
SOUND PRESSURE	INDOOR	L/M/H	35 / 38 / 41 dB(A)	36/39/42 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	50 / 52 dB(A)	49 / 51 dB(A)
OPERATING		COOLING	(0*) 23 ≤ T ≤ 115°F	(0*) 23 ≤ T ≤ 115°F
TEMPERATURE	OUTDOOR	HEATING	-4≤T≤76°F	-4 ≤ T ≤ 76°F
		HIGH SIDE (FLARE)	3/8 in.	3/8 in.
	INDOOR & OUTDOOR			
PIPE CONNECTIONS	MAY LINE SET LENGT	LOW SIDE (FLARE)	5/8 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		164 ft.	246 ft.
	MAX. VERTICAL SEPARATION		98 ft.	98 ft.
	CONDENSATE CONNECTION		3/4 in. FNPT	3/4 in. FNPT
	TYPE		R410A	R410A
REFRIGERANT	FACTORY CHARGE		91.71 oz.	98.77 oz.
	CHARGED FOR		25 ft.	25 ft.
COMPRESSOR	TYPE		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
	ТҮРЕ		Double-inlet, forward curve, centrifugal (with ECM motor)	Double-inlet, forward curve, centrifugal (with ECM motor)
EVAPORATOR FAN				continuagui (mar 20m motor)
	AIR VOI UMF	CFM (L/M/H)	847 / 918 / 1,006	883 / 1,042 / 1,165
	AIR VOLUME	CFM (L / M / H) TOTAL CFM RANGE	847 / 918 / 1,006 419 - 1,314	
				883 / 1,042 / 1,165
	AIR VOLUME STATIC PRESSURE	TOTAL CFM RANGE	419 - 1,314	883 / 1,042 / 1,165 419 - 1,314
		TOTAL CFM RANGE STANDARD	419 - 1,314 0.24 in. WC	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC
	STATIC PRESSURE	TOTAL CFM RANGE STANDARD	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC
CONDENSER FAN	STATIC PRESSURE	TOTAL CFM RANGE STANDARD	419 - 1,314 0.24 in, WC 0.0 / 1.0 in, WC BLDC With Axial Type Fan (1)	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC BLDC With Axial Type Fan (2)
	STATIC PRESSURE	TOTAL CFM RANGE STANDARD MIN. / MAX.	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC BLDC With Axial Type Fan (1) 2,219 MWR-SHOON	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC BLDC With Axial Type Fan (2) 3,040 MWR-SHOON
	STATIC PRESSURE  MOTOR  CFM (MAX.)	TOTAL CFM RANGE STANDARD MIN. / MAX.  SIMPLIFIED	419 - 1,314 0.24 in, WC 0.0 / 1.0 in, WC BLDC With Axial Type Fan (1) 2,219	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC BLDC With Axial Type Fan (2) 3,040
	STATIC PRESSURE  MOTOR  CFM (MAX.)	TOTAL CFM RANGE STANDARD MIN. / MAX.  SIMPLIFIED SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (1) 2,219  MWR-SH00N  MWR-SH10N  MWR-WE13N	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC BLDC With Axial Type Fan (2) 3,040 MWR-SH00N MWR-SH10N MWR-WE13N
	MOTOR CFM (MAX.) WIRED CONTROLLER	TOTAL CFM RANGE STANDARD MIN. / MAX.  SIMPLIFIED SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC)	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (1) 2,219  MWR-SH00N MWR-SH10N MWR-WE13N TADPT2	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC BLDC With Axial Type Fan (2) 3,040 MWR-SH00N MWR-SH10N MWR-WE13N TADPT2
	MOTOR CFM (MAX.) WIRED CONTROLLER THERMOSTAT ADAPT	TOTAL CFM RANGE STANDARD MIN. / MAX.  SIMPLIFIED SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (1) 2,219  MWR-SH00N  MWR-SH10N  MWR-WE13N	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC BLDC With Axial Type Fan (2) 3,040 MWR-SH00N MWR-SH10N MWR-WE13N
	MOTOR CFM (MAX.) WIRED CONTROLLER THERMOSTAT ADAPT WIRELESS SIGNAL	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (1) 2,219  MWR-SH00N MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC BLDC With Axial Type Fan (2) 3,040 MWR-SH00N MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E
	MOTOR CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPTI WIRELESS SIGNAL CONTROL WI-FI ADAPTER	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (1) 2,219  MWR-SH00N MWR-SH10N MWR-WE13N TADPT2 MRK-A10N	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC BLDC With Axial Type Fan (2) 3,040 MWR-SH00N MWR-SH10N MWR-WE13N TADPT2 MRK-A10N
	MOTOR CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPTI WIRELESS SIGNAL CONTROL WI-FI ADAPTER	TOTAL CFM RANGE STANDARD MIN. / MAX.  SIMPLIFIED SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER S 1 in. MERV 8 FILTER)	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (1) 2,219  MWR-SH00N MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC BLDC With Axial Type Fan (2) 3,040 MWR-SH00N MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN
CONDENSER FAN	MOTOR CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPTI WIRELESS SIGNAL CONTROL  WI-FI ADAPTER FILTER BOX (INCLUDE	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER  WIRELESS CONTROLLER	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (1) 2,219  MWR-SH00N MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN VFB-2	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (2) 3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-2
CONDENSER FAN	MOTOR CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPTI WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL	TOTAL CFM RANGE STANDARD MIN. / MAX.  SIMPLIFIED SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER S 1 in. MERV 8 FILTER) MODEL NUMBER	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (1) 2,219  MWR-SH00N MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN VFB-2 VHK-205A (5 kW)	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (2) 3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-2  VHK-205A (5 kW)
CONDENSER FAN	MOTOR CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPTI WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT	TOTAL CFM RANGE STANDARD MIN. / MAX.  SIMPLIFIED SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  S 1 in. MERV 8 FILTER)  MODEL NUMBER TURE SENSOR	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (1) 2,219  MWR-SH00N MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN VFB-2 VHK-205A (5 kW) VHK-210A (10 kW)	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (2) 3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-2  VHK-205A (5 kW) VHK-210A (10 kW)
CONDENSER FAN	MOTOR CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPTI WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTROL IN	TOTAL CFM RANGE STANDARD MIN. / MAX.  SIMPLIFIED SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  S 1 in. MERV 8 FILTER)  MODEL NUMBER TURE SENSOR	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (1) 2,219  MWR-SH00N MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN VFB-2 VHK-205A (5 kW) VHK-210A (10 kW) MRW-TA	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (2) 3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-2  VHK-205A (5 kW) VHK-210A (10 kW)  MRW-TA
CONDENSER FAN	MOTOR CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPTI WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT CENTRAL CONTACT IN	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER  WIRELESS CONTROLLER  S 1 in. MERV 8 FILTER)  MODEL NUMBER  TURE SENSOR  CONTROL  ITERFACE MODULE FOR  IPLUS CONTROLS (NON-NASA)	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (1) 2,219  MWR-SH00N MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN VFB-2 VHK-205A (5 kW) VHK-210A (10 kW) MRW-TA MIM-B14	883 / 1,042 / 1,165  419 - 1,314  0.24 in. WC  0.0 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-2  VHK-205A (5 kW)  VHK-210A (10 kW)  MRW-TA  MIM-B14
CONDENSER FAN	MOTOR CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPT WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTROL ICONNECTION TO DVM WALL BRACKET (FOR	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER  WIRELESS CONTROLLER  S 1 in. MERV 8 FILTER)  MODEL NUMBER  TURE SENSOR  CONTROL  MITERFACE MODULE FOR  I PLUS CONTROLS (NON-NASA)  DUTDOOR UNIT)	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (1) 2,219  MWR-SH00N MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN VFB-2 VHK-205A (5 kW) VHK-210A (10 kW) MRW-TA MIM-B14  MIM-N01	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (2) 3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-2  VHK-205A (5 kW)  VHK-210A (10 kW)  MRW-TA  MIM-B14  MIM-N01
	MOTOR CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPTI WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT: CENTRAL CONTROL IN CONNECTION TO DVM	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER  WIRELESS CONTROLLER  S 1 in. MERV 8 FILTER)  MODEL NUMBER  TURE SENSOR  CONTROL  MITERFACE MODULE FOR  I PLUS CONTROLS (NON-NASA)  DUTDOOR UNIT)	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (1) 2,219  MWR-SH00N MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN VFB-2 VHK-205A (5 kW) VHK-210A (10 kW) MRW-TA MIM-B14  MIM-N01 CKN-250	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (2) 3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-2  VHK-205A (5 kW) VHK-210A (10 kW)  MRW-TA  MIM-B14  MIM-N01  CKN-250
CONDENSER FAN	MOTOR CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPTI WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT: CENTRAL CONTROL II CONNECTION TO DVM WALL BRACKET (FOR: WIND BAFFLE/GUARD	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER  WIRELESS CONTROLLER  S 1 in. MERV 8 FILTER)  MODEL NUMBER  TURE SENSOR  CONTROL  ITERFACE MODULE FOR  PLUS CONTROLS (NON-NASA)  DUTDOOR UNIT)  FRONT	419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (1) 2,219  MWR-SH00N MWR-SH10N MWR-WE13N TADPT2 MRK-A10N AR-EH03E MIM-H03UN VFB-2 VHK-205A (5 kW) VHK-210A (10 kW) MRW-TA MIM-B14  MIM-N01 CKN-250 WBF-2M	883 / 1,042 / 1,165 419 - 1,314 0.24 in. WC 0.0 / 1.0 in. WC  BLDC With Axial Type Fan (2) 3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-2  VHK-205A (5 kW) VHK-210A (10 kW)  MRW-TA  MIM-B14  MIM-N01  CKN-250  WBF-1M2





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### SPECIFICATIONS - 42,000 | 48,000

	INDOOR UNIT		AC042KNZDCH/AA	AC048KNZDCH/AA
MODEL	OUTDOOR UNIT		AC042JXADCH/AA	AC048JXADCH/AA
		COOLING	42,000 Btu/h	48,000 Btu/h
	CAPACITY	HEATING	47,000 Btu/h	53,000 Btu/h
	CADACITY DANCE	COOLING	17,000 - 44,000 Btu/h	19,000 - 50,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	14,000 - 49,000 Btu/h	16,000 - 55,000 Btu/h
	SEER / EER		18.40 / 10.15	18.00 / 9.60
	СОР		3.26	3.14
	HSPF		9.6	9.7
	VOLTAGE	ø/V/Hz	1 / 208-230 / 60	1 / 208-230 / 60
POWER	MAX. BREAKER		40 A	40 A
	MIN. CIRCUIT AMPACI	TY	26.36 A	26.36 A
		INDOOR	24 1/2 X 58 3/4 X 21 3/4 in.	24 1/2 X 58 3/4 X 21 3/4 in.
	WXHXD	OUTDOOR	37 X 48 X 13 in.	37 X 48 X 13 in.
DIMENSIONS		INDOOR	163.14 lbs.	163.14 lbs.
	WEIGHT	OUTDOOR	194 lbs.	194 lbs.
SOUND PRESSURE	INDOOR	L/M/H	36 / 39 / 42 dB(A)	38 / 41 / 43 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	51 / 53 dB(A)	53 / 55 dB(A)
ODEDATING		COOLING	(0*) 23 ≤ T ≤ 115°F	(0*) 23 ≤ T ≤ 115°F
OPERATING TEMPERATURE	OUTDOOR	HEATING	-4≤T≤76°F	-4≤T≤76°F
TEMI ERATORE		<u> </u>		
	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	3/8 in.	3/8 in.
DIDE CONNECTIONS	MAY LINE CET LENGT	LOW SIDE (FLARE)	5/8 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		246 ft.	246 ft.
	MAX. VERTICAL SEPA		98 ft.	98 ft.
	CONDENSATE CONNECTION		3/4 in. FNPT	3/4 in. FNPT
	TYPE		R410A	R410A
REFRIGERANT	FACTORY CHARGE		98.77 oz.	98.77 oz.
	CHARGED FOR			25 ft.
			25 ft.	2316
COMPRESSOR	ТҮРЕ		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
COMPRESSOR				
	ТҮРЕ	CFM (L/M/H)	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve,	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve,
COMPRESSOR EVAPORATOR FAN	ТҮРЕ	CFM (L / M / H) TOTAL CFM RANGE	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)
	TYPE TYPE AIR VOLUME		Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413
	ТҮРЕ	TOTAL CFM RANGE	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739
EVAPORATOR FAN	TYPE TYPE AIR VOLUME	TOTAL CFM RANGE STANDARD	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC
	TYPE TYPE AIR VOLUME STATIC PRESSURE	TOTAL CFM RANGE STANDARD	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC
EVAPORATOR FAN	TYPE TYPE AIR VOLUME STATIC PRESSURE MOTOR	TOTAL CFM RANGE STANDARD	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)
EVAPORATOR FAN	TYPE TYPE AIR VOLUME STATIC PRESSURE MOTOR	TOTAL CFM RANGE STANDARD MIN. / MAX.	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040
EVAPORATOR FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)	TOTAL CFM RANGE STANDARD MIN. / MAX. SIMPLIFIED	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0,28 in, WC  0,1 / 1,0 in, WC  BLDC With Axial Type Fan (2)  3,040  MWR-SHOON	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SHOON
EVAPORATOR FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)	TOTAL CFM RANGE STANDARD MIN. / MAX.  SIMPLIFIED SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N
EVAPORATOR FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)  WIRED CONTROLLER	TOTAL CFM RANGE STANDARD MIN. / MAX.  SIMPLIFIED SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N
EVAPORATOR FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPT	TOTAL CFM RANGE STANDARD MIN. / MAX.  SIMPLIFIED SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC)	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0,28 in, WC  0,1 / 1,0 in, WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2
EVAPORATOR FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPT WIRELESS SIGNAL CONTROL WI-FI ADAPTER	TOTAL CFM RANGE STANDARD MIN. / MAX.  SIMPLIFIED SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N
EVAPORATOR FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPT WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3
EVAPORATOR FAN  CONDENSER FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPT WIRELESS SIGNAL CONTROL  WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL	TOTAL CFM RANGE STANDARD MIN. / MAX.  SIMPLIFIED SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)
EVAPORATOR FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPT WIRELESS SIGNAL CONTROL  WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT	TOTAL CFM RANGE STANDARD MIN. / MAX.  SIMPLIFIED SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER SS 1 in. MERV 8 FILTER) MODEL NUMBER	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)
EVAPORATOR FAN  CONDENSER FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPT WIRELESS SIGNAL CONTROL  WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER  WIRELESS CONTROLLER  ST 1 in. MERV 8 FILTER)  MODEL NUMBER  TURE SENSOR	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)  MRW-TA	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)  MRW-TA
EVAPORATOR FAN  CONDENSER FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPT WIRELESS SIGNAL CONTROL  WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER  WIRELESS CONTROLLER  SS 1 in. MERV 8 FILTER)  MODEL NUMBER  TURE SENSOR  CONTROL	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)
EVAPORATOR FAN  CONDENSER FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPTI WIRELESS SIGNAL CONTROL  WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTROL II	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER  WIRELESS CONTROLLER  ST 1 in. MERV 8 FILTER)  MODEL NUMBER  TURE SENSOR	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)  MRW-TA	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)  MRW-TA
EVAPORATOR FAN  CONDENSER FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPTI WIRELESS SIGNAL CONTROL  WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTROL II	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER  WIRELESS CONTROLLER  SS 1 in. MERV 8 FILTER)  MODEL NUMBER  TURE SENSOR  CONTROL  NTERFACE MODULE FOR  I PLUS CONTROLS (NON-NASA)	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0,28 in, WC  0,1 / 1,0 in, WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)  MRW-TA  MIM-B14	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)  MRW-TA  MIM-B14
EVAPORATOR FAN  CONDENSER FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPTI WIRELESS SIGNAL CONTROL  WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL TEMPERAT CONTROL III CONNECTION TO DVM	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER  WIRELESS CONTROLLER  ES 1 in. MERV 8 FILTER)  MODEL NUMBER  TURE SENSOR  CONTROL  NTERFACE MODULE FOR  I PLUS CONTROLS (NON-NASA)  OUTDOOR UNIT)	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH0N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)  MRW-TA  MIM-B14  MIM-N01	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH0N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)  MRW-TA  MIM-B14  MIM-N01
EVAPORATOR FAN  CONDENSER FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPT WIRELESS SIGNAL CONTROL  WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT: CENTRAL CONTROL II CONNECTION TO DVM	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER  WIRELESS CONTROLLER  ES 1 in. MERV 8 FILTER)  MODEL NUMBER  TURE SENSOR  CONTROL  NTERFACE MODULE FOR  I PLUS CONTROLS (NON-NASA)  OUTDOOR UNIT)	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)  MRW-TA  MIM-B14  MIM-N01  CKN-250	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)  MRW-TA  MIM-B14  MIM-N01  CKN-250
EVAPORATOR FAN  CONDENSER FAN	TYPE  TYPE  AIR VOLUME  STATIC PRESSURE  MOTOR  CFM (MAX.)  WIRED CONTROLLER  THERMOSTAT ADAPT WIRELESS SIGNAL CONTROL  WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT CENTRAL CONTACT CONNECTION TO DVM WALL BRACKET (FOR WIND BAFFLE/GUARD	TOTAL CFM RANGE  STANDARD  MIN. / MAX.  SIMPLIFIED  SIMPLIFIED TOUCH CONTROLLER  PREMIUM W/ SCHEDULING  ER (24VAC)  WIRELESS SIGNAL RECEIVER  WIRELESS CONTROLLER  ES 1 in. MERV 8 FILTER)  MODEL NUMBER  TURE SENSOR  CONTROL  VITERFACE MODULE FOR  I PLUS CONTROLS (NON-NASA)  OUTDOOR UNIT)  FRONT	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,060 / 1,165 / 1,271  620 - 1,315  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH00N  MWR-SH10N  AWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)  MRW-TA  MIM-B14  MIM-N01  CKN-250  WBF-1M2	Inverter Driven, Twin BLDC Rotary  Double-inlet, forward curve, centrifugal (with ECM motor)  1,130 / 1,271 / 1,413  415 - 1,739  0.28 in. WC  0.1 / 1.0 in. WC  BLDC With Axial Type Fan (2)  3,040  MWR-SH00N  MWR-SH10N  MWR-SH10N  AR-E13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)  MRW-TA  MIM-B14  MIM-N01  CKN-250  WBF-1M2





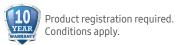
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Intertek

### SPECIFICATIONS - 54,000

MODEL	INDOOR UNIT	<u> </u>	AC054KNZDCH/AA	
MODEL	OUTDOOR UNIT		AC054KXADCH/AA	
		COOLING	54,000 Btu/h	
	CAPACITY	HEATING	60,000 Btu/h	
		COOLING	21,000 - 55,000 Btu/h	
PERFORMANCE	CAPACITY RANGE	HEATING	21,000 - 62,000 Btu/h	
	SEER / EER		17.10 / 8.05	
	СОР	3.03		
	HSPF	9		
	VOLTAGE	ø/V/Hz	1/208-230/60	
POWER	MAX. BREAKER	D7 77112	70 A	
OHER	MIN. CIRCUIT AMPACIT			
	MIN. CIRCOIT AMPACE		41.64 A	
	WXHXD	INDOOR	24 1/2 X 58 3/4 X 21 3/4 in.	
DIMENSIONS		OUTDOOR	37 X 56 X 13 in.	
	WEIGHT	INDOOR	163.14 lbs.	
		OUTDOOR	211.6 lbs.	
SOUND PRESSURE	INDOOR	L/M/H	39 / 42 / 45 dB(A)	
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	56 / 56 dB(A)	
OPERATING		COOLING	(0*) 23 ≤ T ≤ 115°F	
TEMPERATURE	OUTDOOR	HEATING	-4≤T≤76°F	
	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	3/8 in.	
DIDE CONNECTIONS	LOW SIDE (FLARE)		3/4 in.	
PIPE CONNECTIONS	MAX. LINE SET LENGTI	246 ft. 98 ft.		
		MAX. VERTICAL SEPARATION		
	CONDENSATE CONNE	CTION	3/4 in. FNPT	
	TYPE	R410A		
REFRIGERANT	FACTORY CHARGE	123.52 oz.		
	CHARGED FOR	25 ft.		
COMPRESSOR	TYPE		Inverter Driven, Twin BLDC Rotary	
	TYPE		Double-inlet, forward curve,	
			centrifugal (with ECM motor)	
EVAPORATOR FAN	AIR VOLUME	CFM (L / M / H)	1,342 / 1,501 / 1,890	
EVAPORATOR FAIN	AIR VOLOME	TOTAL CFM RANGE	370 - 2,000	
	STATIC PRESSURE	STANDARD	0.28 in. WC	
	STATICT RESSURE	MIN. / MAX.	0.1 / 1.0 in. WC	
	MOTOR		BLDC With Axial Type Fan (2)	
CONDENSER FAN				
	CFM (MAX.)		5,160	
	CFM (MAX.)	SIMPLIFIED	5,160	
		SIMPLIFIED SIMPLIFIED TOLICH CONTROLLER	5,160 MWR-SH00N	
		SIMPLIFIED TOUCH CONTROLLER	5,160 MWR-SH00N MWR-SH10N	
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING	5,160 MWR-SH00N MWR-SH10N MWR-WE13N	
	WIRED CONTROLLER THERMOSTAT ADAPTE	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC)	5,160 MWR-SH00N MWR-SH10N MWR-WE13N TADPT2	
	WIRED CONTROLLER  THERMOSTAT ADAPTE WIRELESS SIGNAL	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER	5,160  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N	
	WIRED CONTROLLER  THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC)	5,160  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E	
	WIRED CONTROLLER  THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER	5,160  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN	
	WIRED CONTROLLER  THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER	5,160  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3	
	WIRED CONTROLLER  THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER S 1 in. MERV 8 FILTER)	5,160  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)	
ACCESSORIES	WIRED CONTROLLER THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER	5,160  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)	
ACCESSORIES	WIRED CONTROLLER  THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER S 1 in. MERV 8 FILTER) MODEL NUMBER	5,160  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)  VHK-315A (15kW)	
ACCESSORIES	WIRED CONTROLLER THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER S 1 in. MERV 8 FILTER) MODEL NUMBER URE SENSOR	5,160  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-315A (15 kW)  MRW-TA	
ACCESSORIES	WIRED CONTROLLER  THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT (	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  S 1 in. MERV 8 FILTER)  MODEL NUMBER URE SENSOR CONTROL	5,160  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-310A (10 kW)  VHK-315A (15kW)	
ACCESSORIES	WIRED CONTROLLER  THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT (CENTRAL CONTROL IN	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER S 1 in. MERV 8 FILTER) MODEL NUMBER URE SENSOR	5,160  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-315A (15 kW)  MRW-TA	
ACCESSORIES	WIRED CONTROLLER  THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT ( CENTRAL CONTROL IN CONNECTION TO DVM	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  S 1 in. MERV 8 FILTER)  MODEL NUMBER URE SENSOR CONTROL ITERFACE MODULE FOR PLUS CONTROLS (NON-NASA)	5,160  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-315A (15kW)  MRW-TA  MIM-B14  MIM-N01	
ACCESSORIES	WIRED CONTROLLER  THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT (CENTRAL CONTROL IN	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  S 1 in. MERV 8 FILTER)  MODEL NUMBER  URE SENSOR CONTROL ITERFACE MODULE FOR PLUS CONTROLS (NON-NASA) DUTDOOR UNIT)	5,160  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-315A (15kW)  MRW-TA  MIM-B14  MIM-N01  CKN-250	
ACCESSORIES	WIRED CONTROLLER  THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT ( CENTRAL CONTROL IN CONNECTION TO DVM	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING ER (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER  S 1 in. MERV 8 FILTER)  MODEL NUMBER URE SENSOR CONTROL ITERFACE MODULE FOR PLUS CONTROLS (NON-NASA) DUTDOOR UNIT) FRONT	5,160  MWR-SH00N  MWR-SH10N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-315A (15kW)  MRW-TA  MIM-B14  MIM-N01  CKN-250  WBF-6M	
ACCESSORIES	WIRED CONTROLLER THERMOSTAT ADAPTE WIRELESS SIGNAL CONTROL WI-FI ADAPTER FILTER BOX (INCLUDE SUPPLEMENTAL ELECTRIC HEAT KIT EXTERNAL TEMPERAT EXTERNAL CONTACT ( CENTRAL CONTROL IN CONNECTION TO DVM WALL BRACKET (FOR ( WIND BAFFLE/GUARD	SIMPLIFIED TOUCH CONTROLLER PREMIUM W/ SCHEDULING R (24VAC) WIRELESS SIGNAL RECEIVER WIRELESS CONTROLLER S 1 in. MERV 8 FILTER) MODEL NUMBER URE SENSOR CONTROL ITERFACE MODULE FOR PLUS CONTROLS (NON-NASA) DUTDOOR UNIT) FRONT	5,160  MWR-SH00N  MWR-SH10N  MWR-WE13N  TADPT2  MRK-A10N  AR-EH03E  MIM-H03UN  VFB-3  VHK-305A (5 kW)  VHK-315A (15kW)  MRW-TA  MIM-B14  MIM-N01  CKN-250	





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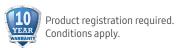


# MULTI-POSITION AIR HANDLER MAX HEAT™

### SPECIFICATIONS - 30,000 | 36,000



				MAXOTEAL
MODEL	INDOOR UNIT		AC030KNZDCH/AA	AC036KNZDCH/AA
MODEL	OUTDOOR UNIT		AC030JXSCCH/AA	AC036JXSCCH/AA
		COOLING	30,000 Btu/h	36.000 Btu/h
	CAPACITY	HEATING	32,000 Btu/h	40,000 Btu/h
		COOLING	14,000 - 36,000 Btu/h	14,000 - 42,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	11,500 - 39,000 Btu/h	12,000 - 48,000 Btu/h
	SEER / EER	-	20.3 / 12.2	20.0 / 11.0
	COP		3.45	3.32
	HSPF		10.6	10.4
		ø/V/Hz		1/208-230/60
POWER	VOLTAGE	0 / V / HZ	1/208-230/60	
POWER	MAX. BREAKER MIN. CIRCUIT AMPACI	TV	45 A	45 A
	MIN. CIRCUIT AMPACI	I T	32 A	32 A
	WXHXD	INDOOR	21 X 48 X 21 in.	21 X 48 X 21 in.
DIMENSIONS		OUTDOOR	37 X 55 7/8 X 13 in.	37 X 55 7/8 X 13 in.
DIMENSIONS	WEIGHT	INDOOR	123.5 lbs.	123.5 lbs.
	WEIGHT	OUTDOOR	211.64 lbs.	211.64 lbs.
SOUND PRESSURE	INDOOR	L/M/H	35 / 38 / 41 dB(A)	36 / 39 / 42 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	49 / 50 dB(A)	51 / 53 dB(A)
ODEDATING		COOLING	(-4*) 23 ≤ T ≤ 115°F	(-4*) 23 ≤ T ≤ 115°F
OPERATING TEMPERATURE	OUTDOOR	HEATING		
TEMI EKATOKE			-13 ≤ T ≤ 76°F	-13 ≤ T ≤ 76°F
	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	3/8 in.	3/8 in.
		LOW SIDE (FLARE)	5/8 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		246 ft.	246 ft.
	MAX. VERTICAL SEPARATION		98 ft.	98 ft.
	CONDENSATE CONNECTION		3/4 in. FNPT	3/4 in. FNPT
	ТҮРЕ		R410A	R410A
REFRIGERANT	FACTORY CHARGE		102.29 oz.	102.29 oz.
	CHARGED FOR		25 ft.	25 ft.
COMPRESSOR	TYPE		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
			Double-inlet, forward curve,	Double-inlet, forward curve,
	ТҮРЕ		centrifugal (with ECM motor)	centrifugal (with ECM motor)
		CFM (L/M/H)	848 / 918 / 1,007	883 / 1,042 / 1,165
EVAPORATOR FAN	AIR VOLUME	TOTAL CFM RANGE	419 - 1,314	419 - 1,314
		STANDARD	0.24 in. WC	0.24 in. WC
	STATIC PRESSURE	MIN. / MAX.	0.0 / 1.0 in. WC	0.0 / 1.0 in. WC
	MOTOR	1	BLDC With Axial Type Fan (2)	BLDC With Axial Type Fan (2)
CONDENSER FAN	CFM (MAX.)		4,415	4,415
	CI W (WAX.)	T.	· · · · · · · · · · · · · · · · · · ·	<u> </u>
		SIMPLIFIED	MWR-SHOON	MWR-SH00N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
		PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPT		TADPT2	TADPT2
	WIRELESS SIGNAL	WIRELESS SIGNAL RECEIVER	MRK-A10N	MRK-A10N
	CONTROL	WIRELESS CONTROLLER	AR-EH03E	AR-EH03E
	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
	FILTER BOX (INCLUDE	S 1 in. MERV 8 FILTER)	VFB-2	VFB-2
	SUPPLEMENTAL	MODEL NUMBER	VHK-205A (5 kW)	VHK-205A (5 kW)
ACCESSORIES	ELECTRIC HEAT KIT		VHK-210A (10 kW)	VHK-210A (10 kW)
	EXTERNAL TEMPERAT		MRW-TA	MRW-TA
	EXTERNAL CONTACT	CONTROL	MIM-B14	MIM-B14
		NTERFACE MODULE FOR I PLUS CONTROLS (NON-NASA)	MIM-NO1	MIM-NO1
	WALL BRACKET (FOR	OUTDOOR UNIT)	CKN-250	CKN-250
		FRONT	WBF-6M	WBF-6M
	WIND BAFFLE/GUARD	)		WBB-4M
	LINE SETS - INSULATE			
	WIND BAFFLE/GUARD LINE SETS - INSULATE CABLES INCLUDED	BACK D AND FLARED, INTERCONNECT	WBB-4M 25' - ILS2510 50' - ILS5010	





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### AVAILABLE CAPACITIES (Btu/h) - 12,000 | 18,000 | 24,000 | 30,000 | 36,000





12K, 18K & 24K MODELS





**30K & 36K MODELS** 

### **Model Features**

### **Easy Filter Cleaning**

After 1,000 hours of operation, the 'filter clean' indicator will notify you that the filter should be cleaned. (1000 hours is the default set time, but it can be adjusted to 2,000.)

### **Longer Pipe Lengths**

As compared to standard residential systems

### **Standard Features\*\***

7-Day Programming<sup>1</sup> **Auto Restart** Compatible with DVM S Central Controls **Energy Efficient** Fast Cooling and Heating

FMC (Flat Micro-Channel Condenser Coil)2 Lightweight Optional Wi-Fi Control Capabilities **Pre Filter** 

Quiet Mode Twin Rotary BLDC Compressor<sup>2</sup> Various Pipe Installation Options<sup>2</sup> **AHRI Certified ETL Listed** 

### **Convenience Features:**

- Away Mode<sup>1</sup>
- · Wide Operating Range (Outside Temperature)

### **Optional Controllers<sup>3</sup>**

MWR-SH00N

MWR-SH10N

MWR-WE13N

AR-EH03E



### WARRANTY

10 YEAR COMPRESSOR | 10 YEAR PARTS | 1 YEAR LIMITED LABOR Product registration required. Conditions apply.

<sup>\*</sup>Requires MIM-H03UN Wi-Fi adapter (sold separately)

<sup>\*\*</sup>See standard feature details on pages 1-2

<sup>&</sup>lt;sup>1</sup> Requires accessory controls (sold separately) <sup>2</sup> Excludes 12K model

### SPECIFICATIONS - 12,000 | 18,000

MODEL	INDOOR UNIT		AC012MNADCH/AA	AC018MNADCH/AA
MODEL	OUTDOOR UNIT		AC012KXADCH/AA	AC018JXADCH/AA
	CARACITY	COOLING	12,000 Btu/h	18,000 Btu/h
	CAPACITY	HEATING	14,000 Btu/h	20,000 Btu/h
	CAPACITY RANGE	COOLING	3,400 - 14,500 Btu/h	4,000 - 20,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	3,000 - 16,200 Btu/h	3,800 - 25,000 Btu/h
	SEER / EER		18.0 / 9.85	18.8 / 8.35
	СОР		2.44	2.98
	HSPF		9.5	10.0
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX. BREAKER		15 A	15 A
	MIN. CIRCUIT AMPACI	TY	10.7 A	10 A
		INDOOR	29 1/2 X 9 11/16 X 9 13/16 in.	34 1/4 X 10 1/4 X 10 1/4 in.
	WXHXD	OUTDOOR	31 1/8 X 21 9/16 X 11 1/4 in.	34 5/8 X 25 1/8 X 12 1/4 in.
DIMENSIONS		INDOOR	16.8 lbs.	23.81 lbs.
	WEIGHT	OUTDOOR	65.0 lbs.	99 lbs.
SOUND PRESSURE	INDOOR	L/M/H	26 / 32 / 38 dB(A)	32 / 37 / 42 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	46 / 47 dB(A)	48 / 48 dB(A)
OPERATING		COOLING	(0*) 23 ≤ T ≤ 115°F	(0*) 23 ≤ T ≤ 115°F
TEMPERATURE	OUTDOOR	HEATING	-4≤T≤76°F	-4≤T≤76°F
		HIGH SIDE (FLARE)	1/4 in.	1/4 in.
	INDOOR & OUTDOOR	LOW SIDE (FLARE)	3/8 in.	1/4 in.
PIPE CONNECTIONS	MAX. LINE SET LENGT		65.6 ft.	98 ft.
THE CONNECTIONS	MAX. VERTICAL SEPAI		49 ft.	66 ft.
	CONDENSATE CONNECTION		11/16 in. OD	11/16 in. OD
	ТҮРЕ			I.
REFRIGERANT	FACTORY CHARGE			R410A 45.86 oz.
REFRIGERANI	CHARGED FOR		37.04 oz. 25 ft.	43.60 02. 25 ft.
0011005000				
COMPRESSOR	ТҮРЕ		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
EVAPORATOR FAN	TYPE		BLDC With Crossflow Fan (1)	BLDC With Crossflow Fan (1)
	AIR VOLUME	CFM (L/M/H)	194 / 247 / 300	265 / 336 / 406
CONDENSER FAN	MOTOR		BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (1)
	CFM (MAX.)		1,271	1,550
		SIMPLIFIED	MWR-SH00N	MWR-SH00N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
		PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPTI	ER (24VAC)	TADPT2	TADPT2
	WIRELESS CONTROLL	ER	AR-EH03E	AR-EH03E
	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
	EXTERNAL TEMPERAT		MRW-TA	MRW-TA
ACCESSORIES	EXTERNAL CONTACT	CONTROL	MIM-B14	MIM-B14
		NTERFACE MODULE FOR I PLUS CONTROLS (NON-NASA)	MIM-NO1	MIM-NO1
	WALL BRACKET (FOR	OUTDOOR UNIT)	CKN-250	CKN-250
	WIND DAFFI F /CLIADO	FRONT	WBF-3M	WBF-4M
	WIND BAFFLE/GUARD	BACK	WBB-5M	WBB-6M
	LINE SETS - INSULATE	D AND FLARED, INTERCONNECT	25' - ILS2506	25' - ILS2507
	CABLES INCLUDED		50' - ILS5006	50' - ILS5007





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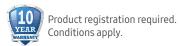


Intertek

<sup>\*</sup>With Wind Baffles

### SPECIFICATIONS - 24,000 | 30,000

	INDOOR UNIT		AC024MNADCH/AA	AC030MNTDCH/AA
MODEL	OUTDOOR UNIT		AC024JXADCH/AA	AC030JXADCH/AA
		COOLING	24,000 Btu/h	30,000 Btu/h
	CAPACITY	HEATING	27,000 Btu/h	32,000 Btu/h
		COOLING	7,000 - 27,000 Btu/h	9,300 - 35,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	5,200 - 31,000 Btu/h	9,000 - 38,000 Btu/h
	SEER / EER		18.3 / 10.2	19.5 / 9.5
	COP		3.08	2.78
	HSPF		10.8	9.2
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
POWER	MAX. BREAKER		20 A	30 A
	MIN. CIRCUIT AMPACIT	гү	12.5 A	20.3 A
		INDOOR	41 15/16 X 11 9/16 X 11 7/8 in.	50 3/8 X 9 15/16 X 13 9/16 in.
	WXHXD	OUTDOOR	37 X 39 11/16 X 12 3/4 in.	37 X 39 11/16 X 12 3/4 in.
DIMENSIONS		INDOOR	32.19 lbs.	40.57 lbs.
	WEIGHT	OUTDOOR	142 lbs.	154 lbs.
SOUND PRESSURE	INDOOR	L/M/H	35 / 39 / 43 dB(A)	45 / 47 / 49 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	50 / 50 dB(A)	50 / 52 dB(A)
OPERATING		COOLING	(0*) 23 ≤ T ≤ 115°F	(0*) 23 ≤ T ≤ 115°F
TEMPERATURE	OUTDOOR	HEATING	-4≤T≤76°F	-4 ≤ T ≤ 76°F
		HIGH SIDE (FLARE)	1/4 in.	3/8 in.
	INDOOR & OUTDOOR	LOW SIDE (FLARE)	5/8 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		164 ft.	164 ft.
		MAX. VERTICAL SEPARATION		98 ft.
	CONDENSATE CONNE	CTION	11/16 in. OD	11/16 in. OD
	ТҮРЕ		R410A	R410A
REFRIGERANT	FACTORY CHARGE		74.08 oz.	91.71 oz.
CH/	CHARGED FOR		25 ft.	25 ft.
COMPRESSOR	ТҮРЕ		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
	TYPE		BLDC With Crossflow Fan (1)	BLDC With Crossflow Fan (1)
EVAPORATOR FAN	AIR VOLUME	CFM (L/M/H)	410 / 477 / 551	671 / 724 / 777
	MOTOR		BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (1)
CONDENSER FAN	CFM (MAX.)		2,190	2,221
		CIMPLIFIED		T .
	WIDED CONTROL I ED	SIMPLIFIED SIMPLIFIED TOUCH CONTROLLER	MWR-SH00N MWR-SH10N	MWR-SH00N MWR-SH10N
	WIRLD CONTROLLER	PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	THERMOSTAT ADAPTE		TADPT2	TADPT2
	WIRELESS CONTROLL		AR-EH03E	AR-EH03E
	WI-FI ADAPTER	=	MIM-H03UN	MIM-H03UN
		EXTERNAL TEMPERATURE SENSOR		MRW-TA
ACCESSORIES	EXTERNAL CONTACT (		MRW-TA MIM-B14	MIM-B14
		CENTRAL CONTROL INTERFACE MODULE FOR CONNECTION TO DVM PLUS CONTROLS (NON-NASA)		MIM-NO1
	WALL BRACKET (FOR (		CKN-250	CKN-250
		FRONT	WBF-2M	WBF-2M
	WIND BAFFLE/GUARD	BACK	WBB-3M	WBB-3M
	LINE SETS - INSULATE	D AND FLARED, INTERCONNECT	25' - ILS2509	25' - ILS2510
	CABLES INCLUDED		50' - ILS5009	50' - ILS5010





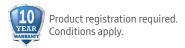
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\*With Wind Baffles

### **SPECIFICATIONS - 36,000**

MODEL	INDOOR UNIT		AC036MNTDCH/AA
MODEL	OUTDOOR UNIT		AC036JXADCH/AA
		COOLING	36,000 Btu/h
	CAPACITY	HEATING	40,000 Btu/h
		COOLING	14,000 - 39,000 Btu/h
PERFORMANCE	CAPACITY RANGE	HEATING	11,500 - 48,000 Btu/h
	SEER / EER	1	18.3 / 9.3
	СОР		2.84
	HSPF	9.5	
	VOLTAGE	ø/V/Hz	1/208-230/60
POWER	MAX. BREAKER		35 A
	MIN. CIRCUIT AMPACIT	гү	23.2 A
		INDOOR	50 3/8 X 9 15/16 X 13 9/16 in.
	WXHXD	OUTDOOR	37 X 48 X 13 in.
DIMENSIONS		INDOOR	40.57 lbs.
	WEIGHT	OUTDOOR	194 lbs.
COLIND DDESCUDE	INDOOR	T	46 / 48 / 51 dB(A)
SOUND PRESSURE LEVEL	OUTDOOR	L/M/H COOLING/HEATING (HIGH)	46 / 48 / 51 dB(A) 49 / 51 dB(A)
	OUTDOOR		I.
OPERATING	OUTDOOR	COOLING	(0*) 23 ≤ T ≤ 115°F
TEMPERATURE		HEATING	-4 ≤ T ≤ 76°F
	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	3/8 in.
	LOW SIDE (FLARE)		5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTI	Н	246 ft.
	MAX. VERTICAL SEPAR	98 ft.	
	CONDENSATE CONNE	11/16 in. OD	
	TYPE	R410A	
REFRIGERANT	FACTORY CHARGE	98.77 oz.	
CHARGED FOR			25 ft.
COMPRESSOR	ТҮРЕ		Inverter Driven, Twin BLDC Rotary
EV4.B0.D4.T0.D.E4.W	TYPE		BLDC With Crossflow Fan (1)
EVAPORATOR FAN	AIR VOLUME	CFM (L/M/H)	699 / 752 / 830
	MOTOR	1	BLDC With Axial Type Fan (2)
CONDENSER FAN	CFM (MAX.)		3,040
		SIMPLIFIED	MWR-SH00N
	WIDED CONTROL I ED	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N
	WIRED CONTROLLER	PREMIUM W/ SCHEDULING	MWR-WE13N
	THERMOSTAT ADAPTE		TADPT2
	WIRELESS CONTROLL		AR-EH03E
	WI-FI ADAPTER		MIM-H03UN
	EXTERNAL TEMPERAT	URE SENSOR	MRW-TA
ACCESSORIES	EXTERNAL CONTACT (		MIM-B14
		ITERFACE MODULE FOR	
		PLUS CONTROLS (NON-NASA)	MIM-NO1
	WALL BRACKET (FOR (	OUTDOOR UNIT)	CKN-250
		FRONT	WBF-1M2
	WIND BAFFLE/GUARD	L	
	WIND BAFFLE/ GOARD		WBB-2M
		D AND FLARED, INTERCONNECT	WBB-2M 25' - ILS2510





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# -40° LOW AMBIENT COOLING

AVAILABLE CAPACITIES (Btu/h) - 18,000 | 24,000 | 30,000 | 36,000







**18K & 24K MODELS** 

30K & 36K MODELS

### **Model Features**

### Low Ambient Cooling Capability

Cooling-only system with low ambient cooling capability down to -40° for machine and computer rooms and other commercial applications. Wind baffles are required for low ambient cooling to -40°.

### **Emergency Temperature Output**

-40° indoor units can activate a backup system or notify a Building Management System (BMS) in the event of high room temperature conditions or if the main system has stopped due to an error (requires MIM-B14 external contact module).

### **Standard Features\*\***

7-Day Programming<sup>1</sup>
Auto Restart
Compatible with DVM S Central Controls
Optional Wi-Fi Control Capabilities

Pre Filter
Quiet Mode
Twin Rotary BLDC Compressor
Various Pipe Installation Options<sup>2</sup>

AHRI Certified ETL Listed

### **Convenience Features**

Away Mode<sup>1</sup>

### Optional Controllers<sup>3</sup>

MWR-SH00N

MWR-SH10N

MWR-WE13N

AR-EH03E

Notice: Federal law allows this unit to be installed only in: AK, AL, AR, CO, CT, DC, DE, FL, GA, HI, ID, IL, IA, IN, KS, KY, LA, MA, ME, MD, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WY, WI, WY and U.S. territories. Federal law prohibits installation of this unit in other states.

<sup>\*</sup>Requires MIM-H03UN Wi-Fi adapter (sold separately)

<sup>\*\*</sup>See standard feature details on pages 1-2

Requires accessory controls (sold separately)

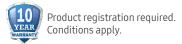
<sup>&</sup>lt;sup>2</sup> Excludes 18K & 24K models

 $<sup>^3</sup>$  The -40° Low Ambient Cooling system does not include any controllers as standard. Controllers must be purchased separately; See controller details on page 40

# -40° LOW AMBIENT COOLING

### SPECIFICATIONS - 18,000 | 24,000

MODEL	INDOOR UNIT		AC018MNADCH/AA	AC024MNADCH/AA
MODEL	OUTDOOR UNIT		AC018MXSCCC/AA	AC024MXSCCC/AA
	CAPACITY	COOLING	18,000 Btu/h	24,000 Btu/h
PERFORMANCE	CAPACITY RANGE	COOLING	4,000 - 20,000 Btu/h	7,000 - 27,000 Btu/h
	SEER / EER		18.8 / 9.05	18.3 / 10.55
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
			176 - 254 VAC	176 - 254 VAC
DOWED	WORKING VOLTAGE R	ANGE	(max. 3% deviation from each)	(max. 3% deviation from each)
POWER	OPERATING CURRENT	COOLING	1.5 / 8.5 / 10.5	1.8 / 10.0 / 15.0
	MAX. BREAKER		15 A	20 A
	MIN. CIRCUIT AMPACI	TY	13 A	16 A
	WXHXD	INDOOR	35 1/4 X 10 1/4 X 10 1/4 in.	41 15/16 X 11 15/16 X 11 9/16 in.
DIMENSIONS	WAHAD	OUTDOOR	34 9/16 X 25 1/8 X 12 3/16 in.	34 9/16 X 31 7/16 X 12 3/16 in.
DIMENSIONS	WEIGHT	INDOOR	23.81 lbs.	32.19 lbs.
	WEIGHT	OUTDOOR	94.36 lbs.	114.64 lbs.
LIEAT EVOLUANCED	TVDE	INDOOR	Aluminum Fin / Copper Tube	Aluminum Fin / Copper Tube
HEAT EXCHANGER	TYPE	OUTDOOR	Aluminum, Flat Fin, Micro Channel	Aluminum, Flat Fin, Micro Channel
SOUND PRESSURE	INDOOR	L/M/H	32 / 37 / 42 dB(A)	35 / 39 / 43 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	48 dB(A)	50 dB(A)
OPERATING	INDOOR	<u>I</u>	61 ≤ T ≤ 90°F	61 ≤ T ≤ 90°F
TEMPERATURE	OUTDOOR		(-40*) 23 ≤ T ≤ 115°F	(-40*) 23 ≤ T ≤ 115°F
		LUCU CIDE (EL ADE)	I T	
	INDOOR & OUTDOOR	HIGH SIDE (FLARE) LOW SIDE (FLARE)	1/4 in. 1/2 in.	1/4 in. 5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGT		98.4 ft.	37 6 III. 164 ft.
THE COMMECTIONS	MAX. VERTICAL SEPARATION		65.6 ft.	98.4 ft.
	CONDENSATE CONNECTION		11/16 in. OD	11/16 in. OD
			I	I.
	TYPE CONTROL METHOD		R410A	R410A
REFRIGERANT	FACTORY CHARGE		Electronic Expansion Valve 45.92 oz.	Electronic Expansion Valve 70.56 oz.
REFRIGERANT	CHARGED FOR		43.92 02. 25 ft.	70.36 02. 25 ft.
	ADDITIONAL REFRIGE	DANT	0.11 oz./ft. over 25 ft.	0.11 oz./ft. over 25 ft.
COMPRESSOR			I	I.
COMPRESSOR	TYPE		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
EVAPORATOR FAN	TYPE		BLDC With Crossflow Fan (1)	BLDC With Crossflow Fan (1)
	AIR VOLUME	CFM (L/M/H)	265 / 336 / 406	410 / 477 / 551
CONDENSER FAN	MOTOR		BLDC	BLDC
	CFM (MAX.)		1,412	1,801
		SIMPLIFIED	MWR-SH00N	MWR-SH00N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
		PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	WIRELESS CONTROLL	ER	AR-EH03E	AR-EH03E
	THERMOSTAT ADAPT	ER (24VAC)	TADPT2	TADPT2
	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
	EXTERNAL TEMPERA	TURE SENSOR	MRW-TA	MRW-TA
ACCESSORIES	EXTERNAL CONTACT		MIM-B14	MIM-B14
		NTERFACE MODULE FOR I PLUS CONTROLS (NON-NASA)	MIM-N01	MIM-N01
	WALL BRACKET (FOR	OUTDOOR UNIT)	CKN-250	CKN-250
	WIND BAFFLE/GUARI	FRONT	WBF-5M	WBF-2M
	WIND DAFFLE/ GUARL	BACK	WBB-6M	WBB-7M
	LINE SETS - INSULATE	D AND FLARED, INTERCONNECT	25' - ILS2507	25' - ILS2509
	CABLES INCLUDED		50' - ILS5007	50' - ILS5009





The AHRI Certified® mark indicates Samsung's participation in the AHRI Certification program. For verification of individual certified products, go to <a href="https://www.ahridirectory.org">www.ahridirectory.org</a>.

Please Note: Federal law allows this unit to be installed only in: AK, AL, AR, CO, CT, DC, DE, FL, GA, HI, ID, IL, IA, IN, KS, KY, LA, MA, ME, MD, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WV, WI, WY and U.S. territories. Federal prohibits installation of this unit in other states.



# LOW AMBIENT COOLING

### **SPECIFICATIONS - 30,000 | 36,000**

MODEL	INDOOR UNIT		AC030MNTDCH/AA	AC036MNTDCH/AA
MODEL	OUTDOOR UNIT		AC030MXSCCC/AA	AC036MXSCCC/AA
	CAPACITY	COOLING	30,000 Btu/h	36,000 Btu/h
PERFORMANCE	CAPACITY RANGE	COOLING	9,000 - 37,000 Btu/h	10,000 - 38,000 Btu/h
	SEER / EER		19.7 / 10.20	18.0 / 8.1
	VOLTAGE	ø/V/Hz	1/208-230/60	1/208-230/60
	WORKING VOLTAGE RA	ANGE	176 - 254 VAC	176 - 254 VAC
POWER		1	(max. 3% deviation from each)	(max. 3% deviation from each)
TOWER	OPERATING CURRENT	COOLING	2.7 / 13.1 / 21.0	3.0 / 19.5 / 21.0
	MAX. BREAKER		30 A	30 A
	MIN. CIRCUIT AMPACIT	TY	24 A	24 A
	WXHXD	INDOOR	50 3/8 X 13 5/8 X 10 in.	50 3/8 X 13 5/8 X 10 in.
DIMENSIONS		OUTDOOR	37 X 39 5/16 X 13 in.	37 X 47 9/16 X 13 in.
	WEIGHT	INDOOR	40.57 lbs.	40.57 lbs.
		OUTDOOR	159.61 lbs.	159.61 lbs.
HEAT EXCHANGER	ТҮРЕ	INDOOR	Aluminum Fin / Copper Tube	Aluminum Fin / Copper Tube
TIEAT EXCHANGER	1112	OUTDOOR	Aluminum, Flat Fin, Micro Channel	Aluminum, Flat Fin, Micro Channel
SOUND PRESSURE	INDOOR	L/M/H	45 / 47 / 49 dB(A)	46 / 48 / 51 dB(A)
LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	52 dB(A)	54 dB(A)
OPERATING	INDOOR		61 ≤ T ≤ 90°F	61 ≤ T ≤ 90°F
TEMPERATURE	OUTDOOR		(-40*) 23 ≤ T ≤ 115°F	(-40*) 23 ≤ T ≤ 115°F
		HIGH SIDE (FLARE)	3/8 in.	3/8 in.
	INDOOR & OUTDOOR	LOW SIDE (FLARE)	5/8 in.	5/8 in.
PIPE CONNECTIONS	MAX. LINE SET LENGTH		164 ft.	164 ft.
	MAX. VERTICAL SEPARATION		98.4 ft.	98.4 ft.
	CONDENSATE CONNE	CTION	11/16 in. OD	11/16 in. OD
	TYPE		R410A	R410A
	CONTROL METHOD		Electronic Expansion Valve	Electronic Expansion Valve
REFRIGERANT	FACTORY CHARGE		84.64 oz.	84.64 oz.
	CHARGED FOR		25 ft.	25 ft.
	ADDITIONAL REFRIGE	RANT	0.24 oz./ft. over 25 ft.	0.24 oz./ft. over 25 ft.
COMPRESSOR	TYPE		Inverter Driven, Twin BLDC Rotary	Inverter Driven, Twin BLDC Rotary
	TYPE		BLDC With Crossflow Fan (1)	BLDC With Crossflow Fan (1)
EVAPORATOR FAN	AIR VOLUME	CFM (L/M/H)	671 / 724 / 777	699 / 752 / 830
	MOTOR		BLDC	BLDC
CONDENSER FAN	CFM (MAX.)		2,754	2,754
		SIMPLIFIED	MWR-SH00N	MWR-SH00N
	WIRED CONTROLLER	SIMPLIFIED TOUCH CONTROLLER	MWR-SH10N	MWR-SH10N
		PREMIUM W/ SCHEDULING	MWR-WE13N	MWR-WE13N
	WIRELESS CONTROLL		AR-EH03E	AR-EH03E
	THERMOSTAT ADAPTE		TADPT2	TADPT2
	WI-FI ADAPTER		MIM-H03UN	MIM-H03UN
	EXTERNAL TEMPERAT	URE SENSOR	MRW-TA	MRW-TA
ACCESSORIES	EXTERNAL CONTACT O	CONTROL	MIM-B14	MIM-B14
		ITERFACE MODULE FOR PLUS CONTROLS (NON-NASA)	MIM-N01	MIM-N01
	WALL BRACKET (FOR (	OUTDOOR UNIT)	CKN-250	CKN-250
	WIND DAFF /0	FRONT	WBF-2M	WBF-2M
	WIND BAFFLE/GUARD	BACK	WBB-3M	WBB-3M
	LINE SETS - INSULATE	D AND FLARED, INTERCONNECT	25' - ILS2510	25' - ILS2510
	CABLES INCLUDED		50' - ILS5010	50' - ILS5010





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Please Note: Federal law allows this unit to be installed only in: AK, AL, AR, CO, CT, DC, DE, FL, GA, HI, ID, IL, IA, IN, KS, KY, LA, MA, ME, MD, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WV, WI, WY and U.S. territories. Federal prohibits installation of this unit in other states.





# NOTES

# **ACCESSORIES**

360 CASSETTE | WIND-FREE™\* 4-WAY CASSETTE | DUCT S | SLIM DUCT MULTI-POSITION AIR HANDLER | HIGH WALL | -40° LOW AMBIENT COOLING

### **Line Sets**

Insulated and flared, interconnect power and communication cables included

Part Number	Size	Included Wire	Length	Systems Used On
ILS2506	1/4" X 3/8"	14-3 Plus 16-2	25'	Slim Duct 9K & 12K, & High Wall 12K
ILS5006	1/4" X 3/8"	14-3 Plus 16-2	50'	Slim Duct 9K & 12K, & High Wall 12K
ILS2507	1/4" X 1/2"	14-3 Plus 16-2	25'	MPAH, Slim Duct, 360 Cassette, Wind-Free™ 4-Way Cassette, High Wall, -40°, & Duct S 18K
ILS5007	1/4" X 1/2"	14-3 Plus 16-2	50'	MPAH, Slim Duct, 360 Cassette, Wind-Free™ 4-Way Cassette, High Wall, -40°, & Duct S 18K
ILS2509	1/4" X 5/8"	14-3 Plus 16-2	25'	MPAH, Slim Duct, 360 Cassette, Wind-Free™ 4-Way Cassette, High Wall, -40°, & Duct S 24K
ILS5009	1/4" X 5/8"	14-3 Plus 16-2	50'	MPAH, Slim Duct, 360 Cassette, Wind-Free™ 4-Way Cassette, High Wall, -40°, & Duct S 24K
ILS2510	3/8" X 5/8"	14-3 Plus 16-2	25'	MPAH, 360 Cassette, High Wall, Duct S, -40° 30K & 36K & Wind-Free™ 4-Way Cassette 30K, 36K, 42K & 48K
ILS5010	3/8" X 5/8"	14-3 Plus 16-2	50'	MPAH, 360 Cassette, High Wall, Duct S, -40° 30K & 36K & Wind-Free™ 4-Way Cassette 30K, 36K, 42K & 48K

### **Interconnect Wire**

Part Number	Description	Length	Systems Used On
133-100		100'	
133-250	2 wire 16 AWG shielded	250'	All Duct, MPAH, High Wall, 360 Cassette, & Wind-Free™* 4-Way Cassette outdoor units
133-500		500'	

### **Condenser Wall Bracket**

Part Number	Description	Systems Used On
CKN-250	Outdoor unit mounting bracket	All Duct, MPAH, High Wall, 360 Cassette, & Wind-Free™* 4-Way Cassette outdoor units

### **Wind Baffles**

Part Number	Description
WBF-2M	Front wind baffle for 360 Cassette, Wind-Free™ 4-Way Cassette, Duct S, and MPAH 24K & 30K; High Wall 24K; -40° 24K, 30K & 36K Models
WBF-3M	Front wind baffle for Slim Duct 9K & 12K; High Wall 12K Models
WBF-4M	Front wind baffle for 360 Cassette, Wind-Free™ 4-Way Cassette, Slim Duct, Duct S, MPAH, and High Wall 18K Models
WBF-5M	Front wind baffle for -40° 18K Model
WBF-6M	Front wind baffle for Wind-Free™ 4-Way Cassette Max Heat™, Duct S Max Heat™, and MPAH Max Heat™ 30K & 36K; MPAH 54K Models
WBF-1M2	Front wind baffle for 360 Cassette, Wind-Free™ 4-Way Cassette, Duct S, and MPAH 36K, 42K, & 48K; High Wall 30K & 36K Models
WBB-2M	Rear wind baffle for 360 Cassette, Wind-Free™* 4-Way Cassette, Duct S, and MPAH 36K, 42K, & 48K; High Wall 36K Models
WBB-3M	Rear wind baffle for 360 Cassette, Wind-Free*** 4-Way Cassette, Duct S, MPAH, and High Wall 24K & 30K; -40° 30K & 36K Models
WBB-4M	Rear wind baffle for Wind-Free™* 4-Way Cassette Max Heat™, Duct S Max Heat™, and MPAH Max Heat™ 30K & 36K; MPAH 54K Models
WBB-5M	Rear wind baffle for Slim Duct 9K & 12K; High Wall 12K Models
WBB-6M	Rear wind baffle for 360 Cassette, Wind-Free™ 4-Way Cassette Max Heat™, Slim Duct, Duct S, MPAH, High Wall, and -40° 18K Models
WBB-7M	Rear wind baffle for -40° 24K Model

<sup>\*</sup>The Wind-Free<sup>™</sup> unit delivers an air current that is under 0.15 m/s while in Wind-Free<sup>™</sup> mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

Due to Samsung HVAC's policy of ongoing product development, some part numbers may change without prior notice. Latest up-to-date submittals available at dymdownload.com

# ACCESSORIES (CONT.)

360 CASSETTE | WIND-FREE™\* 4-WAY CASSETTE | DUCT S | SLIM DUCT MULTI-POSITION AIR HANDLER | HIGH WALL | -40° LOW AMBIENT COOLING

### **Controls & Accessories**

Part Number	Description	Systems Used On
MWR-SH10N	Simplified Touch Wired Controller	
MWR-SH00N	Simplified Wired Controller	Compatible with all MPAH, Duct, High Wall, -40°, 360 Cassette,  & Wind-Free™ 4-Way Cassette Models
MWR-WE13N	Premium w/Scheduling Wired Controller	Willia fiec 4 May cassette models
AR-EH03E	Wireless Remote Controller	Compatible with all MPAH, Duct, High Wall & Wind-Free™* 4-Way Cassette Models
MRK-A10N	Wireless Signal Receiver	Compatible with all MPAH & Duct Models
MRW-TA	External Temperature Sensor	
MIM-B14	External Contact Control	Compatible with all MDALL Door Library Well 400 270 Consetts
MIM-N01	Central Control Interface Module for Connection to DVM Plus Controls (non-NASA)	Compatible with all MPAH, Duct, High Wall, -40°, 360 Cassette, & Wind-Free™ 4-Way Cassette Models
MIM-H03UN	Multi Wi-Fi Control	
AR-KH00U	Wireless remote control for 360 Cassette	Compatible with 360 Cassette
TADPT2	24VAC Thermostat Adapter	Compatible with all MPAH, Duct, High Wall, -40°, 360 Cassette, & Wind-Free™* 4-Way Cassette Models

### **Filter Box**

Part Number	Description	Systems Used On
FB-DS1	Filter Box	Duct S 18K
FB-DS2	Filter Box	Duct S 24K & 30K
FB-DS3	Filter Box	Duct S 36K, 42K, & 48K
FB-SLIM1	Filter Box	Slim Duct 9K & 12K
FB-SLIM2	Filter Box	Slim Duct 18K
VFB-1	Filter Base with MERV8 Filter	MPAH 18K & 24K
VFB-2	Filter Base with MERV8 Filter	MPAH 30K & 36K
VFB-3	Filter Base with MERV8 Filter	MPAH 42K, 48K, & 54K

<sup>\*</sup>The Wind-Free™ unit delivers an air current that is under 0.15 m/s while in Wind-Free™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

# ACCESSORIES (CONT.)

360 CASSETTE | WIND-FREE™\* 4-WAY CASSETTE | DUCT S | SLIM DUCT MULTI-POSITION AIR HANDLER | HIGH WALL | -40° LOW AMBIENT COOLING

### Wind-Free™\* 4-Way Cassette Fascia Panels

Part No.	PC4NUFMAN
LXWXH	37 3/8 X 37 3/8 X 2 1/2 in.
Weight	13.88 lbs.

### 360 Cassette Fascia Panels

### Ceiling Type (Square)

White	PC4NUDMAN			
Black	PC4NBDMAN			
LXWXH	39 % X 39 % X 2 % in.			
Weight	7.94 lbs.			

### Open Type (Circle)

White	PC4NUNMAN			
Black	PC4NBNMAN			
Diameter X H	41 5/16 X 3 11/16 in.			
Weight	5.95 lbs.			

### **MPAH Electric Heat Kit Compatibility**

KIT NUMBER	VHK-103A	VHK-105A	VHK-205A	VHK-210A	VHK-305A	VHK-310A	VHK-315A
kW	3 kW	5 kW	5 kW	10 kW	5 kW	10 kW	15 kW
AC018KNZDCH/AA	•	•					
AC024KNZDCH/AA	•	•					
AC030KNZDCH/AA			•	•			
AC036KNZDCH/AA			•	•			
AC042KNZDCH/AA					•	•	
AC048KNZDCH/AA					•	•	
AC054KNZDCH/AA					•	•	•

<sup>\*</sup>The Wind-Free™ unit delivers an air current that is under 0.15 m/s while in Wind-Free™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

### CONTROL OPTIONS

360 CASSETTE | WIND-FREE™\* 4-WAY CASSETTE | DUCT S | SLIM DUCT MULTI-POSITION AIR HANDLER | HIGH WALL | -40° LOW AMBIENT COOLING





AR-FH03F

### Wireless Remote Controller

### **Optional - Wireless Remote Controller Features**

- ON/OFF operation, fan speed, airflow, and temperature setting
- Filter replacement alarm reset
- Single event, ON/OFF timer function
- · Chime Mute
- Easy-to-see display
- · Soft touch buttons





MWR-SHOON

MWR-SH10N

### **Simplified Wired Controller**

### Optional - MWR SH00N Features\*\*

- Error display
- · Filter replacement alarm display and
- · Indoor unit ON/OFF, operation mode, set temperature, and fan speed setting
- · Different button permission levels
- Control up to 16 different indoor units
- · Upper/lower temperature setting
- Service Mode
- · Louver position setting (Cassette and wall units)
- · Restrict wireless controller signal (optional)

### **Simplified Touch Wired Controller**

### Optional - MWR-SH10N Features\*\*

- · Restrict wireless controller signal (optional)
- · Louver position setting (Cassette and wall units)
- · Single event timer function
- System function and operation indication (defrost, error, restricted controller, SPi status)
- · Service mode for operation monitoring, addressing, and setup
- · Different button permission levels
- Built-in infrared receiver for wireless control
- Backlight
- · Internal temperature sensor



**Premium Wired Controller** 

### Optional - MWR-WEI3N Features\*\*

- · Discharge air temperature setting (for supported models)
- · Error display
- Filter replacement alarm display and reset
- · Indoor unit ON/OFF, operation mode, set temperature, directional airflow, and fan speed setting
- · Control up to 16 different indoor units
- Upper/lower temperature setting
- · Energy saving operation mode
- · Weekly operating schedule
- · Different button permission levels
- · Backlight

- · Daylight Savings clock advance option
- Real-time clock function; current time/day display function
- · Built-in room sensor
- · Service mode support (indoor unit cycle data monitoring, option code monitoring and settings, and dip switch state monitoring)
- Independent louver control for Wind-Free™\* 4-Way Cassette models
- · Adjustable heating temperature compensation values
- Time synchronization with DMS 2.5 central control gateways
- Wind-Free™\* function

<sup>\*</sup>The Wind-Free $^{\text{m}}$  unit delivers an air current that is under 0.15 m/s while in Wind-Free $^{\text{m}}$  mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

<sup>&</sup>lt;sup>†</sup>Compatible with 360 Cassette models only \*\*Some features may not be available depending on the model of connected indoor unit(s)

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