

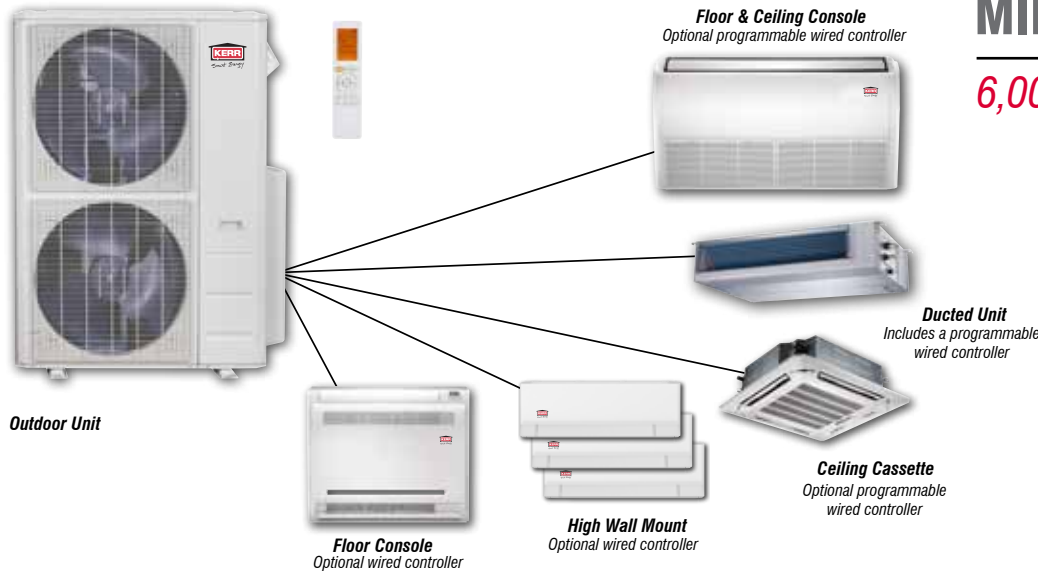


Smart Energy

KMH UltraV Series

SINGLE/MULTI ZONE MINI-SPLITS

6,000 to 48,000 BTUH



Our new UltraV Series will heat or cool when outdoor temperatures reach -30°C . Multi-zone units run at 100% capacity at -15°C . Single zones maintain 100% capacity at -17.78°C !

This makes these units well suited to installations requiring year 'round conditioning, both residential and light commercial. Operating range:

Cooling -30° to 50°C
Heating -30° to 30°C (48K: -25° to 30°C)

Advanced inverter technology means the room will reach the preset temperature quickly and that the temperature will be constant without the fluctuations that occur in other systems due to on-off cycling. Energy usage is kept to a minimum as units run at low frequency most of the time. However, when required the unit ramps up automatically to reach and maintain the comfort level.

Warranty

Single zone warranty 10 years on compressor, 10 years on parts
Multi zone units 10 year on compressor, 10 year parts for residential
5 year on compressor, 5 year parts for commercial

www.kerrsmartenergy.com

FEATURES

Multiple Modes

- Cooling, dehumidification only, and heating
- Sleep mode
- Turbo mode
- 24-hour timer
- Auto mode

Auto Swing

- Continually adjusts air flow direction for a gentle, breeze-like effect

Remote Control

- Makes it easy to program and operate the unit

Enhanced Filtration

- Gold fin filter delivers improved indoor air quality

Defrost Control

- Longer defrost cycle effectively removes any frost accumulation on the coil as needed

"Follow" Feature

- Remote senses temperature where occupant is, automatically adjusts to maintain setpoint

Rotary Compressor

- Designed for wide operating range and minimal vibration

Easy Repair & Maintenance

- Indoor high wall heads disassemble in 1 minute

SINGLE ZONE OUTDOOR UNITS					
FEATURES	A-KMH06SV-1	A-KMH09SV-1	A-KMH12SV-1	A-KMH18SV-1	A-KMH24SV-1
Power Supply	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz
Cooling Capacity (BTUH)	6,000	9,000	12,000	18,000	24,000
SEER	26.5	28.1	25.5	21.5	21.5
EER	15.8	16.2	14	12.5	13
HSPF	14	13	13	13	12
Cooling Amps	3.3	2.5	3.72	6.3	8.1
Hi Heating Cap. (BTUH) @ 17°F	9,000	12,000	12,000	20,270	19,800
Lo Heating Cap. (BTUH) @ -13°F	4,000	6,000	7,500	13,800	N/A
Heating Amps	3.92	4.1	4.1	7.3	10.9
OUTDOOR UNIT DIMENSIONS					
Width (inches)	30.12	31.69	31.69	35.04	37.24
Height (inches)	21.85	21.81	21.81	26.5	31.89
Depth (inches)	11.93	12.99	12.99	13.46	16.14
Net Wt/Shipping Wt (lbs.)	63.71	74.07	73.63	100.97	134.48
ELECTRICAL DATA OUTDOOR UNIT †					
Main Power Connection	Outdoor Unit 208/230-1-60				
Min. Circuit Ampacity	13	15	15	16	25
Max. Fuse/HACR Circuit Breaker	15	15	15	25	35
Indoor/Outdoor Connecting Cable Type	14AWG / 4 conductor 600V THHN unshielded stranded bare copper				
LINE SETS O.D. (inch)					
LINE SETS O.D. (inch)	1/4 x 3/8	1/4 x 3/8	1/4 x 1/2	1/4 x 1/2	3/8 x 5/8
Max. Line Set Length ¹	82	82	82	98	164
Max. Elevation (outdoor) ²	32	32	32	65	82



A-KMH06SV-1 to
A-KMH18SV-1



A-KMH24SV-1

† Always follow local, state and national electrical codes
¹ Min. 10 ft. line set recommended
² Oil traps should be installed every 16.5 to 23 feet (5-7m)
 when the outdoor unit is installed above the indoor unit



Highwall



HIGH WALL MOUNT INDOOR UNITS					
FEATURES	B-KMH06SV-1	B-KMH09SV-1	B-KMH12SV-1	B-KMH18SV-1	B-KMH24SV-1
Cooling Capacity BTUH	6,000	9,000	12,000	18,000	24,000
Heating Capacity BTUH	6,000	9,000	12,000	18,000	24,000
Air Flow Range (CFM)	168/318	177/336	177/336	306/524	319/612
Fan Speeds	3	3	3	3	3
Sound Level Range (dBA)	45/36/27	46/36/27	48/39/29	50/45/39	46/39/25
Temperature Setting	16.6° to 32.2° C Cooling; 16.6° to 30° C Heating (on remote)				
AIR DIRECTION					
Horiz./Vert. Modulating	Yes	Yes	Yes	Yes	Yes
DIMENSIONS					
Width (inches)	31.30	31.30	31.30	37.99	44.88
Height (inches)	11.61	11.61	11.61	12.56	14.57
Depth (inches)	8.86	8.86	8.86	9.41	10.83
Net Wt/Shipping Wt (lbs)	22.71/28.88	22.71/28.88	22.93/28.88	27.12/35.71	43.65/54.89
Liquid-Suction (flare)	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"

MULTI-ZONE OUTDOOR UNITS				
FEATURES	A-KMH18DV-1	A-KMH28TV-1	A-KMH36QV-1	A-KMH48PV-1
Cooling Capacity	19,000	28,000	36,000	48,000
SEER	22	22.5	21.8	21.5
EER	12.5	12.5	13.6	11.6
HSPF 4	10.2	11.3	11	11
Heating at 5 F°-15°C° Maximum capacity	19,000	24,000	36,000	48,000
Air flow (CFM)	2130	2130	4500	4500
Sound Level (dBA) H-M-L	61	63	63	65
OUTDOOR UNIT DIMENSIONS				
Width (inches)	37.24	37.24	37.48	37.48
Height (inches)	31.89	31.89	52.48	52.48
Depth (inches)	16.14	16.14	16.34	16.34
Net Wt/Shipping Wt (lbs.)	138.23/149.03	167.99/179.67	223.11/253.97	238.32/269.84
ELECTRICAL DATA OUTDOOR UNIT*				
Main Power Connection	Outdoor Unit 208/230-1-60			
Min. Circuit Ampacity	20	25	40	42
Max Fuse/HACR. Circuit Breaker	25	40	60	50
Indoor/Outdoor Connecting Cable Type	14 awg/ 4 conductor 600V THHN unshielded stranded bare copper			
LINE SETS O.D. (inch)				
Liquid Connection (flare) (in.)	2 x 1/4"	3 x 1/4"	5 x 1/4"	5 x 1/4"
Suction Connection (flare) (in.)	2 x 3/8"	3 x 3/8"	3 x 3/8" 2 x 1/2"	3 x 3/8" 2 x 1/2"
Max. length for all rooms	131	197	262	262
Max. length for one indoor unit	82	98	115	115
Max. height difference between indoor units	33	33	33	33



A-KMH18DV-1 & A-KMH28TV-1



A-KMH36QV-1 & A-KMH48PV-1

† Actual performance will vary based on the application, including the size(s) and mix of indoor units installed.