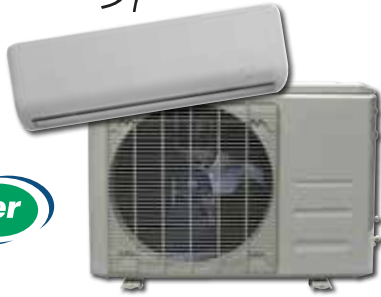




Smart Energy



Now—heating & cooling at extremely low ambient temperatures!

Our new UltraV Series features a wide operating range with higher capacities in low temperatures. This allows the unit to operate in the cooling mode with 100% output even when the outdoor temperature is -18°C. In the heating mode, the unit shows little to no loss of heating capacity, even in extreme winter conditions.

With this broad ambient range, the units are well suited to installations requiring year 'round conditioning, both residential and light commercial. Operating range:

Cooling	-30°C to 50°C
Heating	-30°C to 30°C

Features

- **Multiple Modes**—Cooling, dehumidification only, and heating
 - Sleep mode
 - 24-hour timer
 - Turbo mode
 - 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
- **Twin Rotary Compressor**—Designed for wide operating range and minimal vibration

‡ 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

‘KMH’ UltraV Series Single Zone Ductless Mini-Splits

FEATURES				
	KMH09SU-1*	KMH12SU-1*	KMH18SU-1*	KMH24SU-1*
Power Supply	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Cooling Capacity (BTUH)	9,000	12,000	17,000	24,000
SEER	25.00	22.50	20.50	20.00
EER	14.50	12.50	12.50	12.50
HSPF	11.20	12.00	10.30	10.30
Cooling Amps	2.7	4.2	5.95	8.4
Dehumidification (Pts/Hr.)	2.32	2.75	3.59	5.49
Hi Heating Cap. (BTUH) @ 8°C	10,900	11,800	18,000	24,000
Lo Heating Cap. (BTUH) @ -18°C	11,021	12,201	18,008	24,085
Heating Amps	3.63	4.24	7.4	10.9

INDOOR UNIT				
Air flow (CFM)	418/324/247	418/324/247	599/411/353	794/647/500
Fan Speeds (Hi/Med/Lo)	3	3	3	3
Sound Level (dBA) H-M-L	45/36/27	46/36/27	48/39/29	50/45/39

AIR DIRECTION				
Vertical Adjustment	Remote	Remote	Remote	Remote
Horizontal (left/right)	Manual	Manual	Manual	Manual
Auto Swing	Remote	Remote	Remote	Remote

INDICATOR LAMPS				
ON/OFF	Yes	Yes	Yes	Yes
24 Hr. Timer	Yes	Yes	Yes	Yes
Defrost	Yes	Yes	Yes	Yes
Temperature Setting Range	17°C to 32°C Cooling; 16°C to 30°C Heating (on remote)			

INDOOR UNIT DIMENSIONS				
Width (inches)	32 ⁷ / ₈	32 ⁷ / ₈	39	46 ¹¹ / ₁₆
Height (inches)	11	11	12 ⁷ / ₁₆	13 ⁷ / ₁₆
Depth (inches)	7 ¹³ / ₁₆	7 ¹³ / ₁₆	8 ⁹ / ₁₆	10 ³ / ₁₆
Net Wt/Shipping Wt (lbs.)	19.8/25.4	19.8/26.7	26.9/34.8	40.1/50.3

OUTDOOR UNIT DIMENSIONS				
Width (inches)	31 ¹ / ₂	31 ¹ / ₂	33 ¹ / ₄	37 ¹ / ₄
Height (inches)	21 ¹³ / ₁₆	21 ¹³ / ₁₆	27 ⁵ / ₈	31 ⁷ / ₈
Depth (inches)	13 ¹ / ₈	13 ¹ / ₈	14 ⁵ / ₁₆	16 ⁹ / ₁₆
Net Wt/Shipping Wt (lbs.)	88.2/93.7	88.2/93.7	107.4/115.1	135.6/148.8

ELECTRICAL DATA OUTDOOR UNIT ‡				
Main Power Connection	Outdoor Unit 208/230-1-60			
Min. Circuit Ampacity	9A	9A	18A	20A
Max. Fuse/HACR Circuit Breaker	15A	15A	25A	30A
Indoor/Outdoor Connecting Cable Type	16AWG / 4 conductor 600V THHN unshielded stranded bare copper			

LINE SETS O.D. (inch)				
Liquid Connection (flare) (in.)	1/4	1/4	1/4	3/8
Suction Connection (flare) (in.)	3/8	1/2	1/2	5/8
Max. Line Set Length ¹	82 feet	82 feet	98 feet	164 feet
Max. Elevation (outdoor) ²	33 feet	33 feet	66 feet	82 feet

Design and specifications subject to change without notice.



Smart Energy





'KMH' UltraV Series Single Zone Ductless Mini-Splits

Warranty

Effective January, 2017

Sealed unit failure within **12 months**– replace with new unit

10 year compressor, 7 year parts for residential

5 year compressor, 5 year parts for commercial

Requires installation of a MARS Surge Protection device, and must be reflected on a Kerr invoice to the contractor

Original owner, non-transferrable

Requires warranty registration on the MARS website

Requires return of unit to Kerr and subject to inspection by MARS

Final determination of unit replacement upon review by MARS technical support



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Phone: (902) 895-9281 • Fax: (902) 893-4942 • www.kerrsmartenergy.com



Effective 1/2017
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