



KSP-SERIES

AN ARTFUL COMBINATION OF ECONOMY AND PERFORMANCE:

The KSP-Series showcases energy efficiency in a streamlined, modern, whisper-quiet design.

FEATURES

Super Efficient

- Rated as high as 19 SEER2 and 10.9 EER2

Whisper Quiet

- High tech fan in the indoor unit delivers balanced airflow

Temperature Compensation

- Indoor unit adjusts automatically as needed to eliminate stratification between ceiling and floor temps

Auto Swing

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

Multiple Modes

- Cooling, dehumidification only, air circulation and heat plus:
- Sleep mode • 24-hour timer • Turbo mode

Auto Operation

- Automatically adjusts to maintain a constant temperature/humidity level

Smartphone Compatible

- Optional 7800-208 Smartphone Control Kit available separately

Superior Filtration

- Nano silver air filter releases silver ions that eliminate bacteria in the air while gold fin evaporator coating prevents the breeding and spreading of bacteria

Auto Restart

- Reverts to the last setting following a power failure

Auto Defrost

- Standard on all models, along with crankcase heater and pan heater for true cold-weather performance

Ambient Operating Temperature

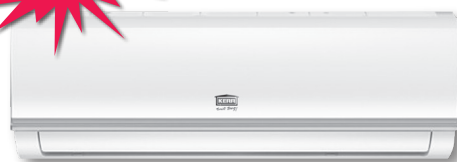
- Cooling -15° to 50°C (5° to 122°F), Heating -15° to 22°C (5° to 72°F)

SINGLE ZONE HEAT PUMP

115 & 208-230V 9,000 to 24,000 BTUH



Indoor Unit



Outdoor Unit



Energy Verified
Rendement
Énergétique Vêrifi



Warranty 10 year on compressor, 10 year on parts
(Some limitations apply; see printed warranty for details.)

www.kerrsmartenergy.com

KSP Series



FEATURES	Heat Pump Models					
	KSP09SA-0	KSP09SA-1	KSP12SA-0	KSP12SA-1	KSP18SA-1	KSP24SA-1
Power Supply	115V	208/230V	115V	208/230V	208/230V	208/230V
Cooling Capacity (BTUH)	9,000	9,000	12,000	12,000	17,000	24,000
SEER2/ EER2	18.0/10.1	18.0/8.8	19.0/8.8	18.0/8.8	18.3/9.9	17/9
HSPF2	9	8.8	9.2	8.8	8.7	5
Cooling Amps	9.4	3.7	14.1	5.9	7.6	11.4
Dehumidification (Pts/Hr.)	2.11	2.11	2.54	2.54	3.8	5.49
Heating Capacity (BTUH)	9,800	10,000	12,000	12,000	18,000	24,000
Heating Amps	11.6	3.9	13.1	5.3	8.2	11
INDOOR UNIT						
Air flow (CFM)	265/212/159	318/241/176	318/241/176	318/241/176	448/359/265	518/448/342
Fan Speeds (Cool/Heat/Fan)	3/3/3	3/3/3	3/3/3	3/3/3	3/3/3	3/3/3
Sound Level (dBa) H-M-L	34.5/27/19	34.5/27/19	35/27/19	34.5/26.5/19	37.5/30/19	41/31/27
AIR DIRECTION						
Vertical Adjustment	Remote	Remote	Remote	Remote	Remote	Remote
Horizontal (left/right)	Manual	Manual	Manual	Manual	Manual	Manual
Auto Swing Up and Down	Standard	Standard	Standard	Standard	Standard	Standard
INDICATOR LAMPS						
Defrost	Standard	Standard	Standard	Standard	Standard	Standard
Temperature Setting	Remote Temperature Set Range: 16°C to 32°C (60°F to 90°F)					
INDOOR UNIT DIMENSIONS						
Width (inches)	28 - 1/8	28 - 1/8	31 - 5/8	31 - 5/8	37 - 5/8	40 - 7/8
Height (inches)	11 - 1/4	11 - 1/4	11 - 1/4	11 - 1/4	11 - 7/8	12 - 3/4
Depth (inches)	7 - 5/8	7 - 5/8	7 - 5/8	7 - 5/8	8 - 3/8	8 - 5/8
Net Wt/Shipping Wt (lbs.)	15.87/21.38	17.42/23.15	17.64/22.71	17.42/23.15	23.37/29.76	29.10/37.92
OUTDOOR UNIT DIMENSIONS						
Width (inches)	28 - 3/8	28 - 3/8	28 - 3/8	28 - 3/8	30 - 1/8	35
Height (inches)	19 - 1/2	19 - 1/2	19 - 1/2	19 - 1/2	21 - 7/8	26 - 1/2
Depth (inches)	10 - 5/8	10 - 5/8	10 - 5/8	10 - 5/8	11 - 7/8	13 - 1/2
Net Wt/Shipping Wt (lbs.)	53.35/58.20	51.59/56	53.79/58.42	51.59/56	62.17/67.46	96.34/104.06
ELECTRICAL DATA OUTDOOR UNIT*						
Main Power Connection	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
Min. Circuit Ampacity	17	10	19.5	10	15	19
Max. Fuse/HACR	20	15	20	15	20	20
Circuit Breaker	20	20	20	15	20	20
Recommended Indoor/Outdoor Connecting Cable*	14 AWG / 4 conductor THHN shielded Stranded / Rated 600V					
LINE SETS O.D. (inch)						
Liquid Connection (flare) (inch)	1/4	1/4	1/4	1/4	1/4	3/8
Suction Connection (flare) (inch)	3/8	3/8	3/8	3/8	1/2	5/8
Maximum Line Set Length ₁	82	82	82	82	98	164
Maximum Elevation (outdoor) ₂	49	49	49	49	65	82

*Always follow local, state and national electrical codes. ¹ Min. 3m (10 ft) line set recommended.

² Oil traps should be installed every 5-7m (16.5 to 23ft) when the outdoor unit is installed above the indoor unit.

Design, specifications, and performance data subject to change without notice.

"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."

Canada
ENERGUIDE
Seasonal Energy Efficiency Ratio (SEER) Air source heat pump
THIS MODEL A-KSP09SA-0
18.00
14.0 — Uses least energy → 42.0

Canada
ENERGUIDE
Seasonal Energy Efficiency Ratio (SEER) Air source heat pump
THIS MODEL A-KSP09SA-1
19.00
14.0 — Uses least energy → 42.0

Canada
ENERGUIDE
Seasonal Energy Efficiency Ratio (SEER) Air source heat pump
THIS MODEL A-KSP12SA-0
19.00
14.0 — Uses least energy → 42.0

Canada
ENERGUIDE
Seasonal Energy Efficiency Ratio (SEER) Air source heat pump
THIS MODEL A-KSP12SA-1
18.00
14.0 — Uses least energy → 42.0

Canada
ENERGUIDE
Seasonal Energy Efficiency Ratio (SEER) Air source heat pump
THIS MODEL A-KSP18SA-1
18.30
14.0 — Uses least energy → 42.0

Canada
ENERGUIDE
Seasonal Energy Efficiency Ratio (SEER) Air source heat pump
THIS MODEL A-KSP24SA-1
17.00
14.0 — Uses least energy → 42.0

KERR CONTROLS LIMITED

Toll Free Phone Number by Branch

Halifax.....	1-800-565-7573
Dartmouth.....	1-800-373-5377
Truro	1-800-565-5377
Sydney.....	1-800-223-5377
Moncton.....	1-800-561-7905
Fredericton	1-800-442-4938
Charlottetown	1-800-293-5377
St. John's.....	1-800-563-1675
Corner Brook	1-800-563-6113
London.....	1-888-353-7984
Owen Sound.....	1-877-602-4447
Sudbury	1-888-218-0033

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