



HYPERTEK MINI-SPLITS

Single-Zone Ductless Systems



KEEP YOUR HOME
COMFORTABLE
IN ALL 4 SEASONS!



CONVENIENT
WIRELESS
REMOTE



HELPS YOU
SAVE ON YOUR
POWER BILL



ENJOY THE
COMFORT WITHOUT
THE NOISE



THINK COMFORT. THINK KARDA.™

ALL KARDA™ HEAT PUMPS COME WITH A
30 MONTH WARRANTY AS WELL AS A 7 YEAR
COMPRESSOR WARRANTY!



WWW.KARDAHEATPUMPS.CA

PRODUCT INFO

	9,000 BTU	12,000 BTU	18,000 BTU	24,000 BTU
Full System w/ High Wall	1KARDA09SZO25	1KARDA12SZO22.5	2KARDA18SZO20	1KARDA24SZO20.5
Power Supply (V)	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph
Cooling Capacity (BTU/H)	9,000 (3,500-13,000)	12,000 (4,000-13,800)	16,000 (4,500-17,800)	24,000 (5,500-24,500)
Rated Current Cooling (A)	2.7	4.20	5.35	8.4
Heating Capacity (BTU/H)	10,900 (4,500-14,500)	11,800 (5,000-15,500)	17,000 (5,500-23,000)	24,000 (6,000-32,000)
Heating Capacity -15°C (BTU/H)	11,500	12,000	18,000	24,000
Heating Capacity -20°C (BTU/H)	9,500	9,800	17,000	21,000
Heating Capacity -25°C (BTU/H)	8,800	9,000	16,000	16,500
Rated Current Heating (A)	3.6	4.24	6.02	10.9
SEER/EER (BTU/W)	25/14.5	22.5/13	22.5/13	20.5/13
HSPF4/HSPF5 (BTU/W)	11.2/9	12/10.4	11/9.5	11.5/9.6
Dehumidification (PTS/HR)	2.32	2.75	3.59	5.49

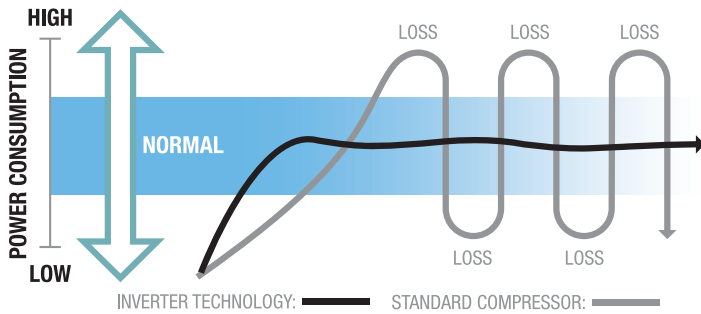
High Wall Unit

	1KARDA09UVW	1KARDA12UVW	2KARDA18UVW	1KARDA24UVW
Air Flow (CFM) (Hi/Mi/Lo)	418/324/247	418/324/247	512/394/276	794/647/500
Fan Speeds (Cool/Heat/Fan)	3/3/3	3/3/3	3/3/3	3/3/3
Sound Level dB(A) (Hi/Mi/Lo)	42/33/24.5	43/36/24	45/39.5/29.5	47.5 /44/36.5
UNIT DIMENSIONS				
Unit Dimensions (WxHxD) (in.)	32 ^{7/8} x 11 x 7 ^{13/16}	32 ^{7/8} x 11 x 7 ^{13/16}	39 x 12 ^{3/8} x 8 ^{9/16}	46 ^{11/16} x 13 ^{3/8} x 10 ^{3/16}
Net Wt./Shipping Wt. (lbs.)	19.84/25.35	19.84/26.68	27/36	40.12/50.26

Outdoor Unit

	1KARDA09SZO25	1KARDA12SZO22.5	2KARDA18SZO20	1KARDA24SZO20.5
ELECTRICAL DATA				
Main Power Connection	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph
Minimum Circuit Ampacity (A)	9	9	18	20
Max. Fuse (A)	15	15	25	30
Min. In/Outdoor Connect Cable	16AWG x 4 (Stranded, Unshielded)	16AWG x 4 (Stranded, Unshielded)	16AWG x 4 (Stranded, Unshielded)	16AWG x 4 (Stranded, Unshielded)
LINE SETS O.D.				
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 (ft.)	82	82	98	164
Max. Elevation (Indoor/Outdoor) (ft.)	33	33	66	82
REFRIGERANT CHARGE (R-410A)				
Factory Pre-Charge (ft.)	25	25	25	25
Additional Refrigerant (oz./ft.)	0.161	0.161	0.161	0.322
UNIT DIMENSIONS				
Unit Dimensions (WxHxD) (in.)	31 ^{1/2} x 21 ^{13/16} x 13 ^{3/8}	31 ^{1/2} x 21 ^{13/16} x 13 ^{3/8}	33 x 28 x 14	37 ^{1/4} x 31 ^{7/8} x 16 ^{1/8}
Net Wt./Shipping Wt. (lbs.)	88.2/93.7	88.2/93.7	108/115	135.58/148.81

INVERTER TECHNOLOGY VS. STANDARD COMPRESSOR



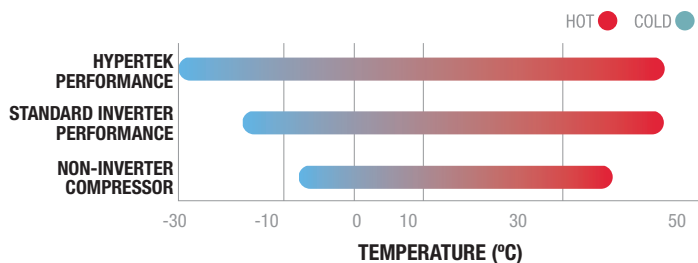
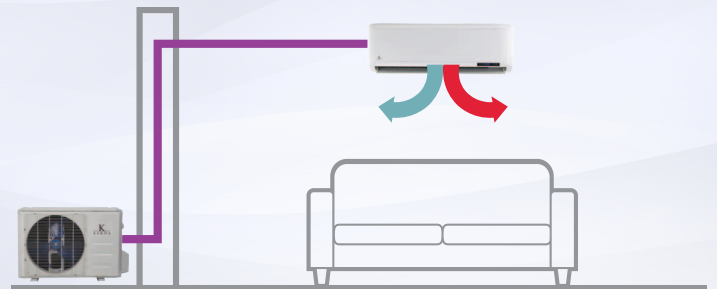
INVERTER TECHNOLOGY

To control room temperatures and maintain desired settings, the inverter compressor only uses energy required rather than full power like a standard compressor. Once it turns on and reaches desired setting, the inverter compressor will remain at that setting until more supply is needed. This prevents the unit from turning on and off frequently and uses different rotation speed to save energy and operate more quietly than standard compressors.

SINGLE-ZONE

FLEXIBILITY OF MULTI-DESIGN SYSTEMS

Single-zone ductless mini-split systems provide the option to customize indoor comfort in a single space environment.



HYPERTEK

COLD CLIMATE CONTROL

New HyperTek heating allows operation at colder temperatures than previous models. Low temperature heating has been extended to -25°C with up to 94% capacity, and maximum operational heating down to -30°C.

COMFORT



TURBO OPERATION

Unit maximizes cooling or heating output capacity, to attain desired temperature in the shortest amount of time



HEAT PUMP

- Provides year round comfort allowing unit to reverse refrigerant process in cold weather, by extracting outside heat and transferring inside
- Excellent for house additions without forced air heating systems or where ductwork is not possible



ANTI-COLD-AIR

Prevents cold air from blowing out at the beginning of operation by automatically regulating fan speed according to temperature

ENERGY SAVING



SLEEP MODE

Unit automatically increases (cooling) or decreases (heating) -17°C/hour for first 2 hours, and holds steady for next 5 hours before switching off and returning to preset temperature for both energy savings and comfort

RELIABILITY



AUTO DEFROSTING

Evaporator automatically defrosts prolonging product life and improving energy savings



SELF-DIAGNOSTIC FUNCTION

Allows unit to detect abnormal operations or part failures, display an error code on the indoor unit, and switch off automatically to protect the system



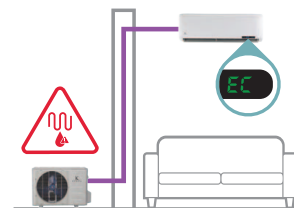
LOW AMBIENT KIT

With a special built-in kit the air conditioner can be used in temperatures as low as -15°C for cooling



REFRIGERANT LEAKAGE DETECTION

Displays EC error code on indoor unit if outdoor unit detects a refrigerant leak condition



THINK COMFORT.
THINK KARDA.™

Karda Single, Rev 09-2020

KARDA™ MINI-SPLIT WARRANTY

This warranty covers defects in workmanship and the internal parts contained in this system for a period of 7 years from the date of installation. Warranty covers the original purchaser of this product only. You must have your original invoice in order to obtain your warranty. At its discretion, Karda will replace any unit found to be defective in material or workmanship, through a 30 month exchange for the same make and model. This is a one-time replacement warranty. The defective unit must be returned to the original place of purchase. Karda also offers a 7 year warranty on parts that are found to be defective.

The compressor is warranted for a total period of seven (7) years to the original end-user of this system. For a period of seven (7) years from the date of installation, if the compressor should prove defective, Karda will provide a replacement component without charge. Replacement compressors are warranted for the remainder of this seven (7) year warranty period. Compressors used for replacement shall be of like kind and quality and may be new or remanufactured.

*Dealer policy may override manufacturer's exchange warranty. Contact your store for details.

*See full warranty for complete details.

