



KEPLERX K15HVC18W2H Multi Position Air Handler Datasheet

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15SEER2 series
Multi-Position, Multi-speed
Air Handler 1½ to 5 Tons



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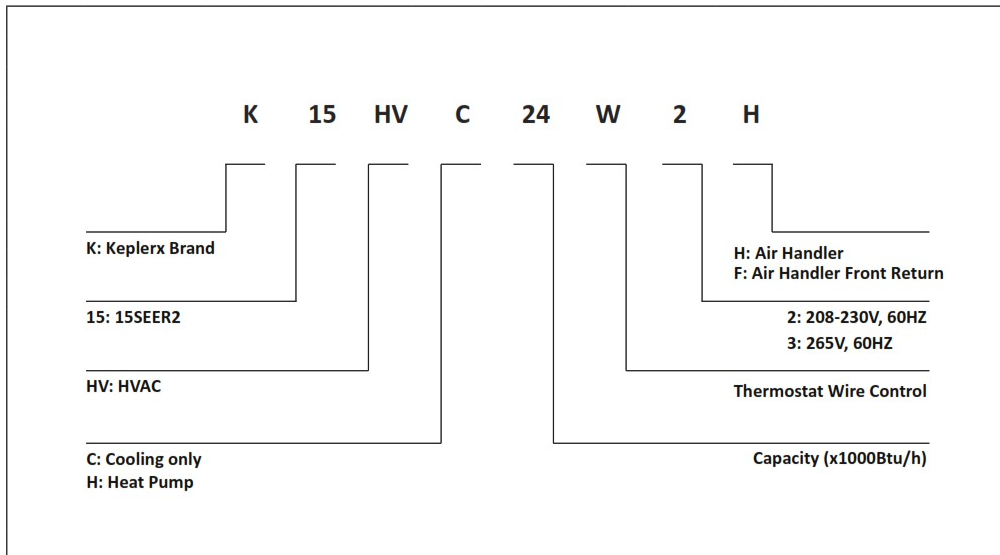
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Product Features

- Internal factory-installed Piston as expansion valve for cooling and heat pump applications.
- PSC & ECM motor through 1.5-5ton, provide selections of air flow to meet desired applications.
- Painted Galvanized steel cabinet with thermal insulator cover all inside panels to reduce heat transfer and prevent condensed water accumulation.
- “A” Shape coil, constructed with copper tubing and enhanced anti-corrosion aluminum fins.
- Coil mounting track for quick repositioning.
- Optimized for use with R-410A refrigerant.
- Horizontal or vertical configuration capabilities.
- 22”depth for easier attic access.

- 3/4" NPT primary and secondary drains.
- Foil-faced insulation covers the internal casing to reduce cabinet condensation.
- Glue-less cabinet insulation retention.
- Tool-less filter access.
- Field Installed 5 kW – 20 kW electric heater kits available.
- AHRI certified; ETL listed.

Nomenclature



Product Specifications

	K15HVC1 8W2H	K15HVC2 4W2H	K15HVC3 0W2H	K15HVC3 6W2H	K15HVC4 2W2H	K15HVC4 8W2H	KI5HVC60 W2H
Nominal Ratings							
Cooling (Btu/h)	17,500	22,000	28,000	33,000	40,000	45,000	55,500
Blower							
Diameter	11	11	11	11		11	11
Width	11	11	11	11	11	11	11
Coil Connections							
Liquid	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction	3/4"	3/4"	3/4"	3/4"	3/4"	7/8 "	7/8 "
Coil Drain Connect (NPT)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Electrical Data							
Voltage	208/230	208/230	208/230	208/230	208/230	208/230	208/230
Minimum Circuit A mpacity	1.8A	2.3A	2.8A	4.0A	4.5A	5.2A	5.4A
Max. Overcurrent D evice (Amos)	3.0A	3.0A	3.0A	6.0A	6.0A	6.0A	6.0A
Min/Max Volts	187/253	187/253	187/253	187/253	187/253	187/253	187/253
Blower Motor							
Full Load Amps (FL A)	1.1A	1.7A	2.1A	2.8A	3.3A	3.6A	3.9A
Horsepower (HP)	1/4HP	2/7HP	1/2HP	1/2HP	3/4HP	3/4 HP	3/4HP
Ship Weight (Lbs.)	137	143	141	141	146	185	185

Dimensions

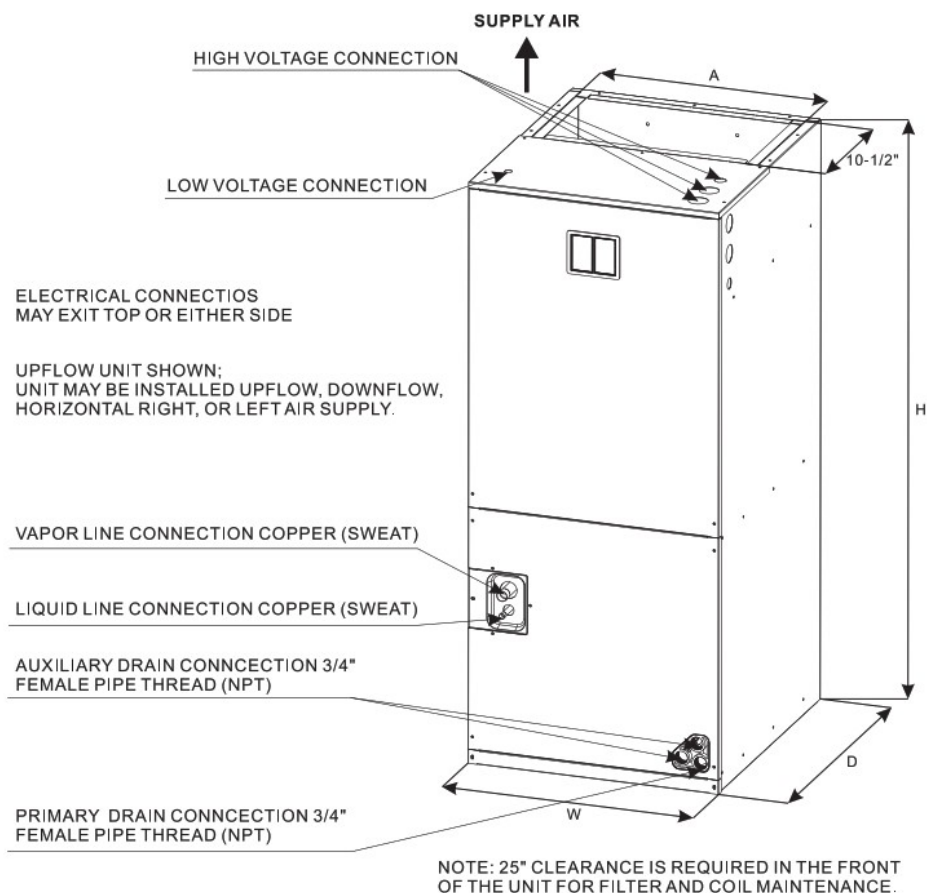


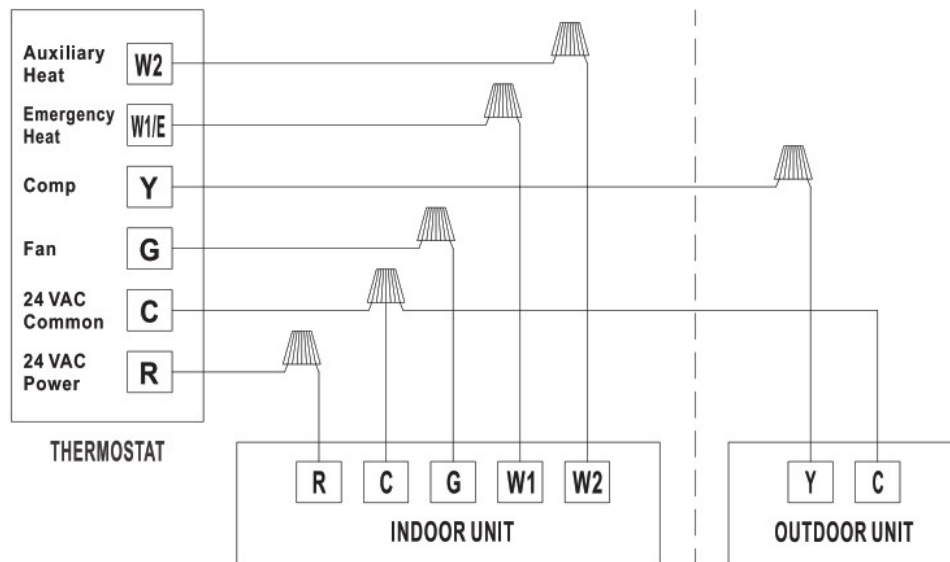
Fig. 6 DIMENSIONS

DEMENSIONAL DATA

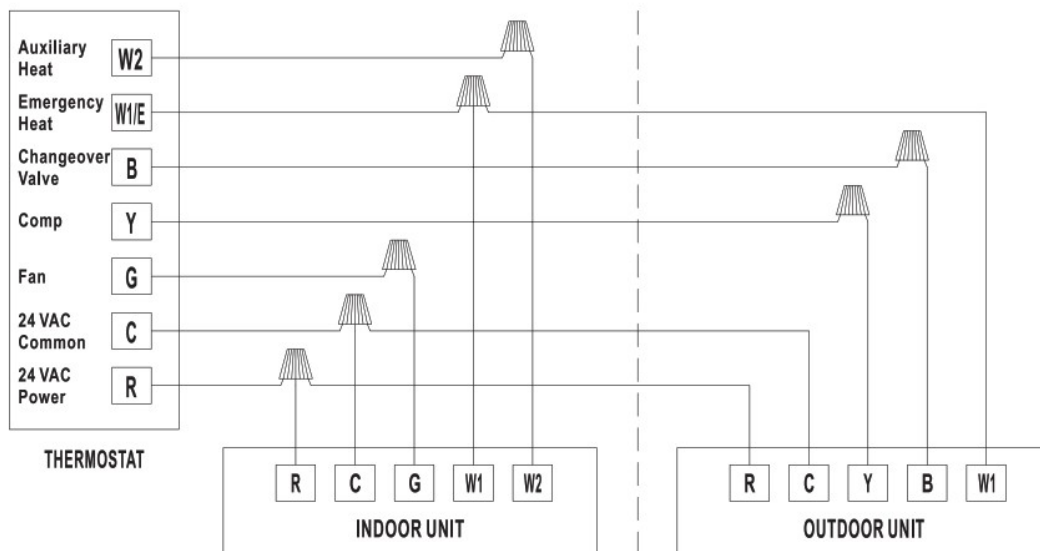
MODEL SIZE	Dimensions inch				
	UNIT HEIGHT "H" IN	UNIT WIDTH "W" IN.	UNIT LENGHT "D" IN	SUPPLYDUCT "A" IN	LIQUID LINE/ VAPOR LINE IN
K15HVC18W2H	45-3/4"	19-5/8"	22"	17-7/8"	3/8" / 3/4"
K15HVC24W2H	45-3/4"	19-5/8"	22"	17-7/8"	3/8" / 3/4"
K15HVC30W2H	45-3/4"	19-5/8"	22"	17-7/8"	3/8" / 3/4"
K15HVC36W2H	45-3/4"	19-5/8"	22"	17-7/8"	3/8" / 3/4"
K15HVC42W2H	45-3/4"	19-5/8"	22"	17-7/8"	3/8" / 3/4"
K15HVC48W2H	53-1/8"	22"	24-1/2"	19-1/2"	3/8" / 7/8"
K15HVC60W2H	53-1/8"	22"	24-1/2"	19-1/2"	3/8" / 7/8"

WIRING DIAGRAM

1. To avoid the electrical shock, please connect the air conditioner with the ground lug. The main power plug in the air conditioner has been joined with the ground wiring, please don't change it freely.
2. The power socket is used as the air conditioner specially.
3. Don't pull the power wiring hard.
4. When connecting the air conditioner with the ground, observe the local codes.
5. If necessary, use the power fuse or the circuit, breaker or the corresponding scale amper®:

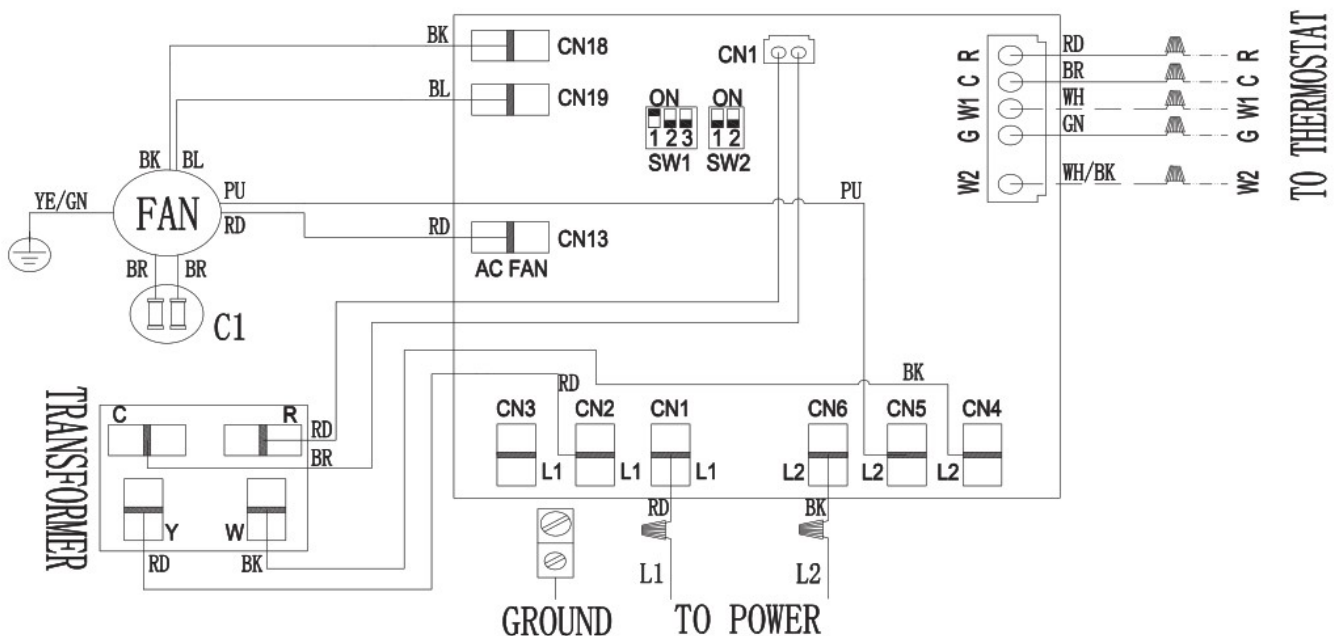


Wiring connection for A/C Systems



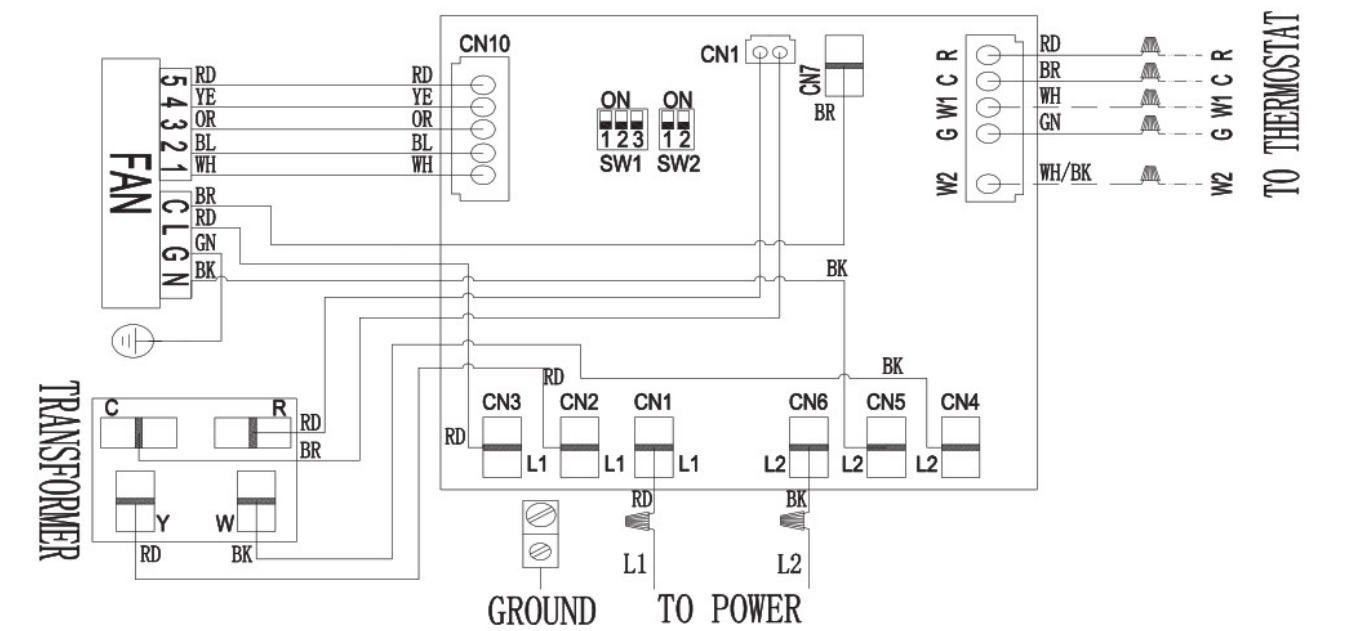
Wiring connection for H/P Systems

Applicable for K15HVC18W2H, K15HVC24W2H





LINEAR ANNOTATION	NOTES	DIAL SWITCH DESCRIPTION	
<div>_____ FACTORY DEFAULT</div> <div>----- FIELD INSTALLED</div> <div>----- FACTORY OPTION</div> <div>Please refer to the actual wiring diagram</div>	<div>1. Grounded and all wiring to conform to I.E.C.</div> <div>2. Replacement wire must be the same gauge and insulation type as original wire.</div> <div>3. The units should connect the stated-cross-section earth wire and keep it grounding unfailingly.</div> <div>4. Electric Heater is optional.</div>	<div>SW 1-1</div>	<div>AC FAN</div> <div>The rest of the DIP switches are reserved</div>

K15HVC30W2H, K15HVC36W2H, K15HVC42W2H, K15HVC48W2H, K15HVC60W2H



		DIAL SWITCH DESCRIPTION	
LINEAR ANNOTATION	NOTES	SW1-1	LOW
_____ FACTORY DEFAULT ----- FIELD INSTALLED ----- FACTORY OPTION Please refer to the actual wiring diagram	1. Grounded and all wiring to conform to I.E.C. 2. Replacement wire must be the same gauge and insulation type as original wire. 3. The units should connect the stated-cross-section earth wire and keep it grounding unfaithfully. 4. Electric Heater is optional.	SW1-2	MEDIUM LOW
		SW1-3	MEDIUM
		SW2-1	MEDIUM HIGH
		SW2-2	HIGH


DIAL SWITCH	FAN SPEED MODE	MODEL	DIAL SWITCH	FAN SPEED MODE	MODEL
	MEDIUM	30K, 42K		MEDIUM HIGH	36K, 48K, 60K



COMPANY WITH
 QUALITY SYSTEM
 CERTIFIED BY DNV GL
 = ISO 9001=
 COMPANY WITH
 ENVIRONMENTAL SYSTEM
 CERTIFIED BY DNV GL
 = ISO 14001=

* Complete warranty details available from your local dealer or at www.eqkhvac.com. To receive the 10-Year Compressor and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

<http://www.keplerx.net>
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References

- [K KeplerX](#)
- [User Manual](#)

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