



Submittal Data Sheet

16.0 IEER HP R32, 7.5 ton 460V 3PH

DH6TE09040

STANDARD FEATURES

- Two-Stage tandem compressor design with internal pressure release valve.
- High-capacity, steel-cased, bi-flow heat pump filter drier.
- Liquid refrigerant return protection.
- Check flowrate heating mode expansion device.
- Reliable, time-initiated, temperature- terminated defrost control.
- High and low pressure switches.
- Discharge line muffler.
- Brass liquid and suction line service valves mounted at a 90° angle with sweat connections and service ports.
- High-efficiency copper tube / aluminum fin coil.
- Complies with ASHRAE 90.1-2016
- AHRI Certified; ETL Listed.

CABINET FEATURES

- Innovative sound control top design
- Steel louver coil guard protects the coil from damage and adds strength to unit
- Bottom pan rails elevate unit above slab
- Heavy-gauge galvanized-steel cabinet
- Attractive Nickel Gray powder-paint finish
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)





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PERFORMANCE COMBINATION (HSVTC) * VALUES SHOWN ARE FOR AHRI RATED HIGH SALES VOLUME TESTED

Outdoor Unit Model No.	DH6TE09040	Outdoor Unit Name:	16.0 IEER HP R32, 7.5 ton 460V 3PH
Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
Max/Min Cooling Capacity (Btu/hr):	92,000 /	Max/Min Heating Capacity (Btu/hr):	85,000 /
* Rated Cooling Capacity (Btu/hr):	92,000	* Rated Heating Capacity (Btu/hr):	85,000
* EER:	11.40	* EER2:	
* SEER:		* SEER2:	
* HSPF:		* HSPF2:	
* Heating COP:	3.5		

OUTDOOR UNIT DETAILS

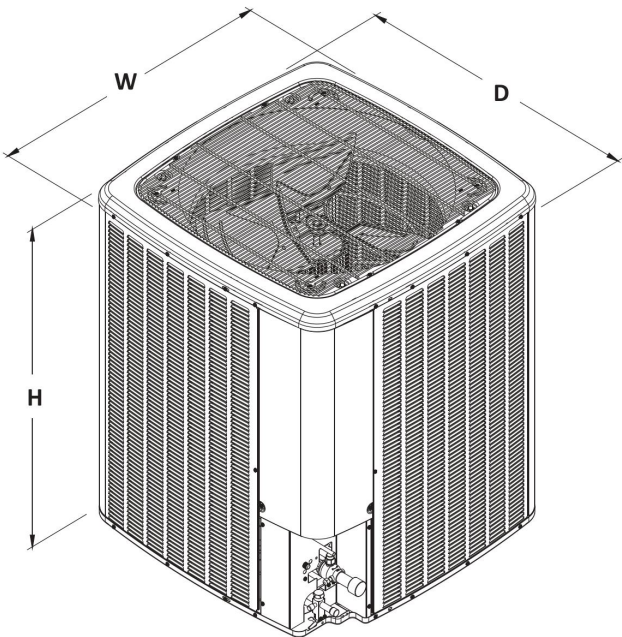
Power Supply (V/Hz/Ph):	460 / 60 / 3	Compressor Stage:	Two Stage
Min. Circuit Amps MCA (A):	17.9	Suction Valve Connection Size (inch):	1-1/8
Max Overcurrent Protection (MOP) (A):	20	Liquid Valve Connection Size (inch):	5/8
Running Load:	6.4	Sound Power () (dBA):	
Refrigerant Type:	R-32	Cooling Operation Range (°F DB):	55 - 125
Holding Refrigerant Charge (ozs):	110	Heating Operation Range (°F DB):	-5 - 70
Additional Charge (ounces/ft):	1.54	Max. Pipe Length (Vertical) (ft):	25
Pre-charge Piping (Length) (ft):	15	Min. Cooling Range w/Baffle (°F DB):	
Max. Pipe Length (Total) (ft):	150	Min. Heating Range w/Baffle (°F DB):	
Net Weight (lb):	386	Gross Weight (lb):	411
Dimensions (HxWxD) (in):	41.5 x 35.5 x 35.5		



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DIMENSIONAL DRAWING

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
DH6TE09030A*	35½"	35½"	41½"
DH6TE09040A*	35½"	35½"	41½"
DH6TE12030A*	35½"	35½"	41½"
DH6TE12040A*	35½"	35½"	41½"