



Submittal Data Sheet

14.3 SEER2 HP R32, 3 Ton 460V 3PH

DH4SEA3640

STANDARD FEATURES

- High-efficiency Copeland® scroll compressor
- Advanced Copeland® CoreSense™ technology
- Enhanced aluminum fin coil with 5mm diameter copper tubes in 3-ton
- Enhanced aluminum fin coil with 7mm diameter copper tubes in 4.0- to 5.0-ton
- Time-delay technology to ensure quiet reliable defrost
- Factory-installed bi-flow liquid line filter drier
- Factory-installed suction line accumulator
- Factory-installed compressor crank case heater
- Factory-installed high capacity muffler
- High- and low-pressure switches
- Service valves with sweat connections and easy access to gauge ports
- Fully enclosed contactor with lug connections
- Fully charged for 15' of tubing length
- Capacitors with extended life
- AHRI Certified; ETL Listed



CABINET FEATURES

- Removable grille-style top design compliant with UL 60335-2-40
- Venturi for increased velocity of airflow
- Custom Nickel Gray powder- paint finish with 500- hour salt- spray approval
- Steel louver coil guard with rust-resistant screws
- Wire fan discharge grille
- Steel louver coil guard
- Rust-resistant screws
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories



Submittal Data Sheet

14.3 SEER2 HP R32, 3 Ton 460V 3PH
DH4SEA3640

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

Outdoor Unit Model No.	DH4SEA3640	Outdoor Unit Name:	14.3 SEER2 HP R32, 3 Ton 460V 3PH
Rated Cooling Conditions:	Indoor (°F DB/WB): / Ambient (°F DB/WB): 95 / 75	Rated Heating Conditions:	Indoor (°F DB/WB): / Ambient (°F DB/WB): 47 / 43
Max/Min Cooling Capacity (Btu/hr):		Max/Min Heating Capacity (Btu/hr):	
* Rated Cooling Capacity (Btu/hr):	35,000	* Rated Heating Capacity (Btu/hr):	34,400
* EER:		* EER2:	12.50
* SEER:		* SEER2:	14.30
* HSPF:		* HSPF2:	7.5
* Heating COP:			

OUTDOOR UNIT DETAILS

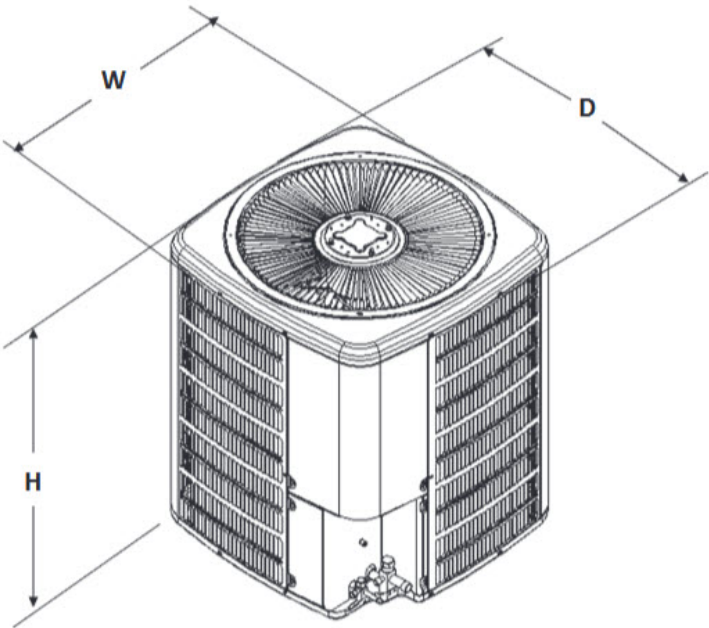
Power Supply (V/Hz/Ph):	460 / 60 / 3	Compressor Stage:	Single Stage
Min. Circuit Amps MCA (A):	6.7	Suction Valve Connection Size (inch):	7/8
Max Overcurrent Protection (MOP) (A):	10	Liquid Valve Connection Size (inch):	3/8
Running Load:		Sound Power (High) (dBA):	72
Refrigerant Type:	R-32	Cooling Operation Range (°F DB):	55 - 125
Holding Refrigerant Charge (ozs):	83	Heating Operation Range (°F DB):	-20 - 70
Additional Charge (ounces/ft):	0.58	Max. Pipe Length (Vertical) (ft):	79
Pre-charge Piping (Length) (ft):	15	Min. Cooling Range w/Baffle (°F DB):	
Max. Pipe Length (Total) (ft):	200	Min. Heating Range w/Baffle (°F DB):	
Net Weight (lb):	199	Gross Weight (lb):	266
Dimensions (HxWxD) (in):	36.6 x 35.5 x 35.5		



Submittal Data Sheet
14.3 SEER2 HP R32, 3 Ton 460V 3PH
DH4SEA3640

DIMENSIONAL DRAWING

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
DH4SEA3630A*	35½	35½	35¼
DH4SEA4830A*	35½	35½	36½
DH4SEA6030A*	35½	35½	41¼
DH4SEA3640A*	35½	35½	35¼
DH4SEA4840A*	35½	35½	36½
DH4SEA6040A*	35½	35½	41¼