

9924 Landers Rd.
No. Little Rock, AR 72117



Submittal

Prepared For:
Cromwell Architects Engineers

Date:
12/10/2024

Sold To:
Comfort Systems USA

Job Name:
Sherwood Public Works

Harrison Energy Partners is pleased to provide the enclosed submittal for your review and approval.

Qty.	Product Summary
3	Air Handler / Condensing Unit (AHU/CU-1,2,3)

Josh Robinson, New Systems Sales 501-539-0633 • harrisonenergy.com Harrison Energy Partners • Commercial HVAC Excellence 1501 Westpark Dr., Ste. 9 • Little Rock, AR 72204	<i>The attached information describes the equipment we propose to furnish for this project and is submitted for your approval.</i>
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Daikin Air Handler / Condensing Units (AHU/CU-1,2,3)

- Condensing Unit / Air Handler
- 208V/60Hz/3 Ph
- 10 Ton Nominal Capacity
- 2 Stage Cooling



Submittal Data Sheet

16.4 IEER A/C R32, 10 Ton 208/230V 3PH - DC6TE12030

Project: City of Sherwood - Public Works

Submitted by: Ronald Holt of HARRISON ENERGY PARTNERS on 12/19/2024

STANDARD FEATURES

- Two-Stage tandem compressor design Quiet operating top discharge High-efficiency copper tube / aluminum fin coil Brass liquid and suction service valves High- and low-pressure switches Factory-installed filter drier Complies with ASHRAE 90.1 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.)





Submittal Data Sheet

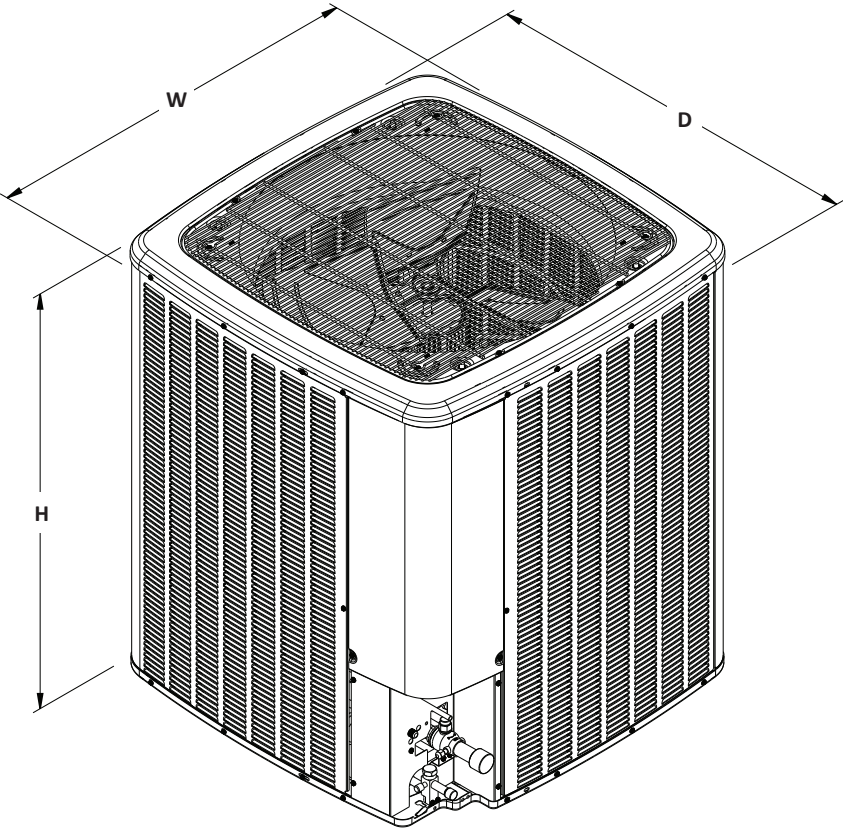
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PERFORMANCE COMBINATION (HSVTC)		* VALUES SHOWN ARE FOR AHRI RATED HIGH SALES VOLUME TESTED	
Outdoor Unit Model No.	DC6TE12030	Outdoor Unit Name:	16.4 IEER A/C R32, 10 Ton 208/230V 3PH
Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75	Rated Heating Conditions:	Indoor (°F DB/WB): / Ambient (°F DB/WB): /
* EER:	11.40	* EER2:	
* SEER:		* SEER2:	
* Rated Cooling Capacity (Btu/hr):	118,000		

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208/230 / 60 / 3	Compressor Stage:	Two Stage
Min. Circuit Amps MCA (A):	45.9	Suction Valve Connection Size (inch):	1-1/8
Max Overcurrent Protection (MOP) (A):	60	Liquid Valve Connection Size (inch):	5/8
Running Load:	17.3	Sound Power () (dBA):	
Refrigerant Type:	R-32	Cooling Operation Range (°F DB):	55 - 125
Holding Refrigerant Charge (ozs):	110	Heating Operation Range (°F DB):	-
Additional Charge (ounces/ft):	1.62	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):	350	Gross Weight (lb):	394
Dimensions (HxWxD) (in):	41.5 x 35.5 x 35.5		



MODELS	DIMENSIONS		
	W"	D"	H"
DC6TE09030A*	35½"	35½"	41½"
DC6TE09040A*	35½"	35½"	41½"
DC6TE12030A*	35½"	35½"	41½"
DC6TE12040A*	35½"	35½"	41½"



DAQ COMMERCIAL

ELECTRIC AIR HANDLERS
FOR 7½ & 10-TON SPLIT SYSTEMS



R32

■ Standard Features

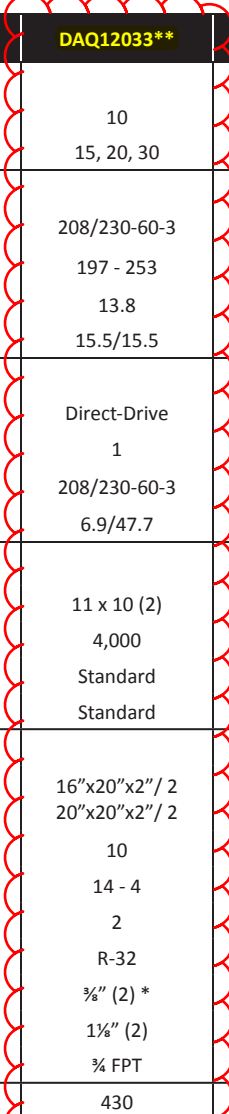
- TXV Control; Units have two (2) thermal expansion valves
- DAQ units feature two 5-speed direct-drive motors
- Copper tube/aluminum fin coils
- AHRI Certified; ETL Listed
- R-32 leak mitigation system

■ Cabinet Features

- Heavy-gauge, reinforced, galvanized-steel cabinet
- Fully insulated with fiberglass blanket
- Horizontal and vertical condensate pans
- Built-in filter rack (2" filter included)
- Entry on top of panel for both low and high voltage
- Removable access panels make servicing of unit faster and easier

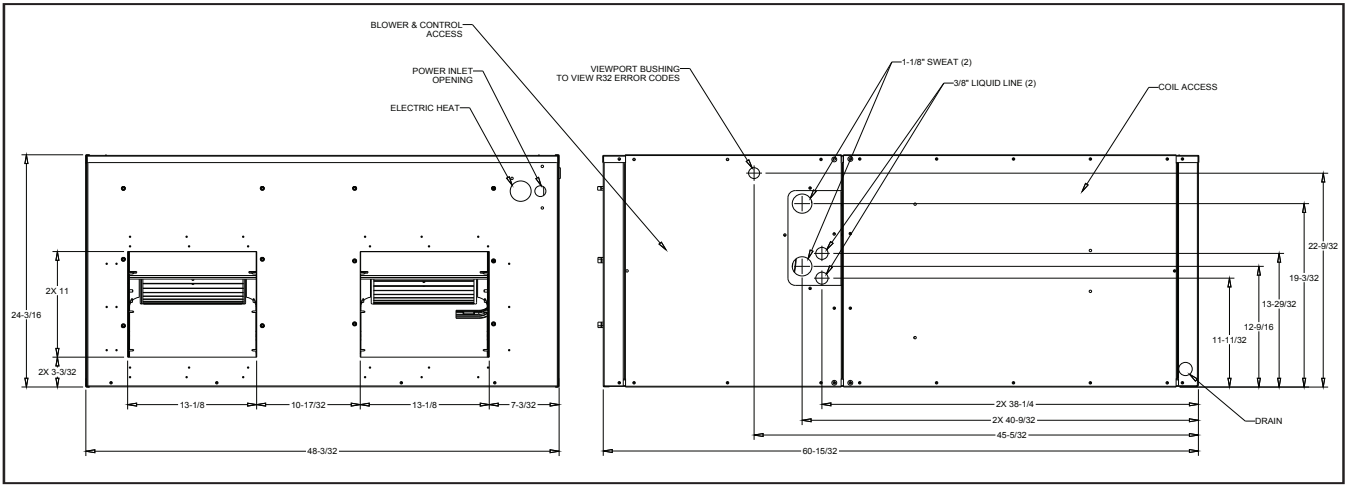


* Complete warranty details available from your local dealer or at www.daikincomfort.com.



	DAQ09033**	DAQ09034**	DAQ12033**	DAQ12034**
TOTAL CAPACITIES				
Nominal Cooling (Tons) ¹	7.5	7.5	10	10
Heating (kW)	15, 20, 30	15, 20, 30	15, 20, 30	15, 20, 30
ELECTRICAL DATA				
Voltage-Hz-Phase	208/230-60-3	460-60-3	208/230-60-3	460-60-3
Voltage Range	197 - 253	414-506	197 - 253	414-506
FLA (Total)	13.8	4.6	13.8	4.6
Minimum Circuit Ampacity	15.5/15.5	5.2	15.5/15.5	5.2
BLOWER MOTOR				
Type	Direct-Drive	Direct-Drive	Direct-Drive	Direct-Drive
Horse Power	1	1	1	1
Voltage-Hz-Phase	208/230-60-3	460-60-3	208/230-60-3	460-60-3
FLA/ LRA	6.9/47.7	2.3/23.9	6.9/47.7	2.3/23.9
BLOWER & CONTROLS				
Wheel Dia. & Width (Qty.)	11 x 10 (2)	11 x 10 (2)	11 x 10 (2)	11 x 10 (2)
Nominal Airflow (Ft./Min.)	3,000	3,000	4,000	4,000
Transformer	Standard	Standard	Standard	Standard
Blower Relay	Standard	Standard	Standard	Standard
FILTER, COIL & REFRIGERANT				
Disposable Filter Size / Qty	16"x20"x2"/ 2 20"x20"x2"/ 2	16"x20"x2"/ 2 20"x20"x2"/ 2	16"x20"x2"/ 2 20"x20"x2"/ 2	16"x20"x2"/ 2 20"x20"x2"/ 2
Coil Area (sq. ft.)	10	10	10	10
FPI - Rows	14 - 4	14 - 4	14 - 4	14 - 4
Expansion Valve Qty.	2	2	2	2
Refrigerant	R-32	R-32	R-32	R-32
Liquid Connection (Qty.)	3/8" (2) *	3/8" (2) *	3/8" (2) *	3/8" (2) *
Suction Connection (Qty.)	1 1/8" (2)	1 1/8" (2)	1 1/8" (2)	1 1/8" (2)
Condensate Drain	3/4 FPT	3/4 FPT	3/4 FPT	3/4 FPT
SHIP WEIGHT (LBS)	430	430	430	430

* For two refrigerant lines

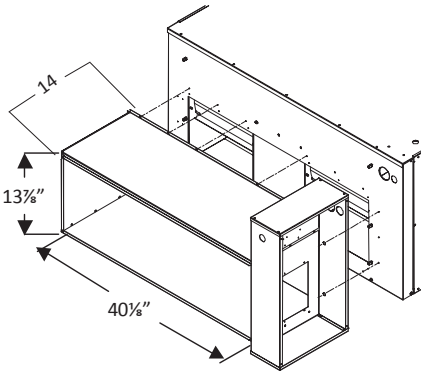


DUCT CONNECTION SIZING WITHOUT ELECTRIC HEATERS

MINIMUM SUPPLY AND RETURN DUCT DIMENSIONS

DIMENSIONAL DATA FOR ELECTRIC HEATER KITS

- 15, 20, & 30 kW Heater Kits
- Supply opening is 13 $\frac{3}{8}$ " x 40 $\frac{1}{8}$ "



SUPPLY DUCT		RETURN DUCT	
A	B	C	D
13 $\frac{3}{8}$ "	40"	24"	48"

