



Submittal Data Sheet

14.5 IEER, Heat Pump System, 7.5 Ton, Outdoor Unit-DZ14XA0903A*

Submitted By : Daikin

Submitted To : N/A

Tags : AHRI 210605687 Products [DZ14XA0903A* , DAX09043A* ,] , IEER 14.5 , EER 11.0 , HSPF 0.0

STANDARD FEATURES:

- Two-Stage energy efficient compressor
- High capacity steel cased bi-flow heat pump filter drier
- Liquid refrigerant return protection.
- Reliable, Time-initiated, temperature terminated defrost control.
- Brass liquid and suction line service valves mounted at a 90 degree angle with sweat connections and service ports.
- High-Efficiency copper tube/aluminum fin coil
- Complies with ASHRAE 90.1-2019
- 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
- Heavy-gauge galvanized steel cabinet
- Attractive nickel gray powder-paint finish



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SYSTEM PERFORMANCE

Outdoor Unit Model No.:	DZ14XA0903A*	Description :	0.0 SEER2, Heat Pump System, 7.5 Ton Outdoor System
Indoor Unit Model No.:	DAX09043A*		
TXV/PISTON :	Factory		
Rated Cooling Conditions:	Outdoor (°F DB/WB):95/75 Indoor (°F DB/WB):80/67	Rated Heating Conditions:	Outdoor (°F DB/WB):95/75 Indoor (°F DB/WB):80/67
Rated Cooling Capacity (Btu/hr):	N/A	OD Rated Heating Capacity (Btu/hr)	N/A
EER2:	N/A	EER:	11.0
Heating COP:	N/A	SEER2:	N/A
IEER:	14.5	* HSPF:	N/A
* HSPF2:	N/A		

OUTDOOR UNIT DETAILS : DZ14XA0903A*

Power Supply (V/Hz/Ph):	208/230/60/3	Compressor Type:	Scroll
Min. Circuit Amps MCA (A):	40.6	Compressor Stages:	Two Stage
Quantity:	1	Max Overcurrent Protection (MOP) (A):	60
Suction Valve Connection Size (in):	1-3/8	Compressor Rated Load Amps :	26.9
Liquid Valve Connection Size (in):	5/8	Refrigerant Type:	R-410A
Sound Power(High/Med/Low) (dBA):	83.7 / - / -	Holding Refrigerant Charge (oz):	55
Cooling Operation Range (°F DB):	65 - 115	Additional Charge (oz/ft):	-
Heating Operation Range (°F DB):	-5 - 65	Pre-charge Piping (Length) (ft):	15
Net Weight (lb):	-	Dimensions (HxWxD) (in):	41.5 x 35.5 x 35.5
Gross Weight (lb):	347	*Max. Pipe Length (Vertical) (ft):	-
*Max. Pipe Length (Total) (ft):	-		

**Refer to Long Line Set Application TP-107 for lines greater than 80 ft. or vertical elevation changes more than 50 ft. for single stage equipment and 25 ft. for 2-stage equipment.*

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LIST OF ACCESSORIES : DZ14XA0903

Model No.	Description	Quantity Required
ABK-20	ANCHOR BRACKET KIT	1
LSK01A	SOLENOID KIT FOR REM	1
0130L00024	CRANK CASE HEATER 70W, 480V	1
0130L00023	CRANK CASE HEATER 70W 240V	1
LAKT00HP	Low Ambient Kit	1
OT18-60-01A	Outdoor Thermostat Kit	1
ASC02A	Anti-Short Cycle Kit	1

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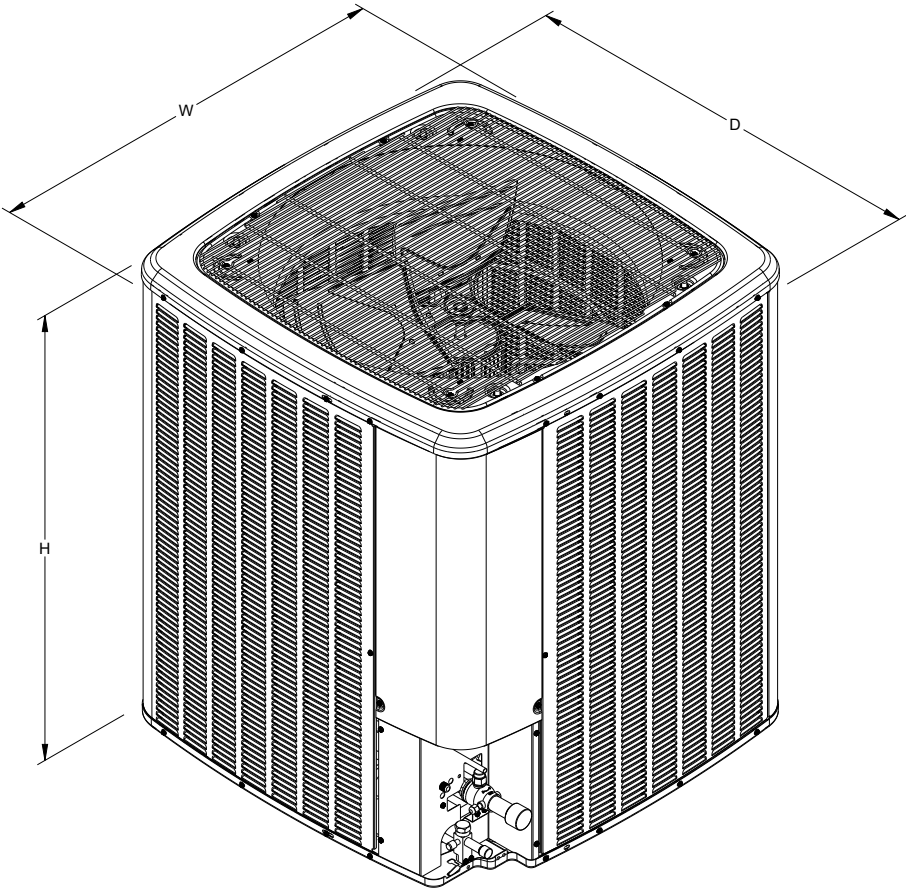
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Model	Dimensions		
	W"	D"	H"
DZ14XA0903A*	35½	35½	41½
DZ14XA0904A*	35½	35½	41½
DZ14XA1203A*	35½"	35½"	41½"
DZ14XA1204A*	35½"	35½"	41½"

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STANDARD FEATURES:

- Upflow or horizontal (left side) installation positions in 7½ and 10-ton cooling only or heat pump applications
TXV Control
- Units have two (2) thermal expansion valves
DAX units feature two 5-speed direct-drive motors
AHRI Certified
- ETL Listed

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



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INDOOR AIR HANDLER UNIT DETAILS : DAX09043

Quantity:	1	Configuration:	Upflow
Power Supply (V/Hz/Ph):	208/240/60/3	Suction Connection Size (in):	-
Min. Circuit Amps MCA (A):	-	Liquid Connection Size (in):	-
Max Overcurrent Protection (MOP) (A):	-	Condensate Connection (in):	3/4
Net Weight (lb):	-	Dimensions (HxWxD) (in):	- x - x -
Gross Weight (lb):	406	Power Voltage (lb):	208/240
Current Type :	-	Power Phase:	3
Power Frequency :	60	Min Voltage :	-
Max Voltage :	-	MCA :	-
MOP :	-	Electric Heat Range :	15;20;30
Indoor Blower FLA :	-	Fan Motor Output :	-

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INDOOR HEATKIT UNIT DETAILS : DAX09043

HeatKit	BreakerHKDC	CircuitHKDC	VoltageHKDC	Mop	Mca	TotalUnitsInAmps
AHKD20-3A			240	70 / 80	69.4/77.4	
AHKD30-3A			240	100 / 110	95.4/108	
AHKD15-3A			240	60 / 70	56.3 / 62.4	

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LIST OF ACCESSORIES : DAX09043

Model No.	Description	Quantity Required
TX3N4	TXV Kit - 3 Ton Non-Bleed R410A	1
TX5N4	5 Ton TXV Kit - Non-Bleed R410A	1
AHKD30-3A	Elec Heatkit 30Kw 230V	1
AHKD20-3A	Elec Heatkit 20Kw 230V	1
AHKD15-3A	Elec Heatkit 15Kw 230V	1
FSK04A	Freeze Stat Kit	1



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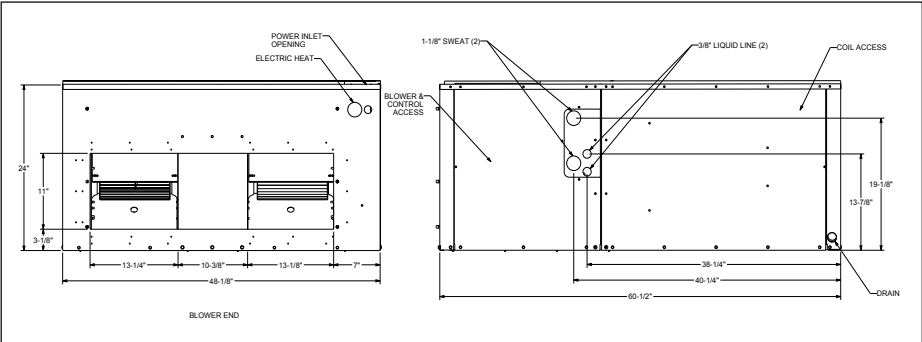
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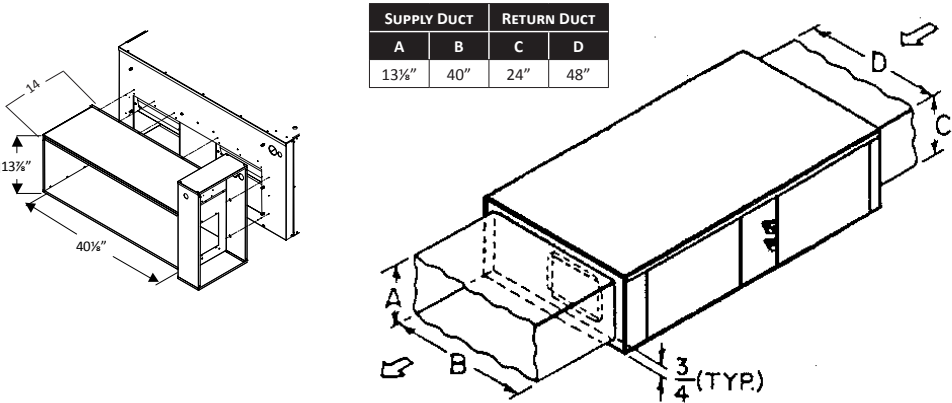
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DUCT CONNECTION SIZING WITHOUT ELECTRIC HEATERS

MINIMUM SUPPLY AND RETURN DUCT DIMENSIONS

DIMENSIONAL DATA FOR ELECTRIC HEATER KITS	
• 15, 20, & 30 kW Heater Kits	
• Supply opening is 13 3/4" x 40 1/4"	



SUPPLY DUCT		RETURN DUCT	
A	B	C	D
13 3/4"	40"	24"	48"

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