

COOLING CAPACITY : 17,000 - 57,000 BTU/H

## ENERGY-EFFICIENT SPLIT SYSTEM AIR CONDITIONER UP TO 14 SEER & 11.5 EER



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### Standard Features

- Single-speed PSC condenser fan motor
- Energy-efficient scroll compressor
- High-density foam compressor sound blanket
- Advanced Copeland® CoreSense™ technology
- Factory-installed filter drier
- Copper tube / enhanced aluminum fin coil
- Sweat connection service valves with easy access to gauge ports
- Contactor with lug connection
- AHRI Certified; ETL Listed

### Cabinet Features

- Heavy-gauge, galvanized-steel cabinet with grille-style sound control top
- Custom Nickel Gray powder-paint finish
- 500-hour salt-spray tested
- Wire fan discharge grille
- Steel louver coil guard
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



\* Complete warranty details available from your local dealer or at [www.daikincomfort.com](http://www.daikincomfort.com). To receive the 6-Year Unit Replacement Limited Warranty and 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Additional requirements for annual maintenance are required for the Unit Replacement Limited Warranty. Online registration and some of the additional requirements are not required in California or Quebec.



	DX13SA 0181A*	DX13SA 0241A*	DX13SA 0301A*	DX13SA 0361A*	DX13SA 0421A*	DX13SA 0481A*	DX13SA 0601A*	DX13SA 0611A*
<b>CAPACITIES</b>								
Nominal Cooling (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000	60,000
Decibels	71	71	72	74	74	74	77	72
<b>COMPRESSOR</b>								
RLA	9.0	13.5	12.8	14.1	17.9	19.9	25.0	26.4
LRA	48	58.3	64	77	112	109	134	134
<b>CONDENSER FAN MOTOR</b>								
Horsepower	1/8	1/8	1/8	1/4	1/4	1/4	1/4	1/4
FLA	0.7	0.7	0.7	1.2	1.3	1.3	1.3	1.3
<b>REFRIGERATION SYSTEM</b>								
Refrigerant Line Size								
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size								
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) <sup>4 5</sup>	3/4"	3/4"	3/4"	3/4" <sup>4</sup>	7/8" <sup>5</sup>	7/8" <sup>5</sup>	7/8" <sup>5</sup>	7/8" <sup>5</sup>
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge (oz.)	69	60	60	62	80	91	94	111
Shipped with Orifice Size (in.)	0.051	0.057	0.061	0.070	0.076	0.080	0.086	0.086
<b>ELECTRICAL DATA</b>								
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity <sup>2</sup>	12	17.6	16.7	18.8	23.7	26.2	32.6	34.3
Max. Overcurrent Protection <sup>3</sup>	20	30	25	30	40	45	50	60
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
Equipment Weight (lbs)	102	115	115	118	171	175	184	211
Ship Weight (lbs)	117	128	132	135	189	193	202	233

<sup>1</sup> Line sizes denoted for 25' line sets, tested and rated in accordance with AHRI Standard 210/240. For other line-set lengths or sizes, refer to the installation & Operating instructions and/or the long line-set guidelines.

<sup>2</sup> Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

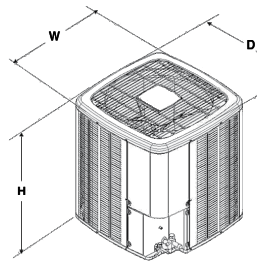
<sup>3</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

<sup>4</sup> Installer will need to supply 3/4" to 7/8" adapters for suction line connections.

<sup>5</sup> Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.

**NOTES**

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.



MODEL	DIMENSIONS		
	W"	D"	H"
DX13SA0181A*	26	26	27½
DX13SA0241A*	26	26	27½
DX13SA0301A*	26	26	27½
DX13SA0361A*	26	26	27½
DX13SA0421A*	29	29	36¼

DX13SA

ACCESSORIES

MODEL	DESCRIPTION	DX13SA 018**	DX13SA 024**	DX13SA 030**	DX13SA 036**	DX13SA 042**	DX13SA 048**	DX13SA 060**	DX13SA 0611**
ABK-20	Anchor Bracket Kit <sup>0</sup>	X	X	X	X	X	X	X	X
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X	X	X	X	X
FSK01A <sup>1</sup>	Freeze Protection Kit	X	X	X	X	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X	X	X	X	X
LSK01A	Liquid Line Solenoid Kit	X	X	X	X	X	X	X	X
OT18-60A	Outdoor Thermostat	X	X	X	X	X	X	X	X
TX2N4 <sup>2</sup>	TXV Kit	X							
TX2N4A <sup>2</sup>	TXV Kit	X	X						
TX3N4 <sup>2</sup>	TXV Kit			X	X				
TX5N4 <sup>2</sup>	TXV Kit					X	X	X	X

<sup>0</sup> Contains 20 brackets; four brackets needed to anchor unit to pad

<sup>1</sup> Installed on indoor coil

<sup>2</sup> Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.