Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 11/04/13

DAR Commercial

ELECTRIC AIR HANDLERS
½- & 10-TON SPLIT SYSTEMS

Submittal Data Form

Job Name _____

Location _____

Purchaser _____

Order No. _____

Engineer _____

Unit No. _____

Model No. _____

Unit Designation _____

Performance Data Certified By:

_____

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

Standard Features

- Upflow or horizontal (left side) installation positions in 7½- and 10-ton cooling-only or heat pump applications
- 10-ton model circuited for use with two 4- or 5-ton cooling-only or heat pump systems, or one 10-ton cooling-only or heat pump system
- All models convertible to 460-3-60 from 208/230-3-60
- Transformer and blower relay
- TXV control; 7½-ton unit has one (1) thermal expansion check valve; 10-ton unit has two (2) thermal expansion check valves
- Draw-thru centrifugal blower is belt-driven for quiet, efficient operation
- Copper tube / aluminum fin coils

5 YEAR PARTS LIMITED WARRANTY *

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

Job Name

Performance Data for Split S

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Outdoor Unit: _____

Indoor Unit: _____

Date: 11/04/13

Cooling Performance

Total Capacity	_____	MBH
Sensible Capacity	_____	MBH
Outdoor Design TMP	_____	ºF DB / WB
Air Temp entering Evaporator Coil	_____	ºF
Power Input Required (less blower motor)	_____	kW

Heating Performance

Total Heating Capacity	_____	kW
	_____	BTU/h

pply Air Blower Performance

Total Supply Air	_____	CFM
Ext. Static Pressure	_____	IWG
Blower Speed	_____	RPM
Power Output Required	_____	BHP
Motor Ratings	_____	HP
Power Input Required	_____	kW

Electrical Data

Power Supply _____

Total Unit Amps _____ Amps

Max Overcurrent Device:

Fuse _____ Breaker _____ Amps _____

Notes

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 11/04/13

DIMENSIONS

Note: AR090A (1) 5/8" Liquid Line AR120A (2) 3/8" Liquid Line

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 11/04/13

Accessories

Electric Heater Kits

Air Handler	AHKD Model	Nom Kw	Data		Weight (lbs.)	MCA[1]	MOP[2]	√
AR090A	AHKD15-3	15	208-230/3/60	1	56	50	50	
	AHKD15-4	15	460/3/60	1	55	25	25	
	AHKD20-3	20	208-230/3/60	2	59	64	70	
	AHKD20-4	20	460/3/60	2	57	32	35	
	AHKD30-3	30	208-230/3/60	2	60	93	100	
	AHKD30-4	30	460/3/60	2	58	47	50	
AR120A	AHKD15-3	15	208-230/3/60	1	56	53	60	
	AHKD15-4	15	460/3/60	1	55	27	30	
	AHKD20-3	20	208-230/3/60	2	59	68	70	
	AHKD20-4	20	460/3/60	2	57	34	35	
	AHKD30-3	30	208-230/3/60	2	60	96	100	
	AHKD30-4	30	460/3/60	2	58	48	50	

[1] Minimum Circuit Ampacity
[2] Maximum Overcurrent Protection

Notes

- AR Series Air handlers do not have factory-installed electric heat. Purchased as an accessory, these are the ONLY heater kits that can be used with the AR Series.
- The electrical characteristics of the air handler, electric heater kits, and building power supply must be compatible.

Filters

Model	Filter Size
AR090A	16” x 20” x 2”
AR120A	16” x 20” x 2” 20” x 20” x 2”

Our continuing commitment to quality products may mean a change in specifications without notice.
© 2013 • DAIKIN MANUFACTURING COMPANY, L.P. • Houston, Texas • Printed in the USA.