



Horizontal Air Discharge



Vertical Air Discharge

38LZA

38LZA Air-cooled Condensing Unit FEATURES & BENEFITS

- Equipped with Fully Hermetic Scroll Technology compressor
- Compressor built-in internal line break motor protection
- Compressor built-in sight glass for checking oil level
- Motor built-in thermal overload protector
- Convertible fan discharge design for various sites installation (horizontal/vertical air discharge)
- Built in timer, high & low pressure switches
- Carrier high performance coil with Lanced Sine Wave fins and inner groove tubes
- Bigger coil surface area provides high heat rejection
- Bigger size propeller generates huge air flow providing best heat exchange
- Matching flexibility (one to one or multiple condensing unit to one fan coil unit/air handling unit)

FEATURES & BENEFITS 40LZA Ducted Fan Coil Unit

- Direct Expansion Furred-in model with plenum fan coil units
- Horizontal ducted application. Multiposition design can be installed horizontally or vertically without modification for sizes 150 & 200.
- High static design meets a wider range of applications than competitive packaged air handler lines
- Cooling coils with mechanically bonded fins provide peak heat transfer
- Standard factory-installed thermostatic expansion valves (TXVs) with matching 38LZA CDU
- Die-formed galvanized steel casings provide durability & structural integrity
- Easy installation & maintenance; For sizes 150 & 200, removal of one side panel allows access to most serviceable components
- Carrier Lanced Sine Wave fin pattern ensures high EER performance



40LZA



MS ISO 9001 REG. NO AR 0239



MS ISO 14001 CERT NO. C003001129



Carrier Split Systems:

Easy to select. Easy to install. Easy to like

Carrier's carefully matched condensing units and Ducted Fan Coil Units give you choices you can't get any other way..

SPECIFICATIONS

Model	Type	Direct Expansion Ducted Fan Coil Unit					
	Indoor	40LZA080	40LZA100	40LZA125	40LZA150	40LZA200	
	Outdoor	38LZA080	38LZA100	38LZA125	38LZA150	38LZA200	
Nominal Capacity	kW	23.5	29.3	36.6	43.9	58.6	
Refrigerant		R-22					
Power Source (V-Ph-Hz) Nominal - Indoor		230-1-50			400-3-50		
INDOOR UNIT	Model	40LZA080	40LZA100	40LZA125	40LZA150	40LZA200	
	Fan	Type	Centrifugal Forward Curve				
		Number	2				
		Drive	Direct Driven				
	Fan Motor	Number	1				
		Power Input (w)	750	1,350	1,350	2,200	3,000
		FLA (A)	5.5	8.61	8.61	5.1	6.5
		Speed (rpm)	1,375	1,320	1,320	1,500	
	Nominal Air Flow	l/s	1,257	1,500	1,640	1,950	2,800
	Indoor Coil	Row-FPM	3-591	3-591	4-591	3-591	
	Dimensions	Depth, D (mm)	760			710	764
		Width, W (mm)	1,640			1,346	1,651
		Height, H (mm)	541			1,487	1,541
	Operating Weight	kg	107.5	112.0	112.0	200.0	230.0
	Sound Pressure Level**	dB(A) @ Hi-Speed	72.0	73.0	73.0	59.0	60.7
External Finish		Unpainted Galvanized Steel Casing					
Filter	Type	Washable					
OUTDOOR UNIT	Model	38LZA080	38LZA100	38LZA125	38LZA150	38LZA200	
	Compressor	Type	Hermetic Scroll				
		Quantity	1				2
		LRA (A)	130	130	145	175	130/comp
		RLA (A)	14.3	20.7	22.9	24.2	20.7/comp
		Input kW	7.83	8.97	10.8	13.6	8.96/comp
	Fan Motor	FLA (A)	1.80	1.67	1.67	2.83	
	Condenser Coil	Rows-Fins/m	2-590			3-472	
	Dimensions	Depth, D (mm)	1,024			1,230	
		Width, W (mm)	895			1,161	
		Height, H (mm)	845	945	945	1,175	
Operating Weight	kg	175	189	195	274	342	
External Finish		Morning Mist					
Sound Pressure Level	dB(A)	75	79	79	76		

FLA: Full Load Amps LRA: Locked Rotor Amps RLA: Rated Load Amps

* Data is measured at 1m front of the unit and 1m above the ground

For more information, contact your nearest Carrier representatives.

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Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.

