



เครื่องปรับอากาศ “แคเรียร์”



## 40LB Series

*Direct Expansion Fan Coil Unit*

36,000-98,000 BTUH



# 40LB Series



▲ 40LB Series (size: 004/006)



▲ 40LB Series (size: 007/009)

## The New, Versatile & Energy Efficient 40LB Direct Expansion Fan Coil Unit.

The Carrier **40LB** Horizontal Type Direct Expansion Fan Coil Units come in 4 sizes covering an air flow range between (1,200 to 3,200) CFM. These units have been engineered for domestic and commercial application. When coupled with appropriate condensing units, the Carrier 40LB Fan Coil Units produce nominal capacities ranging from (36,000 to 98,000) Btu/hr.

\* Applicable to 40LB (004 to 007)

## Features

- **Direct Driven Forward Curved Centrifugal Fan - quiet operation.**
- **Carrier All Weather Cabinet - rugged and durable.**
- **Fire Retardant Insulation - minimises condensation & reduces sound levels.**
- **Carrier Lanced Sine Wave Fin Pattern\* - ensures high EER performance.**
- **Filter(s) - easily serviceable.**
- **Quick Lock Fittings - Easy & quick installation (40LB004 & 006 only).**

## Guide specifications

Furnish and install direct expansion fan coil units of the style and capacities as indicated on the plans and in the equipment schedules. Equipment schedules and specifications are based on Carrier 40LB Series direct expansion fan coil units.

The base units shall be complete with the direct expansion coils, centrifugal fans with PSC motors, condensate drain pan, filters and powder painted galvanized steel casing.

The coil shall be 3 row/13 FPI (40LB004 & 007) and 4 row/13 FPI (40LB006 & 009) and shall have 3/8" OD copper tubes with "Lanced Sine Wave" pattern aluminium fins mechanically bonded (Note: 40LB009 - wavy continuous fin pattern). The coil shall be cleaned & leak tested at 1725 kPa minimum air pressure at the factory.

Drain pan shall be constructed from 18 SWG galvanized steel and coated with a layer of water proofing compound. The underside of this drain pan shall be insulated with a layer of fire retardant closed cell foam insulation. The drain connection shall be 3/4" OD sweat connection.

Motors shall be 3-speed permanent split capacitor type with built in thermal overload and mounted on resilient supports.

Fan shall be of the forward curved DIDW type, statically and dynamically balanced, and directly mounted on the motor shaft.

The filter shall comprise of an aluminium filter frame with 1/2" thick disposable filter media.

## Specifications

Description		Direct Expansion Fan Coil Unit				
Model		40LB				
		004	004	006	007	009
Nominal Cooling Capacity	BTU/Hr	36,000	48,000	60,000	78,000	98,000
Nominal Air Volume	CFM	1,200	1,600	2,000	2,400	3,200
Power Supply	V/Ph/Hz	230/1/50				
Fan	Type	Direct Driven DIDW Forward Curved Centrifugal Fan				
	Qty.	1		2		
Fan Motor	Type	Permanent Split Capacitor Type				
	Qty.	1		2		
	Power (HP)	3/4		2 x 3/4		
	Rated Load Amps	4.62		2 x 4.62		
	Speed	3-Speed				
Dimension	Height	mm.		460		
	Width	mm.		990		1,495
	Depth	mm.		648		
Connections	Liquid	in.		3/8		1/2
	Suction	in.		3/4		7/8
	Drain	in.		3/4		
Net Weight	kg.	53		55		83
Refrigerant		R-22				

Carrier reserves the right to make changes in specifications without prior notice.  
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## Compatible with ▶



38LB Series



38RB Series



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