



# 40LAU/38RLU Series 40LAU/38LHU Series

*Direct Expansion Fan Coil Unit*

48,000-150,000 BTU/H



# 40LAU Series



▲ 40LAU Series (Size : 004/006)



▲ 40LAU Series (Size : 008/010/012/015)

**The New, Versatile & Energy Efficient 40LAU Direct Expansion Fan Coil Unit.**

The Carrier 40LAU Horizontal Type Direct Expansion Fan Coil Units come in 6 sizes covering air flowrate range between (1,600 to 5,000) CFM. These units have been engineered for domestic and commercial application. 40LAU Fan Coil Units produce nominal capacities ranging from (48,000 to 150,000) Btu/hr.

## Features

- Direct Driven Forward Curved Centrifugal Fan - quite operation.
- Carrier All Weather Cabinet - rugged and durable.
- Fire Retardant Insulation - minimises condensation & reduces sound levels.
- Filter(s) - easily serviceable.
- Environmental friendly with R-410A refrigerant

## Specifications

Packaged Direct Expansion Fan Coil Unit										
Model		Outdoor Unit	38RLU			38LHU				
		Indoor Unit	048S301	060S301	048S301	060S301	078S301	100S301	120S301	150S301
		40LAU-X								
		004	006	004	006	008	010	012	015	
Nominal Capacity	Cooling Capacity *	btu/h	48,000	60,000	48,000	60,000	78,000	100,000	120,000	150,000
	Air Flowrate	cfm	1,600	2,000	1,600	2,000	2,600	3,200	4,000	5,000
<b>Outdoor Unit</b>										
Power supply		V/Ph/Hz	380 / 3 / 50							
RLA	Amp		8.0	9.4	9.6	11.3	13.3	17.5	22.0	28.5
Dimension	Width	mm	905	905	800	800	900	900	1,040	1,050
	Height	mm	1,210	1,210	690	690	845	845	1,050	1,150
	Depth	mm	335	335	725	725	915	915	1,192	1,294
Weight	kg		98	100	103	120	195	225	260	295
Pipe Connection	Liquid pipe connection	inch	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	5/8"
	Suction pipe connection	inch	7/8"	7/8"	7/8"	7/8"	7/8"	1-1/8"	1-1/8"	1-1/8"
<b>Indoor Unit</b>										
Power Supply		V/Ph/Hz	220 / 1 / 50							
Cooling Coil	Coil Arrangement	row/fpi	3/14	3/14	3/14	3/14	3/14	3/14	3/14	3/14
	Coil Face Area	sq.ft	3.33	4.11	3.33	4.11	5.22	6.67	8.25	10.08
	Tube / Fin Material		Cu / Al	Cu / Al	Cu / Al	Cu / Al	Cu / Al	Cu / Al	Cu / Al	Cu / Al
Fan	Fan size	inch	10" x 10"	10" x 10"	10" x 10"	10" x 10"	10" x 10"	10" x 10"	10" x 10"	12" x 12"
	Fan Q'ty		1	1	1	1	2	2	2	2
Motor	Motor Current (RLA)	Amp	2.11	4.05	2.11	4.05	2 x 2.11	2 x 2.11	2 x 4.05	2 x 4.03
	Motor speed	rpm	890/780/620	945/890/800	890/780/620	945/890/800	890/780/620	890/780/620	945/890/800	790/730/650
	Type		Permanent split capacitor with internal thermal overload							
Air Filter	Type		Synthetic							
	Size		395 x 960	395 x 1,138	395 x 960	395 x 1,138	395 x 1,395	465 x 1,395	524 x 1,578	524 x 1,878
Dimension	Width	mm	1,040	1,220	1,040	1,220	1,480	1,480	1,660	1,960
	Height	mm	460	460	460	460	460	530	590	590
	Depth	mm	675	675	675	675	675	675	675	780
Weight	kg		70	75	70	75	110	115	125	140
Insulation	Type		PE Foam							
	Thermal Conductivity		0.032 w/m.K							
	Thickness	mm	10							
Pipe Connection	Liquid pipe connection	inch	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	5/8"
	Suction pipe connection	inch	7/8"	7/8"	7/8"	7/8"	7/8"	1-1/8"	1-1/8"	1-1/8"
	Condensate Drain connection	inch	1/2" MPT	1/2" MPT	1/2" MPT	1/2" MPT	1/2" MPT	1/2" MPT	1/2" MPT	1/2" MPT

Remark : \* Shown capacity based on : Ent. Air temp 80Fdb/67Fwb, Max air flowrate.  
MPT = Male Pipe Thread

Compatible with ▶



◀ 38RLU (048-060) Condensing Unit



◀ 38LHU (048-150) Condensing Unit

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