



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

Direct Expansion Fan Coil Unit

48,000 - 200,000 BTU/H



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40LAU Series



▲ 40LAU Series (Size : 004/006)



▲ 40LAU Series (Size : 008/ 010/ 012/ 015/ 020)

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 - quiet 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						
			048S301	060S301	048S301	060S301	078S301	100S301	120S301	150S301	200S301
		Indoor Unit	40LAU-X								
			004	006	004	006	008	010	012	015	020
Nominal Capacity	Cooling Capacity *	btu/h	48,000	60,000	48,000	60,000	78,000	100,000	120,000	150,000	200,000
	Air Flowrate	cfm	1,600	2,000	1,600	2,000	2,600	3,200	4,000	5,000	6,000
Outdoor Unit											
Power supply		V/Ph/Hz	380 / 3 / 50								
RLA		Amp	9.22	10.47	9.87	11.07	13.40	18.55	21.81	28.31	32.64
Dimension	Width	mm	905	905	800	800	900	900	1,040	1,050	1,050
	Height	mm	1,210	1,210	690	690	845	845	1,050	1,150	1,150
	Depth	mm	335	335	725	725	915	915	1,192	1,294	1,294
Net Weight		kg	110	100	86	98	128	151	200	210	260
Pipe Connection	Liquid pipe connection	inch	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	5/8"	7/8"
	Suction pipe connection	inch	7/8"	7/8"	7/8"	7/8"	7/8"	1-1/8"	1-1/8"	1-1/8"	1-3/8"
Indoor Unit											
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	3/14
	Coil Face Area	sq.ft	3.33	4.11	3.33	4.11	5.22	6.67	8.25	10.08	12.18
Fan	Tube / Fin Material		Cu / Al	Cu / Al	Cu / Al	Cu / Al	Cu / Al	Cu / Al	Cu / Al	Cu / Al	Cu / Al
	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"	12" x 12"
Motor	Fan Q'ty		1	1	1	1	2	2	2	2	2
	Motor Current (RLA)	Amp	2.26	3.78	2.26	3.78	2 x 2.26	2 x 2.26	2 x 3.78	2 x 4.03	2 x 6.73
Air Filter	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	880/770/670
	Type		Permanent split capacitor with internal thermal overload								
Dimension	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	620 x 1,878
Net Weight	Width	mm	1,040	1,220	1,040	1,220	1,480	1,480	1,660	1,960	1,960
	Height	mm	460	460	470	470	470	535	595	595	690
	Depth	mm	675	675	675	675	675	675	675	780	780
Insulation		kg	68	73	68	73	108	113	123	138	173
Pipe Connection	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"	7/8"
	Suction pipe connection	inch	7/8"	7/8"	7/8"	7/8"	7/8"	1-1/8"	1-1/8"	1-1/8"	1-3/8"
	Condensate Drain connec	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	1/2" MPT

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

Compatible with ▶



◀ 38LHU (048-020)
Condensing Unit



◀ 38RLU (048-060)
Condensing Unit

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