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

Direct Expansion Fan Coil Unit

48,000 - 200,000 BTU/H





Green Industry 3

R-410a

Made in Thailand

www.carrier.co.th

40LAU Series



▲ **40LAU Series** (Size : 004/006)



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

Option

ชุดกล่องและแผงควบคุมพร้อมติดตั้งสำหรับเครื่องปรับอากาศ พร้อมสาย 4เมตร

ไม่เกิน 60,000 BTUH (1 Motor) 78,000 - 150,000 BTUH (2 Motor)



CARR-INTM9BOX1M



CARR-INTM9BOX2M



CARR-INTDT09



CARR-INTDT09WiFi

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						
			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	8.00	9.40	9.30	10.80	12.80	16.70	21.20	27.50	32.40
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
Weight		kg	98	100	103	120	195	225	260	295	335
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
	Tube / Fin Material		Cu / Al	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"	12" x 12"
	Fan Q'ty		1	1	1	1	2	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	2 x 6.73
	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								
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	620 x 1,878
Dimension	Width	mm	1,040	1,220	1,040	1,220	1,480	1,480	1,660	1,960	1,960
	Height	mm	460	460	460	460	460	530	590	590	690
	Depth	mm	675	675	675	675	675	675	675	780	780
Weight		kg	70	75	70	75	110	115	125	140	175
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"	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 connectio	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 Threat

Compatible with ▸



◂ 38RLU (048-060) Condensing Unit



◂ 38LHU (048-020) Condensing Unit



บริษัท แคเรียร์ (ประเทศไทย) จำกัด
1858/63-74 ชั้น 14, 15
ถ.เทพรัตน กม. 4.5 แขวงบางนาใต้
เขตบางนา กรุงเทพฯ 10260
โทร. 0-2090-9999 แฟกซ์: 0-2751-4778

Carrier (Thailand) Ltd.
1858/63-74 , 14th, 15th Floor,
Debaratna Road, Km.4.5, Bangna Tai,
Bangna Bangkok 10260 Thailand
Tel. 0-2090-9999 Fax: 0-2751-4778

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