



40LAS-X Series

Direct Expansion Fan Coil Unit

48,000-150,000 BTU



World's No. 1 Air Conditioning Expert

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40LAS-X Series



▲ 40LAS-X Series (Size : 004/006)



▲ 40LAS-X Series (Size : 007/009/012/015)

The New, Versatile & Energy Efficient 40LAS-X Direct Expansion Fan Coil Unit.

The Carrier 40LAS-X 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. 40LAS-X 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.

Specifications

Model		Packaged Direct Expansion Fan Coil Unit									
		Outdoor Unit		38RGT				38LB-SC			
		Indoor Unit		048S130	060S130	048	060	007	009	012	015
		40LAS-X									
				004	006	004	006	007	009	012	015
Norminal Capacity	Cooling Capacity *	btu/h		48,000	60,000	48,000	60,000	78,000	98,000	120,000	150,000
	Air Flowrate	cfm		1,600	2,000	1,600	2,000	2,600	3,200	4,000	5,000
Power input		kw		4.662	5.850	4.639	5.879	7.054	10.254	12.535	16.325
Outdoor Unit (38RGT, 38LB Series)											
Power Supply		V/Ph/Hz	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
	RLA	Amp.	7.6	9.5	8.37	9.87	12.25	17.55	22.8	30.7	
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	Outdoor Unit	kg	96	100	97	100	192	192	245	294	
Pipe Connection	Liquid pipe connection	inch	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	5/8"	5/8"	
	Suction pipe connection	inch	7/8"	7/8"	7/8"	7/8"	1-1/8"	1-1/8"	1-1/8"	1-3/8"	
Indoor Unit (40LAS-X Series)											
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	
	Coil / Fin Material		Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	Cu/Al	
Power Supply		V/Ph/Hz	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	220/1/50	
Fan	Fan Size	inch	10"x10"	10"x10"	10"x10"	10"x10"	10"x10"	10"x10"	10"x10"	12"x12"	
	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	
Air Filter	Type		Permanent split capacitor with internal thermal overload								
	Size	mm	Synthetic								
	Thickness	mm	10								
Dimension	Width	mm	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	
	Height	mm	460	460	460	460	460	530	590	590	
	Depth	mm	675	675	675	675	675	675	675	780	
Weight	Indoor Unit	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"	5/8"	5/8"	
	Suction pipe connection	inch	7/8"	7/8"	7/8"	7/8"	1-1/8"	1-1/8"	1-1/8"	1-3/8"	
	Condensate drain dia.	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 Threat

Compatible with ▶



◀ 38RGT (048-060)
Condensing Unit



◀ 38LB (048-015)
Condensing Unit

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