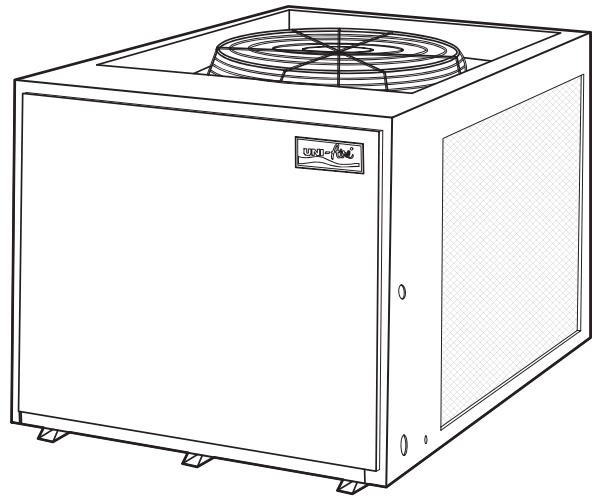


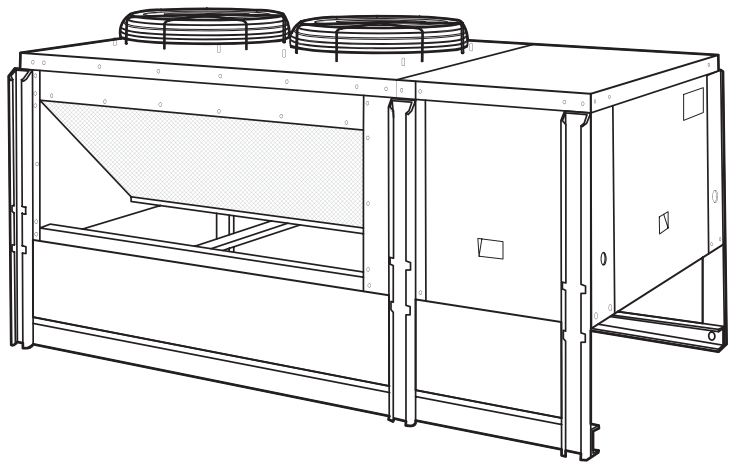
MODEL LACU

**007 TO 040
50 Hz.**

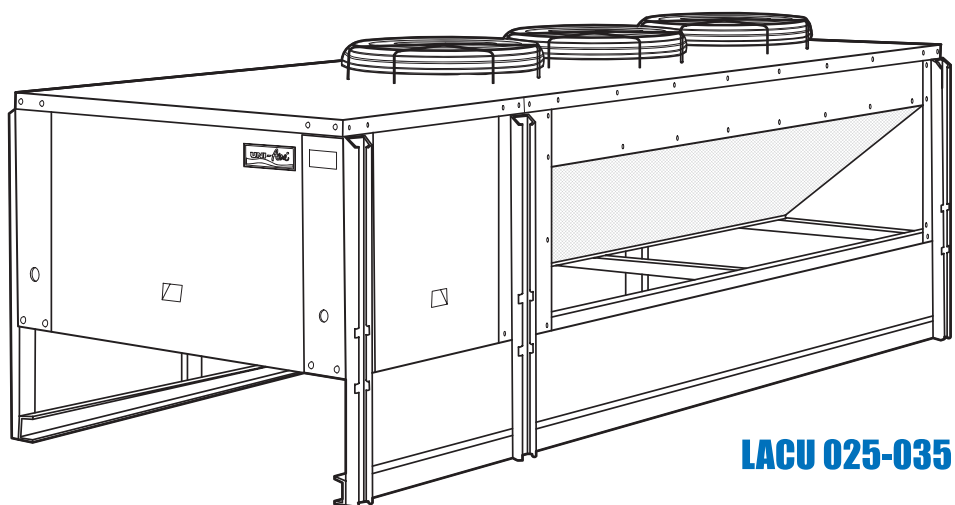
**AIR-COOLED
CONDENSING UNITS
FOR COMMERCIAL AND
INDUSTRIAL AIR CONDITIONING
CAPACITY FROM 80,000 TO
400,800 BTUH**



LACU 007-009



LACU 010-020



LACU 025-035



Air Conditioning Experts

PHYSICAL DATA

MODEL - LACU	007	009	010	012	015	020	025	030	035	040
NOMINAL CAPACITY* MBH[▲]	80.0	90.3	115.0	124.2	154.4	200.1	250.4	300.0	350.5	400.8
Power Consumtion. (Watt.)	7.39	8.67	10.19	12.04	16.01	20.80	27.00	31.13	35.70	42.88
POWER SOURCE	380 V / 3 PH / 50 Hz									
COMPRESSOR (Type)	Hermetic (Scroll)				Semi - Hermetic					
CONDENSOR COIL	Aluminium Corrugated Fin With Pain Copper Tube									
Face Area (Sq...Ft.)	12.44	12.44	17.36	17.36	21.53	28.33	35.83	50.55	50.55	65.00
Row....Fin/in	3....14									
Tube Size (in)	3/8	3/8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
CONDENSOR FAN	Propeller Fan : Vertical Discharge : Direct Drive									
Number	1	1	2	2	2	2	3	3	3	4
Each Motor (HP)	3/4	3/4	1/3	1/3	3/4	1	3/4	1	1	1
RPM.	900									
Air Quantily (CFM.)	7,000	8,000	10,000	10,000	14,000	20,000	21,000	30,000	30,000	40,000
REFRIGERANT	R - 22									
Charge	Holding									
CONNECTION										
Suction (in)	1-1/8	1-1/8	1-3/8	1-3/8	1-3/8	1-5/8	1-5/8	2-1/8	2-1/8	2-1/8
Liquid (in)	5/8	5/8	5/8	5/8	5/8	7/8	7/8	7/8	7/8	7/8
WEIGHT (kgs)	281	294	426	430	535	747	897	983	1015	1214

* Nominal Capacity Based on 45°F Suction Temp. and 95°F Ambient Temp.

▲ MBH = 1,000 Btuh

DIMENSIONAL DATA

MODEL-LACU	007	009	010	012	015	020	025	030	035	040
DIMENSIONAL (mm.)										
Length A	1114	1114	2083	2083	2388	2794	3251	3861	3861	3912
Width B	1016	1016	1118	1118	1118	1372	1372	1372	1372	2057
C	-	-	1194	1194	1194	1448	1448	1448	1448	2159
Height D	814	814	965	965	965	1067	1067	1219	1219	1524
I	-	-	102	102	102	140	140	152	152	191
J	-	-	203	203	203	279	279	305	305	381
K	-	-	64	64	70	70	76	83	83	83
L	-	-	102	102	102	102	114	127	127	127
Suction opening M	51	51	57	57	64	64	70	76	76	76
Liquid opening N	25	25	25	25	32	32	32	35	35	38

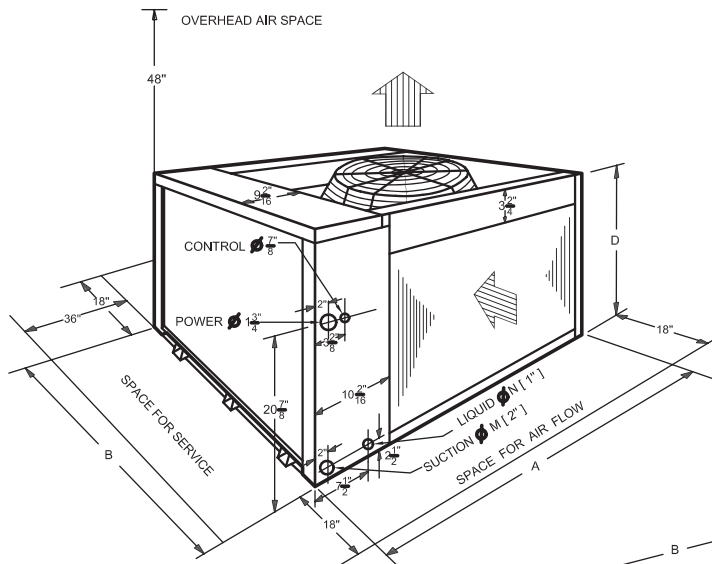
ELECTRICAL DATA

MODEL-LACU	007	009	010	012	015	020	025	030	035	040
COMPRESSOR										
Voltage/Phase/Hz.	380 / 3 / 50									
Power Input (kW)	6.54	7.82	8.95	10.80	14.31	18.34	24.45	27.44	33.24	33.24
FLA. (Amp.)	12.100	14.3	20.70	22.90	28.60	33.30	44.90	48.70	60.10	67.90
LRA. (Amp.)	91.1	96.5	104	135	120	104	134	162	183	207
FAN MOTOR (Each)	1	1	2	2	2	2	3	3	3	4
Power Input (kW)	0.85	0.85	0.62	0.62	0.85	1.23	0.85	1.23	1.23	1.23
Voltage/Phase/Hz.	380/3/50		220/1/50		380/3/50					
FLA. (Amp.)	1.8		0.98		1.8	2.3	1.8	2.3		

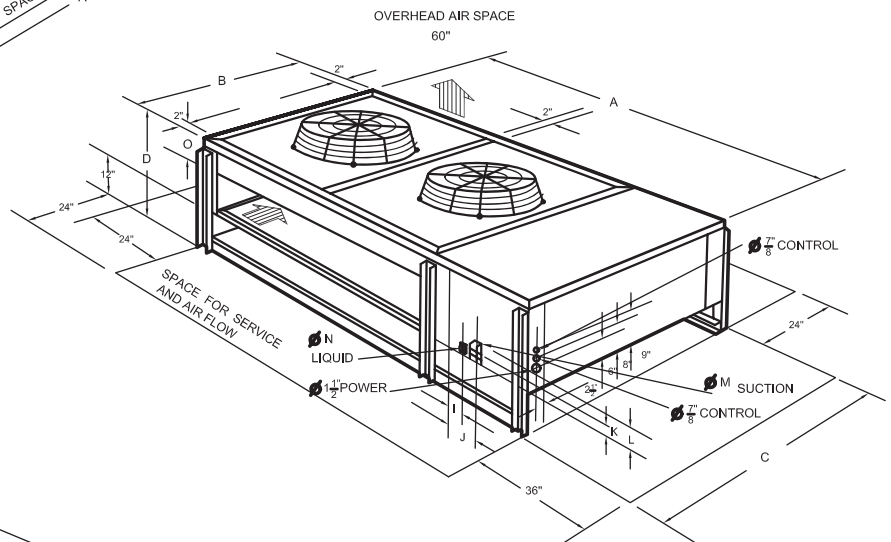
Note : FLA = Full Load Amp.

LRA = Locked Rotor Amp.

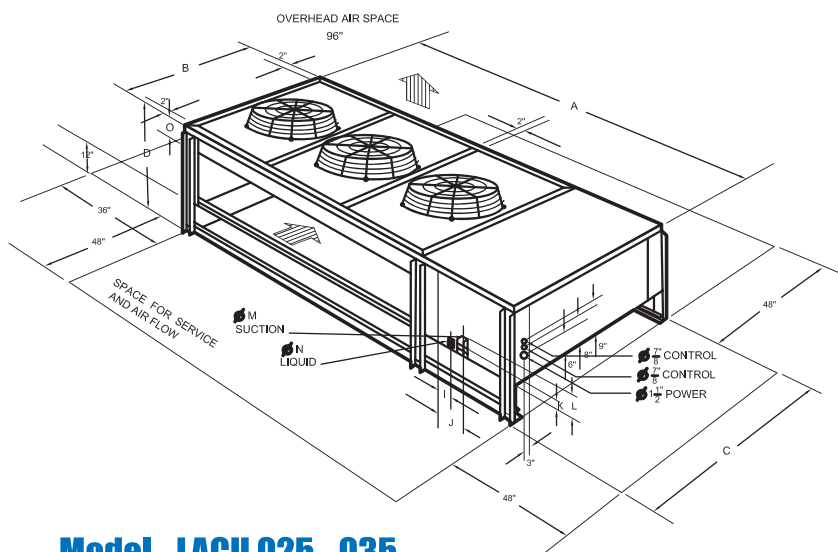
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



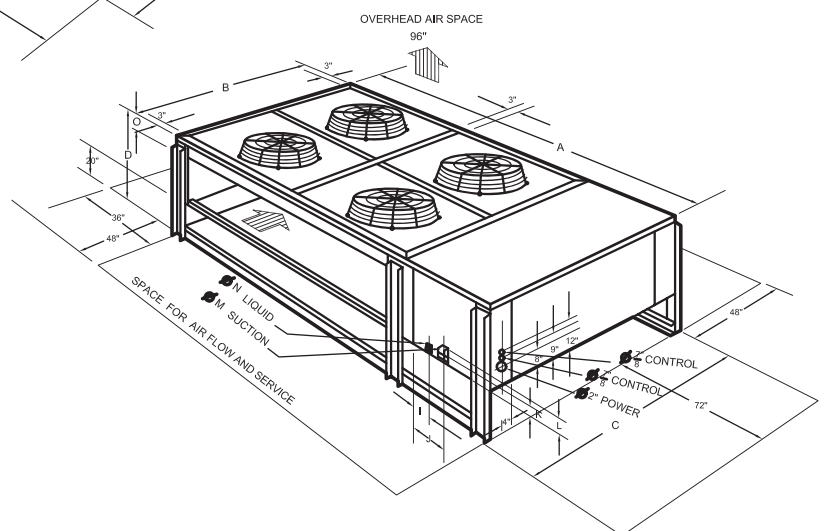
Model - LACU 007 - 009



Model - LACU 010 - 020



Model - LACU 025 - 035



Model - LACU 040

UNIT AIR COOLED		TEMP AIR ENTERING CONDENSER (F°)														
MODEL LACU	SST (F°)	85			90			95			100			105		
		Cap.	SCT	KW	Cap.	SCT	KW	Cap.	SCT	KW	Cap.	SCT	KW	Cap.	SCT	KW
007	30	63.0	109.7	5.4	61.2	114.8	5.8	59.3	119.8	6.1	57.5	124.8	6.4	55.6	129.6	6.8
	35	69.6	111.8	5.6	67.8	116.8	5.9	66.0	121.8	6.2	63.7	126.6	6.5	61.9	131.5	6.9
	40	76.6	113.6	5.7	74.8	118.7	6.0	72.6	123.5	6.3	70.4	128.5	6.7	68.2	133.3	7.1
	45	84.4	115.7	5.8	82.2	120.5	6.1	80.0	125.5	6.4	77.8	130.4	6.8	75.2	135.2	7.2
	50	92.9	117.7	5.9	90.3	122.7	6.2	88.1	127.6	6.5	85.1	132.4	6.9	82.5	137.0	7.3
009	30	71.3	111.6	6.3	69.2	116.9	6.7	67.1	122.0	7.1	65.4	127.0	7.6	63.3	131.8	8.0
	35	79.1	114.0	6.5	77.0	119.0	6.9	74.5	123.8	7.3	72.4	128.8	7.7	69.9	133.6	8.1
	40	87.2	116.0	6.6	84.7	120.8	7.0	82.2	125.8	7.4	79.4	130.7	7.8	77.0	135.5	8.3
	45	95.6	118.1	6.8	93.1	123.1	7.1	90.3	127.9	7.5	87.5	132.7	8.0	84.7	137.5	8.4
	50	104.7	120.1	6.9	101.9	125.1	7.2	99.1	129.7	7.7	95.9	134.7	8.1	93.1	139.2	8.6
010	30	91.0	107.0	7.6	88.3	111.9	8.1	84.8	116.8	8.6	83.3	121.7	9.0	80.6	126.6	9.6
	35	100.5	108.6	7.8	97.8	113.5	8.3	95.2	118.4	8.7	92.1	123.3	9.2	89.4	128.1	9.8
	40	110.8	110.5	8.0	107.8	115.4	8.4	104.7	120.3	8.9	101.7	125.0	9.4	98.6	129.7	10.0
	45	121.5	112.5	8.1	118.5	117.2	8.6	115.0	122.1	9.1	111.6	126.8	9.6	108.1	131.5	10.2
	50	133.0	114.4	8.3	129.5	119.2	8.7	126.1	123.9	9.2	122.3	128.8	9.8	118.5	133.3	10.3
012	30	98.4	107.5	33.9	95.0	112.3	35.5	91.4	117.1	37.0	88.5	121.9	38.5	85.6	126.6	40.0
	35	109.0	109.5	35.3	99.3	114.1	36.9	101.8	118.9	38.6	98.3	123.7	40.0	95.2	128.3	41.5
	40	120.3	111.5	36.6	116.5	116.1	38.3	112.6	120.9	40.0	108.8	125.5	41.4	105.3	130.1	42.8
	45	132.6	113.5	37.8	128.5	118.2	39.7	124.2	123.0	41.3	120.1	127.6	42.8	116.2	132.1	44.2
	50	145.5	115.7	39.0	141.1	120.3	41.0	136.8	124.9	42.5	132.2	129.6	44.3	128.0	134.0	45.9
015	30	122.6	109.6	13.9	117.9	114.3	14.4	113.6	119.0	14.9	108.9	123.9	15.4	105.2	128.5	15.7
	35	136.0	112.0	14.6	117.9	116.3	15.1	125.9	121.2	15.7	121.2	125.9	16.1	117.2	130.5	16.5
	40	150.1	114.2	15.2	145.0	118.5	15.8	139.6	123.4	16.5	134.5	127.9	16.8	129.8	132.5	17.2
	45	166.0	116.3	15.8	160.2	121.0	16.6	154.4	125.8	17.1	149.0	130.3	17.5	143.9	134.6	17.8
	50	182.6	118.7	16.4	176.5	123.2	17.2	170.7	127.7	17.7	164.6	132.3	18.2	159.1	136.6	18.7
020	30	156.1	108.7	16.7	149.7	113.8	17.2	143.0	118.6	17.7	136.3	123.3	18.2	129.9	128.0	18.6
	35	174.9	111.0	17.5	167.8	115.6	18.1	161.1	120.5	18.7	154.0	125.2	19.3	146.9	129.9	19.8
	40	194.8	112.8	18.3	187.4	117.7	19.0	179.9	122.4	19.7	172.5	127.3	20.4	164.6	131.7	20.9
	45	216.1	115.1	19.1	207.9	119.8	19.9	200.1	124.6	20.7	191.6	129.3	21.4	183.8	133.8	22.0
	50	237.0	117.1	19.8	228.5	121.8	20.6	220.0	126.5	21.5	211.5	131.4	22.2	203.3	135.9	22.9
025	30	197.9	107.8	22.3	189.4	112.5	23.0	181.2	117.1	23.6	173.3	121.6	24.3	166.2	126.1	24.8
	35	220.8	110.1	23.5	211.9	114.6	24.2	202.7	119.1	25.0	194.1	123.8	25.7	186.3	128.1	26.4
	40	245.3	112.3	24.6	235.4	116.8	25.5	225.5	121.3	26.3	216.3	126.0	27.1	207.8	130.3	27.9
	45	271.9	114.6	25.8	261.0	119.1	26.8	250.4	123.6	27.7	240.9	128.1	28.5	231.0	132.4	29.4
	50	299.6	116.8	26.9	288.0	121.3	28.0	277.1	125.8	29.0	266.1	130.3	29.9	255.6	134.8	30.9
030	30	237.3	107.9	21.4	228.7	112.8	22.0	239.8	119.3	23.6	211.1	122.9	23.3	203.2	127.4	23.9
	35	263.4	109.6	22.2	254.5	114.5	23.0	245.2	119.5	23.8	235.8	124.4	24.6	226.9	129.1	25.3
	40	291.4	111.3	23.1	281.4	116.2	24.0	271.7	121.2	24.9	261.7	126.1	25.7	252.0	130.8	26.5
	45	321.5	113.0	23.9	310.8	118.0	24.9	300.0	122.9	25.9	289.6	128.0	26.9	279.2	132.5	27.6
	50	353.4	115.1	24.6	341.6	119.8	25.7	330.1	124.8	26.8	318.3	129.7	27.8	307.2	134.2	28.7
035	30	263.7	103.0	86.0	254.7	107.8	88.9	254.7	113.3	93.4	235.9	117.4	95.0	227.4	121.9	97.7
	35	292.2	104.7	89.9	282.7	109.4	93.2	273.0	114.2	96.5	263.2	118.9	99.9	253.9	123.4	102.9
	40	322.3	106.3	93.4	311.9	111.0	97.1	301.8	115.8	100.7	291.6	120.5	104.4	281.5	125.0	107.4
	45	354.7	108.0	96.8	342.9	112.7	100.7	333.2	117.4	104.7	322.3	122.3	108.6	311.0	126.6	111.8
	50	389.3	109.9	100.0	377.5	114.4	104.2	365.9	119.2	108.3	353.7	123.9	112.4	341.4	128.3	116.3
040	30	317.5	108.7	31.6	307.0	113.8	32.8	295.9	118.9	34.0	285.1	124.0	35.2	275.1	129.0	36.3
	35	351.2	110.6	33.2	340.1	115.5	34.4	328.9	120.6	35.7	317.8	125.6	37.0	307.0	130.5	38.2
	40	386.4	112.3	34.5	374.6	117.2	35.9	363.1	122.3	37.2	351.6	127.3	38.6	340.1	132.0	39.7
	45	424.5	114.0	35.8	410.5	119.1	37.2	400.8	124.0	38.6	388.2	129.2	40.0	374.9	133.7	41.3
	50	465.4	115.9	37.0	452.5	120.8	38.5	439.6	125.9	40.0	425.5	130.9	41.5	410.8	135.6	43.0

SST = Saturated Suction Temp.

Cap = Capacity MBH (1,000 Btu/h)

SCT = Saturated Condensing Temp.

KW = Compressor Motor Power Input at Rated Voltage

Note :

1. Assume 15°F Subcooling when selecting TXV.

2. Interpolation is permissible. Do not extrapolate

Specifications are subjected to change without notice for improvement.

UNI-Aire®
Air Conditioning Experts



UNIAIRE CORPORATION CO., LTD.

69 Moo 3 Kingkaew Rd.,Bangplee,Samutprakarn 10540 THAILAND Tel.+662-312-4500 Fax.+662-312-4277

http://www.uni-aire.com E-mail: export@uni-aire.com, localsale@uni-aire.com