



Airconditioning Units

HI AMBIENT



- Wall Mounted
- Window
- Cassette
- Ducted Split
- Ceiling Mounted
- Free Stand

R410a  CB

1895

TWO INVENTORS, Ernest Bryant and Ezra Smith, hire Dave Lennox to make parts for their furnace.

Unable to pay Lennox, they instead give him their patents.



1904

D.W. Norris, along with other investors, purchases the **LENNOX FURNACE COMPANY** and incorporates the business. **The company begins selling direct to installing contractors**, the same one-step distribution model that's used today.

1943

LENNOX retools its factories to support the **World War II** effort, making parts for airplanes and bombs.



1977

LENNOX Research Lab moves to Carrollton, Texas.

1978

LENNOX Corporate HQ relocates to Dallas, Texas.

1988

LENNOX acquires Armstrong Air Conditioning Inc. in Bellevue, Ohio.



1990

LENNOX moves into its new **World Headquarters** in Richardson, Texas.

1999

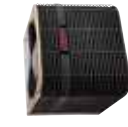
LENNOX International completes an Initial **Public Offering of stock**, becoming a public company on July 28.

1999



2002

LENNOX International launches its new corporate logo to reflect worldwide growth.



2015

LENNOX introduces the **iComfort® S30** ultra smart thermostat, with features like **Smart Away™** mode, **Allergen Defender** and **Amazon® Alexa** compatibility.



2016

Bob Tibbets retires after 30 years of appearing as "**Dave Lennox**".



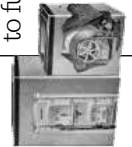
1895

THE TORRID ZONE sheet metal furnace was introduced, making obsolete the old cast-iron furnace models that were prone to failure.



1935

Under the direction of John Norris Sr., **LENNOX R&D** develops and adds blowers to furnaces, creating the **first gas forced-air furnaces**, and the first smooth enameled furnace cabinets.



1964

THE DURACURVE heat exchanger is developed and launched, substantially reducing noise in gas furnaces.



1972

FIRST 2-speed hermetic compressor is produced.



1982

LENNOX introduces the revolutionary **Pulse combustion gas furnace**, delivering efficiency levels never reached before. Today's high-efficiency furnace category is born.



2003

HSX19: LENNOX launches the **HSX19**—the quietest, most efficient air conditioner on the market.



2005

XC21: LENNOX introduces the **first 20+ SEER** air conditioner—the quietest and most efficient two-stage central air conditioner you can buy.



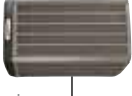
2010

LENNOX introduces the **iComfort® smart thermostat**.



2013

XC25: The **first 20+ SEER** air conditioner is introduced—the most precise and efficient air conditioner you can buy.



2013

Ultimate Comfort System™: LENNOX launches the most advanced, most efficient, most capable heating and air-conditioning system ever created.

2006

LENNOX Industries reveals refinements to historic brand logo design.



2002

LENNOX International launches its new corporate logo to reflect worldwide growth.



1995

LENNOX celebrates its centennial with then-Governor **George Bush** delivering the keynote and 12-year-old **Leann Rimes** singing the U.S. and Canadian national anthems.

1986

St. Louis-based actor Bob Tibbets succeeds the retiring **Bill Tracy** as "**Dave Lennox**."



1972

"**Dave Lennox**" appears in his first **LENNOX** advertising campaign (L.A. actor **Bill Tracy** stars in the role).



1952

LENNOX changes name from **Lennox Furnace Company** to **Lennox Industries Inc.** to reflect its national marketing presence.

1950

Lennie Lennox is introduced at the annual dealer meeting to speak for **LENNOX** (in the time of Speedy Alka Seltzer & Ready Kilowatt).



LENNOX THROUGH THE AGES

- Heritage
- Innovation
- Marketing & Advertising

Airconditioning Split Units

HI AMBIENT

INDOOR UNITS



OUTDOOR UNITS





FEATURES

SMART AIR FLOW

- + In Cooling mode, provide shower style Cooling
- + In Heating mode, provide Blanket style Heating

SAFETY DESIGN

- + No Connection Between Condensate Water & Electricity
- + Fireproof Electric Control Box
- + BMC material is applied which creates high heat resistance erosion resistance

LONG LIFETIME

- + High Reliability Compressor
- + High Reliability Motor

COMFORT

- + Super Quiet Indoor Unit Design
- + Super Quiet Outydoor Unit Design

QUICK COOLING / HEATING

- + Cooling or heating the room rapidly

QUICK INSTALLATION

- + More convenient and costs less.
- + Maximum Ambient Temperature -55°C

SUPER QUIET DESIGN

- + Big compressor together with the greatest heat exchange system



18k-24k



30k



18k-30k

Specification Charts LXA series (Wall Mounted)

Model Number			System	LXAHWS-018R0T3C	LXAHWS-024R0T3C	LXAHWS-030R0T3C	LXAHWS-036R0T3C	
			Indoor	LXAHWI-018R0T3C	LXAHWI-024R0T3C	LXAHWI-030R0T3C	LXAHWI-036R0T3C	
			Outdoor	LXAHWO-018R0T3C	LXAHWO-024R0T3C	LXAHWO-030R0T3C	LXAHWO-036R0T3C	
Nameplate Parameters	Rated Capacity	Cooling T1	BTU	18000	22000	27000	30000	
		Cooling T3	BTU	15355	18630	23200	25000	
		Dehumidifying	Kg/h	1.5	1.8	2.6	2.8	
	Rated Power Consumption	Cooling T1	W	1530	1860	2280	2600	
		Cooling T3	W	1820	2200	2700	3000	
	Rated Running Current	Cooling T1	A	6.8	8.5	10.5	12	
		Cooling T3	A	8.1	9.8	12.2	13.5	
	Max. Input Power		W	2500	3000	3600	3600	
	Max. Input Current		A	14	16	18	17.5	
	EER Cooling T1		BTU/W	11.765	11.828	11.842	11.5	
	EER Cooling T3		BTU/W	8.437	8.468	8.593	8.32528	
	Power supply source		V/Ph/Hz	220~240V-1-50Hz	220~240V-1-50Hz	220-240V/50HZ	220-240V/50Hz	
	Refrigerant			R410A	R410A	R410A	R410A	
	Refrigerant Charged		G	1200	1550	1900	2200	
	Max. Discharge Pressure		Mpa	4.3	4.3	4.3	4.3	
	Max. Suction Pressure		Mpa	1.15	1.15	1.15	1.15	
	Air Flow Volume		M ³ /H	1100	1300	1600	1650	
	Noise level		Db (A)	47	49	51	52	
Noise level		Db (A)	56	57	58	60		
Indoor unit weight (Net)		Kg	12	15	18	18		
Outdoor unit weight (Net)		Kg	43	51	60.5	66		
Indoor Unit Configuration	Evaporator	Tube	Length	MM	722	850	987	987
			Diameter	MM	7	7	7	7
	Fan system	Fan motor	Model	Pcs	D-310-30-8	D-310-50-8A	D-310-50-8A 310VDC/1330	D-310-50
			Dimension	Net Dimension (WxDxH)	MM	970×315×235	1100×330×235	1250×360×253
		Packing Dimension (WxDxH)	MM	1047×385×317	1180×400×317	1340×445×355	1340×445×355	
Connection	Stop Valve	Liquid Valve		Dg4	Dg4	Dg4	Dg4	
		Gas Valve		Dg10-I	DG13	DG13	DG13	
Outdoor Unit Configuration	Compressor Model			ASL193MV-C7EU	ASH232MV-C7EU1	ASG280V1SMP	ATH325MV-C9EU	
	Compressor Parameter	Brand		Highly	Highly	GMCC	Highly	
		Fan system	Fan motor	Model	YDK69-6B	YDK86-6B	YDK70-6B	D-90-8
	Condenser	Tube	Length	MM	791	886	981/951	985
			Diameter	MM	7	7	7.94	7.94
	Cutting device	Type of interceptor			Stop valve assembly	Stop valve assembly	Capillary	Stop valve assembly
Dimension	Net Dimension (WxDxH)		MM	825×655×310	900×700×350	975×803×390	975×803×390	
	Packing Dimension (WxDxH)		MM	945×435×725	1020×770×430	1105×890×495	1105×890×495	
Container Loading 40HC			Set	165	135	95	95	

*Tested at conditions included in AHRI standard;35°C outdoor air temperature and 27°C DB /19°C WB entering evaporator air,

*Rated at 46°C outdoor air temperature and 27°C DB/19°C WB entering evaporator air (T3 Conditions)

*Actual noise level may differ, depending on the room structure, etc, since these noise values are from an anechoic room.

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FEATURES

AUTO RESTART

+ After being turned off or in case of an accidental power cut, the air conditioners are able to retain and restore the temperature.

SELF DIAGNOSIS

+ The air conditioner can correctly display the error codes of technical problem



Specification Charts LXT series (Window Unit)

Model Number		System	LXTWRS-018R0T3C	LXTWRS-024R0T3C
		Indoor	LXTWRS-018R0T3C	LXTWRS-024R0T3C
		Outdoor	LXTWRS-018R0T3C	LXTWRS-024R0T3C
Cooling (T1)	Capacity	Btu/h	17486	21331
	Capacity	W	5124.6	6251.5
	Power Input	W	1638	2172
	Current	A	7.3	10.1
	EER	Btu/h/W	10.68	9.82
		W/W	3.13	2.88
	Max power Input	W	2500	3300
	Max current	A	13.0	14.4
Cooling (T3)	Capacity	Btu/h	14200	17000
	Capacity	W	4161.6	4982.2
	Power Input	W	2030	2430
	Current	A	8.6	11.2
	EER	Btu/h/W	7.00	7.00
		W/W	2.05	2.05
	Max power Input	W	2500	3300
	Max current	A	13.0	14.4
Indoor air flow		m ³ /h	700	700
Indoor noise level		dB(A)	56	56
Outdoor noise level		dB(A)	63	61
Compressor	Model		ASL193MV-C7EU	ASH244MV-C7HU
	Type		Rotary	Rotary
	Brand		HIGHLY	HIGHLY
	Capacity	W	4616	5990
	Rated current (RLA)	A	7.15	9.2
Unit	Dimension (W*D*H)	MM	660×680×430	660×680×430
	Packing (W*D*H)	MM	740×795×468	740×795×468
	Net/Gross weight	Kg	52/56	56/60
Pressure	High (DP)	MPa	4.5	4.5
	Low (SP)	MPa	1.5	1.5
Refrigerant			R410A	R410A
Ambient Temperature		°C	21~52	21~52
Suitable Area		m ²	20~35	23~40
Power Supply Cord			2.5mm ²	2.5mm ²
Power Supply		Ph-V-Hz	1Ph-220V-240V~50Hz	1Ph-220V-240V~50Hz
Qty 40'HQ			220	220

*Tested at conditions included in AHRI standard;35°C outdoor air temperature and 27°C DB /19°C WB entering evaporator air,

*Rated at 46°C outdoor air temperature and 27°C DB/19°C WB entering evaporator air (T3 Conditions)

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FEATURES

NEW DESIGN PANEL

- + Better aesthetic look
- + Digital tube displaying on the display board
- + LED can display the Error Code

ULTRA LOW NOISE

- + Adapting 3D spiral blade design decrease the air supply resistance

360° ROUND AIR FLOW

- + Comfortable and even air supply won't leave a dead angle
- + High Reliability Motor

SUPER SLIM BODY

- + Industry leading slim body (230mm)
- + It can be installed in narrow ceiling

CONTROL

- + Wire control is available especially for hotels offices etc.

THREE MODE FAN SPEED

- + With L/M/H three mode speed setting

BUILT IN DRAINAGE PUMP

- + Condensing water can be lifted up to 1200mm, which is convenient for installation



Specification Charts LXT series (Cassette Unit-Indoor Unit)

Model Number		System	LXTCSS-018R0T3C	LXTCSS-024R0T3C	LXTCSS-030R0T3C
		Indoor	LXTCSI-018R0T3C	LXTCSI-024R0T3C	LXTCSI-030R0T3C
		Outdoor	LXTCSO-018R0T3C	LXTCSO-024R0T3C	LXTCSO-030R0T3C
Cooling(T1)	Capacity	Btu/h	17500	23500	28000
	Capacity	W	5129	6887	8206
	Input	W	1491	1960	2399
	Rated current	A	6.78	8.91	10.91
	EER	(Btu/h)/W	11.74	11.99	11.67
	EER	W/W	3.44	3.51	3.42
Cooling(T3)	Capacity	Btu/h	15200	20500	24500
	Capacity	W	4455	6008	7181
	Input	W	1780	2351	2899
	Rated current	A	8.1	10.7	13.2
	EER	(Btu/h)/W	8.54	8.72	8.45
	EER	W/W	2.50	2.56	2.48
Indoor coil	Number of row		2	2	2
	Fin spacing	mm	1.4	1.4	1.4
	Fin material		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside diameter	mm	φ7	φ7	φ7
	Tube material		Inner groove tube	Inner groove tube	Inner groove tube
	Coil (L x H x W)	mm	1958x168x25.4	1958x168x25.4	1958x252x25.4
	Number of circuit		8	8	8
Indoor fan motor	Brand		Lifeng	Lifeng	Lifeng
	Model		YDK54-6-1	YDK55-6-3	YDK56-6-4
	Input	W	104	166	166
	Running current	A	0.45	0.72	0.72
	Capacitor	uF	2.5	2.5	3.5
	Speed (Hi/Me/Lo)	rpm	500/420/310	690/600/350	700/600/340
Power supply	V/Ph/Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	
Indoor air flow (Hi/Me/Lo)	m ³ /h	1100/950/880	1400/1200/950	1800/1600/1300	
Indoor ESP (Hi)	Pa	/	/	/	
Indoor noise level (Hi/Me/Lo)	dB(A)	43/40/38	46/44/42	50/48/45	
Indoor dimension	Unit (WxHxD)	mm	830*830*230	830*830*230	830*830*300
	Packing (WxHxD)	mm	910*910*255	910*910*255	910*910*325
Indoor weight	Net	kg	25	25	33
	Gross	kg	30	30	38
Refrigerant	Type		R410A	R410A	R410A
Refrigerant pipe	Liquid side	mm	Φ6.35	Φ9.52	Φ9.52
	Gas side	mm	Φ12.7	Φ15.88	Φ15.88
Drainage water pipe diameter	mm	/	/	/	
Operation temperature range	°C	16~30	16~30	16~30	
Operation Control			Remote controller	Remote controller	Remote controller

*Tested at conditions included in AHRI standard;35°C outdoor air temperature and 27°C DB /19°C WB entering evaporator air,

*Rated at 46°C outdoor air temperature and 27°C DB/19°C WB entering evaporator air (T3 Conditions)

*Actual noise level may differ, depending on the room structure, etc, since these noise values are from an anechoic room.

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Specification Charts LXT series (Cassette - Indoor Unit)

Model Number		System	LXTCSS-036S0T3C	LXTCSS-048S0T3C
		Indoor	LXTCSI-036S0T3C	LXTCSI-048S0T3C
		Outdoor	LXTCSO-036S0T3C	LXTCSO-048S0M3C
Cooling(T1)	Capacity	Btu/h	32500	44500
	Capacity	W	9525	13042
	Input	W	2780	3803
	Rated current	A	12.64	10.01
	EER	(Btu/h)/W	11.69	11.70
	EER	W/W	3.43	3.43
Cooling(T3)	Capacity	Btu/h	29500	38300
	Capacity	W	8646	11225
	Input	W	3454	4788
	Rated current	A	15.7	12.6
	EER	(Btu/h)/W	8.54	8.00
	EER	W/W	2.50	2.34
Indoor coil	Number of row		2	3
	Fin spacing	mm	1.4	1.4
	Fin material		Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside diameter	mm	φ7	φ7
	Tube material		Inner groove tube	Inner groove tube
	Coil (L x H x W)	mm	1958x252x25.4	1958x252x38.1
	Number of circuit		8	6
Indoor fan motor	Brand		Lifeng	SHIBAURA
	Model		YDK56-6-4	SIC-72FW-F1100-6
	Input	W	166	160
	Running current	A	0.72	0.70
	Capacitor	uF	3.5	2.5
	Speed (Hi/Me/Lo)	rpm	700/600/340	880/800/720
Power supply	V/Ph/Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	
Indoor air flow (Hi/Me/Lo)	m ³ /h	1800/1600/1300	2150/1950/1750	
Indoor ESP (Hi)	Pa	/	/	
Indoor noise level (Hi/Me/Lo)	dB(A)	50/48/45	52/50/48	
Indoor dimension	Unit (WxHxD)	mm	830*830*300	830*830*300
	Packing (WxHxD)	mm	910*910*325	910*910*325
Indoor weight	Net	kg	33	33
	Gross	kg	38	38
Refrigerant	Type		R410A	R410A
Refrigerant pipe	Liquid side	mm	Φ9.52	Φ9.52
	Gas side	mm	Φ19.05	Φ19.05
Drainage water pipe diameter	mm	/	/	
Operation temperature range	°C	16~30	16~30	
Operation Control		Remote controller	Remote controller	

*Tested at conditions included in AHRI standard;35°C outdoor air temperature and 27°C DB /19°C WB entering evaporator air,

*Rated at 46°C outdoor air temperature and 27°C DB/19°C WB entering evaporator air (T3 Conditions)

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Ducted Split Unit



FEATURES

SUPER SLIM BODY

- + Adopt hidden design, the size is very thin
- + Thickness is 270mm
- + Save more installation space, wider application range

VARIOUS AIR SUPPLY TYPES

- + Air flow organization is reasonable
- + Personalized design construction according to the room different demand causes the room air flow balanced distribution

PERSONALIZED RETURN AIR WAY

- + Standard built air return box
- + Easy to adjust the back air return or down air return based installation requirement

VARIOUS AIR OUTLET STRUCTURE

- + Indoor unit adopts a hidden installation mode
- + Equipped with appropriate air outlets to perfectly combine the air conditioning

LONG LIFETIME

- + High Reliability Compressor
- + High Reliability Motor

EASY MAINTENANCE

- + Filters can be easily removed for cleaning

CONTROLLER

- + Wired Controller
- + Remote Controller

DRAIN WATER PUMP (OPTIONAL)

- + Which convenient for installation and improving drainage efficiency



Specification Charts LXT series (Ducted Split -Indoor Unit)

Model Number		System	LXTDLS-018R0T3C	LXTDLS-024R0T3C	LXTDMS-030R0T3C
		Indoor	LXTDLI-018R0T3C	LXTDLI-024R0T3C	LXTDMI-030R0T3C
		Outdoor	LXTDLO-018R0T3C	LXTDLO-024R0T3C	LXTDMO-030R0T3C
Cooling(T1)	Capacity	Btu/h	17500	23500	28000
	Capacity	W	5129	6887	8206
	Input	W	1491	1960	2399
	Rated current	A	6.78	8.91	10.91
	EER	(Btu/h)/W	11.74	11.99	11.67
	EER	W/W	3.44	3.51	3.42
Cooling(T3)	Capacity	Btu/h	15200	20500	24500
	Capacity	W	4455	6008	7181
	Input	W	1780	2351	2899
	Rated current	A	8.1	10.7	13.2
	EER	(Btu/h)/W	8.54	8.72	8.45
	EER	W/W	2.50	2.56	2.48
Indoor coil	Number of row		4	4	3
	Fin spacing	mm	1.4	1.4	1.4
	Fin material		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside diameter	mm	φ7	φ7	φ7
	Tube material		Inner groove tube	Inner groove tube	Inner groove tube
	Coil (L x H x W)	mm	733x252x50.8	733x252x50.8	1030x378x38.1
	Number of circuit		6	6	9
Indoor fan motor	Brand		Broad-Ocean	Broad-Ocean	LIFENG
	Model		YSK68-4P-5	YSK74-4P-5	YSK170-4P-2
	Input	W	150	208	225
	Running current	A	0.65	0.90	0.98
	Capacitor	uF	5	5	10
	Speed (Hi/Me/Lo)	rpm	910/630/560	1070/910/630	980/690/610
Power supply	V/Ph/Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	
Indoor air flow (Hi/Me/Lo)	m ³ /h	1060/850/730	1350/1200/990	1950/1600/1350	
External Static Pressure	Pa	25	25	37	
Indoor ESP (Hi)	Pa	60	60	80	
Indoor noise level (Hi/Me/Lo)	dB(A)	43/40/38	48/46/44	46/44/42	
Indoor dimension	Unit (WxHxD)	mm	920×610×270	920×610×270	1200×840×300
	Packing (WxHxD)	mm	1115×690×340	1115×690×340	1405×925×390
Indoor weight	Net	kg	26	26	43
	Gross	kg	32	32	51
Refrigerant	Type		R410A	R410A	R410A
Refrigerant pipe	Liquid side	mm	Φ6.35	Φ9.52	Φ9.52
	Gas side	mm	Φ12.7	Φ15.88	Φ15.88
Drainage water pipe diameter	mm	OD25	OD25	OD25	
Operation temperature range	°C	16~30	16~30	16~30	
Operation Control			Remote controller	Remote controller	Remote controller

*Tested at conditions included in AHRI standard;35°C outdoor air temperature and 27°C DB /19°C WB entering evaporator air, minimum external duct static pressure while operating at rated voltage and air volumes.

*Rated at 46°C outdoor air temperature and 27°C DB/19°C WB entering evaporator air (T3 Conditions)

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Specification Charts LXT series (Ducted Split -Indoor Unit)

Model Number		System	LXTDMS-036S0T3C	LXTDHS-048S0T3C	LXTDHS-060S0T3C
		Indoor	LXTDMI-036S0T3C	LXTDHI-048S0T3C	LXTDHI-060S0T3C
		Outdoor	LXTDMO-036S0T3C	LXTDHO-048S0M3C	LXTDHO-060S0M3C
Cooling(T1)	Capacity	Btu/h	34500	48000	53000
	Capacity	W	10111	14068	15533
	Input	W	2880	4000	4589
	Rated current	A	13.09	10.53	12.08
	EER	(Btu/h)/W	11.98	12.00	11.55
	EER	W/W	3.51	3.52	3.39
Cooling(T3)	Capacity	Btu/h	30500	42000	48000
	Capacity	W	8939	12309	14068
	Input	W	3502	4800	5647
	Rated current	A	15.9	12.6	14.9
	EER	(Btu/h)/W	8.71	8.75	8.50
	EER	W/W	2.55	2.56	2.49
Indoor coil	Number of row		4	4	3
	Fin spacing	mm	1.4	1.4	1.5
	Fin material		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside diameter	mm	φ7	φ7	φ9
	Tube material		Inner groove tube	Inner groove tube	Inner groove tube
	Coil (L x H x W)	mm	1030x378x50.8	1030x378x50.8	1055x355.6x57.15
	Number of circuit		9	9	7
Indoor fan motor	Brand		Broad-Ocean	BROAD-OCEAN	LIFENG
	Model		YSK180-4P-5	SIC-101CW-F1180-1	DQ-YSK139-450F-4P3
	Input	W	280	211	400
	Running current	A	1.21	1.0	1.74
	Capacitor	uF	/	/	/
	Speed (Hi/Me/Lo)	rpm	1010/960/730	1270/1050/860	1090/990/930
Power supply	V/Ph/Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	
Indoor air flow (Hi/Me/Lo)	m ³ /h	2160/1870/1550	2600/2410/2150	3100/2750/2420	
External Static Pressure	Pa	37	50	50	
Indoor ESP (Hi)	Pa	100	120	150	
Indoor noise level (Hi/Me/Lo)	dB(A)	47/44/42	50/47/44	53/50/47	
Indoor dimension	Unit (WxHxD)	mm	1200×840×300	1200×840×300	1200×550×380
	Packing (WxHxD)	mm	1405×925×390	1485×675×460	1485×675×460
Indoor weight	Net	kg	45	45	56
	Gross	kg	53	53	62
Refrigerant	Type		R410A	R410A	R410A
Refrigerant pipe	Liquid side	mm	Φ9.52	Φ9.52	Φ9.52
	Gas side	mm	Φ19.05	Φ19.05	Φ19.05
Drainage water pipe diameter	mm	OD25	OD25	OD25	
Operation temperature range	°C	16~30	16~30	16~30	
Operation Control			Remote controller	Remote controller	Remote controller

*Tested at conditions included in AHRI standard;35°C outdoor air temperature and 27°C DB /19°C WB entering evaporator air, minimum external duct static pressure while operating at rated voltage and air volumes.

*Rated at 46°C outdoor air temperature and 27°C DB/19°C WB entering evaporator air (T3 Conditions)

*Actual noise level may differ, depending on the room structure, etc, since these noise values are from an anechoic room.

*Remark: The above design and specification are subject to change without prior notice for product improvement.



FEATURES

COOLING AT HIGH AMBIENT TEMPERATURE

+ Units can run ambient temp upto 55 deg Celsius.

DOUBLE ANTI-CORROSION TECHNOLOGY

+ Housing of outdoor unit is made of galvanized metal then enhance its corrosion resistance through the powder spraying technology which can improve its ability 3 times in coastal regions.

HIGH EFFICIENT OUTDOOR FAN

+ Advanced 3D propeller can enlarge the air volume and reduce the noise level.

ALL AROUND PROTECTION

+ High pressure protection,protecting the unit from high pressure damage under abnormal conditions.

LONG PIPE CONNECTION

+ Length-30m,Height-20m (18k-24k)

+ Length-50m,Height-30m (36k)

+ Length-50m,Height-30m (48k-55k)



48k & 60k



24k-36k



18k

Specification Charts LXT series (Cassette,Ducted Split - Outdoor Unit)

Model Number		Ducted Outdoor	LXTDLO-018R0T3C	LXTDLO-024R0T3C	LXTDMO-030R0T3C
		Cassette Outdoor	LXTCSO-018R0T3C	LXTCSO-024R0T3C	LXTCSO-030R0T3C
Compressor	Brand		HIGHLY	HIGHLY	GMCC
	Model		ASL185MV-C7EU	ASH232MV-C7EU1	PA291X3CS-7MTM
	Type		Rotary	Rotary	Rotary
	Capacity	W	4460	5615	7290
	Input	W	1485	1855	2450
	Rated current(RLA)	A	6.6	8.7	10.8
	Locked rotor Amp(LRA)	A	38	48	58
	Thermal protector		Internal	Internal	Internal
	Capacitor	mF	45	55	60
Refrigerant oil	ml	480	485	950	
Outdoor coil	Number of row		2	2	2.5
	Fin spacing	mm	1.5	1.5	1.5
	Fin material		Unhydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium
	Tube outside diameter	mm	φ7	φ7	φ7
	Tube material		Inner groove tube	Inner groove tube	Inner groove tube
	Coil (L x H x W)	mm	900×611×36.4	977×756×25.4	977×756×38.1
	Number of circuit		5	6	6
Outdoor fan motor	Brand		BROAD-OCEAN	BROAD-OCEAN	BROAD-OCEAN
	Model		GZSDJ-10t	210900509	210900509
	Input	W	158	166	166
	Running current	A	0.68	0.72	0.72
	Capacitor	mF	4	6	6
	Speed	rpm	880	880	880
Outdoor air flow		m ³ /h	2500	4000	4000
Outdoor noise level		dB(A)	55	58	58
Power supply		V/Ph/Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz
Max. input consumption		W	2100	2950	2950
Max. current		A	9.5	14.5	14.5
Starting current		A	42	55	55
Max. Operating Pressure	Discharge	MPa	4.5	4.5	4.5
	Suction	MPa	1.9	1.9	1.9
Outdoor dimension	Unit (WxHxD)	mm	900×650×315	900×805×360	900×805×360
	Packing (WxHxD)	mm	1028×705×430	1030×430×1040	1030×430×1040
Outdoor weight	Net	kg	52	58	68
	Gross	kg	57	64	74
Refrigerant	Type		R410A	R410A	R410A
	Charge	g	1600	1900	2400
Throttle type			Capillary	Capillary	Capillary
Refrigerant pipe	Liquid side	mm	Φ6.35	Φ9.52	Φ9.52
	Gas side	mm	Φ12.7	Φ15.88	Φ15.88
	Max. refrigerant pipe length	m	25	25	30
	Max. difference in level	m	15	15	20
Ambient temperature range	Cooling	°C	16~55	16~55	16~55
	Heating	°C	/	/	/

Specification Charts LXT series (Cassette ,Ducted Split -Outdoor Unit)

Model Number		Ducted Outdoor	LXTDMO-036S0T3C	LXTDHO-048S0M3C	LXTDHO-060S0M3C
		Cassette Outdoor	LXTCSO-036S0T3C	LXTCSO-048S0M3C	-
Compressor	Brand		LG	LG	LG
	Model		ABT034PTA	ABT051YTA	ABT054YT
	Type		Scroll	Scroll	Scroll
	Capacity	W	8206	12456	13100
	Input	W	2888	3900	4150
	Rated current(RLA)	A	12.3	7.0	7.2
	Locked rotor Amp(LRA)	A	95	63	63
	Thermal protector		Internal	Internal	Internal
	Capacitor	mF	70	/	/
Refrigerant oil	ml	1360	1360	1360	
Outdoor coil	Number of row		2	2.5	3
	Fin spacing	mm	1.5	1.5	1.5
	Fin material		Unhydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium
	Tube outside diameter	mm	φ7	φ7.94	φ7
	Tube material		Inner groove tube	Inner groove tube	Inner groove tube
	Coil (L x H x W)	mm	880x1218x25.4	995x1320x57.15	995x1320x57.15
	Number of circuit		12	12	12
Outdoor fan motor	Brand		LIFENG	LIFENG	LIFENG
	Model		YDK-80C-6	YDK60-6J	YDK60-6J
	Input	W	166*2	166*2	166*2
	Running current	A	0.72*2	0.72*2	0.72*2
	Capacitor	mF	4*2	/	/
	Speed	rpm	800	820	820
Outdoor air flow		m ³ /h	6000	7600	7600
Outdoor noise level		dB(A)	58	60	60
Power supply		V/Ph/Hz	220-240V/1Ph/50Hz	380-415V/3Ph/50Hz	380-415V/3Ph/50Hz
Max. input consumption		W	3950	5400	6800
Max. current		A	21.2	10.2	12
Starting current		A	102	72	64
Max. Operating Pressure	Discharge	MPa	4.5	4.5	4.5
	Suction	MPa	1.9	1.9	1.9
Outdoor dimension	Unit (WxHxD)	mm	940×340×1250	940×390×1365	940×390×1365
	Packing (WxHxD)	mm	1030×430×1365	1080×470×1540	1080×470×1540
Outdoor weight	Net	kg	91.5	114	117
	Gross	kg	99	121	121
Refrigerant	Type		R410A	R410A	R410A
	Charge	g	3500	4400	4500
Throttle type			Capillary	Capillary	Capillary
Refrigerant pipe	Liquid side	mm	Φ9.52	Φ9.52	Φ9.52
	Gas side	mm	Φ19.05	Φ19.05	Φ19.05
	Max. refrigerant pipe length	m	30	50	50
	Max. difference in level	m	20	30	30
Ambient temperature range	Cooling	°C	16~55	16~55	16~55
	Heating	°C	/	/	/



FEATURES

ENERGY SAVING

- + High Efficiency Design
- + High Efficiency Compressor
- + Strong Construction Design

LONG LIFETIME

- + High Reliability Compressor
- + High Reliability Motor

COMFORT

- + Super Quiet Indoor Unit Design
- + Super Quiet Outdoor Unit

WIDER AIR FLOW

- + Built-in two stepper motor
- + Adjusting the vertical and horizontal air flow
- + Providing wide range swing

EASY MAINTENANCE

- + Washable filter
- + Easy to take out
- + Convenient to clear

EASY INSTALLATION

- + Flexible installation, ceiling suspended and floor standing

WATER PUMP

- + Built-in water pump
- + Pump head is up-to 700mm (Optional)

CONVIENIENT DISPLAY

- + Digital display (Optional)
- + Middle or Right side
- + More intuitive and simple
- + Error code can be shown in display



48k



18-36k

Specification Charts LXC series (Ceiling Mounted -Indoor Unit)

Model Number		System	LXCCMS-018R0T3C	LXCCMS-024R0T3C	LXCCMS-036R0T3C	
		Indoor	LXCCMI-018R0T3C	LXCCMI-024R0T3C	LXCCMI-036R0T3C	
		Outdoor	LXCCMO-018R0T3C	LXCCMO-024R0T3C	LXCCMO-036R0T3C	
Cooling (T1)	Capacity	Btu/h	17700	23500	35500	
	Capacity	W	5187	6887	10404	
	Input	W	1520	2030	3050	
	Rated current	A	6.8	9.1	5.4	
	EER	Btu/W	11.64	11.58	11.60	
	EER	W/W	3.41	3.39	3.40	
Cooling (T3)	Capacity	Btu/h	16200	20000	31500	
	Capacity	W	4748	5861	9232	
	Input	W	1850	2450	3750	
	Rated current	A	8.3	10.9	6.7	
	EER	Btu/W	8.76	8.16	8.40	
	EER	W/W	2.57	2.39	2.46	
Indoor coil	Number of rows		4	4	4	
	Tube pitch(a)xrow pitch(b)	mm	21x13.37	21x13.37	22x19.05	
	Fin spacing	mm	1.4	1.4	1.7	
	Fin type		Hydrophilic	Hydrophilic	Hydrophilic	
	Tube outside dia. and type	mm		Φ7	Φ7	Φ7.94
				Inner Grooved	Inner Grooved	Inner Grooved
	Number of circuits		4	4	4in-8out	
Indoor fan motor	Brand		Kaihua/Yongan	Kaihua/Yongan	Panasonic	
	Model		YSK110-75LD-4P2	YSK110-75LD-4P2	DR-310-75LD-8	
	Input	W	80	160	90*2	
	Capacitor	μF	4	5	/	
	Speed(Hi/Me/Lo)	rpm	980/880/780	980/880/780	1225/1080/930	
Power supply	V/Ph/Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz		
Indoor air flow(Hi/Me/Lo)	m ³ /h	1200/1000/800	1200/1000/800	1700/1520/1340		
Indoor noise level	dB(A)	42~50	42~50	46~54		
Indoor dimension	Unit (W*H*D)	mm	1245x680x244	1245x680x244	1670x680x244	
	Packing (W*H*D)	mm	1325x770x325	1325x770x325	1750x780x335	
Indoor weight	Net	kg	37	37	49	
	Gross	kg	43	43	56	
Max pressure	MPa	4.5	4.5	4.5		
Refrigerant	Type		R410A	R410A	R410A	
Refrigerant pipe	Liquid side	mm	Φ6.35	Φ9.52	Φ9.52	
	Gas side	mm	Φ12.7	Φ15.88	Φ19.05	
Connection wiring	Power wiring	mm ²	1.5	1.0	1.0	
	Signal wiring	mm ²	1.5	0.75	0.75	
Drainage water pipe diameter	mm	25	25	25		
Operation temperature range	°C	16~32	16~32	16~32		
Operation Control		Remote Controller	Remote Controller	Remote Controller		
Ambient temp	°C	16~55	16~55	16~55		

*Tested at conditions included in AHRI standard;35°C outdoor air temperature and 27°C DB /19°C WB entering evaporator air,

*Rated at 46°C outdoor air temperature and 27°C DB/19°C WB entering evaporator air (T3 Conditions)

*Actual noise level may differ, depending on the room structure, etc, since these noise values are from an anechoic room.

*Remark: The above design and specification are subject to change without prior notice for product improvement.

Specification Charts LXC series (Ceiling Mounted -Indoor Unit)

Model		System	LXCCMS-036S0T3C	LXCCMS-048S0T3C	
		Indoor	LXCCMI-036S0T3C	LXCCMI-048S0T3C	
		Outdoor	LXCCMO-036S0M3C	LXCCMO-048S0M3C	
Cooling (T1)	Capacity	Btu/h	34500	45000	
	Capacity	W	10111	13188	
	Input	W	3050	3870	
	Rated current	A	13.3	6.7	
	EER	Btu/W	11.30	11.60	
	EER	W/W	3.31	3.40	
Cooling (T3)	Capacity	Btu/h	29500.00	39000.00	
	Capacity	W	8646	11430	
	Input	W	3650.00	4780.00	
	Rated current	A	15.80	8.20	
	EER	Btu/W	8.10	8.16	
	EER	W/W	2.37	2.39	
Indoor coil	Number of rows		4	4	
	Tube pitch(a)xrow pitch(b)	mm	22×19.05	22×19.05	
	Fin spacing	mm	1.7	1.7	
	Fin type		Hydrophilic	Hydrophilic	
	Tube outside dia. and type	mm		Φ7.94	Φ7.94
				Inner Grooved	Inner Grooved
Number of circuits		4in-8out	4in-8out		
Indoor fan motor	Brand		Panasonic	Panasonic	
	Model		DR-310-75LD-8	DR-310-75LD-8	
	Input	W	90*2	100*2	
	Capacitor	μF	/	/	
	Speed(Hi/Me/Lo)	R/min	1225/1080/930	1225/1080/930	
Power supply	V/Ph/Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz		
Indoor air flow(Hi/Me/Lo)	m ³ /h	1700/1520/1340	2000/1800/1600		
Indoor noise level	dB(A)	46 ~54	48 ~56		
Indoor Dimension	Unit(W*H*D)	mm	1670×680×244	1670×680×244	
	Packing(W*H*D)	mm	1750×780×335	1750×780×335	
Indoor Weight	Net	kg	49	49	
	Gross	kg	56	56	
Max pressure	MPa	4.5	4.5		
Refrigerant	Type		R410A	R410A	
Refrigerant pipe	Liquid side	mm	Φ9.52	Φ9.52	
	Gas side	mm	Φ19.05	Φ19.05	
Connection wiring	Power wiring	mm ²	1.0	1.0	
	Signal wiring	mm ²	0.75	0.75	
Drainage water pipe diameter	mm	25	25		
Operation temperature range	°C	16 ~32	16 ~32		
Operation Control		Remote Controller	Remote Controller		
Ambient temp	°C	16 ~55	16 ~55		

*Tested at conditions included in AHRI standard;35°C outdoor air temperature and 27°C DB /19°C WB entering evaporator air,

*Rated at 46°C outdoor air temperature and 27°C DB/19°C WB entering evaporator air (T3 Conditions)

*Actual noise level may differ, depending on the room structure, etc, since these noise values are from an anechoic room.

*Remark: The above design and specification are subject to change without prior notice for product improvement.

Specification Charts LXC series (Ceiling Mounted -Outdoor Unit)

Model Number		System	LXCCMO-018R0T3C	LXCCMS-024R0T3C	LXCCMS-030R0T3C	
		Outdoor	LXCCMO-018R0T3C	LXCCMO-024R0T3C	LXCCMO-030R0T3C	
Cooling	Input	W	T1:1370/T3:1700	T1:1880/T3:2300	T1:2450/T3:2910	
	Rated current	A	6.1/7.6	8.4/10.2	11.2/13.3	
Compressor	Brand		GMCC	GMCC	HIGHLY	
	Model		PA180G2CS-7KTM	PA250G2CS-7KTM	ATH307MV-C9EU	
	Type		ROTARY	ROTARY	ROTARY	
	Capacity	Btu/h	15473	21563	25358	
	Input	W	1424	2095	2475	
	Rated current(RLA)	A	6.31	9.4	11.6	
	Locked rotor Amp(LRA)	A	34	55	67	
	Thermal protector		Internal	Internal	Internal	
	Refrigerant oil	ml	610	850	880	
Outdoor coil	Number of rows		2	2	3	
	Tube pitch(a)x row pitch(b)	mm	22×19.05	25×21.65	21×13.37	
	Fin spacing	mm	1.6	1.6	1.5	
	Fin type		Hydrophilic	Hydrophilic	Hydrophilic Aluminum	
	Tube outside dia.and type	mm		Φ7.94	Φ9.52	Φ7
				Inner grooved	Inner grooved	Inner grooved
	Coil (L x H x W)	mm	752×660×38.1	1035×750×43.3	1024×756×40.11	
Number of circuits		4	4	6 in + 6 out		
Outdoor motor fan	Model		YDK-60A-6K	YDK-100-6 H3	YDK-100-6P3-1	
	Input	W	150	300	220	
	Capacitor	μF	4	6	6	
	Speed	rpm	850	800	800	
Outdoor air flow		m ³ /h	3000	4200	3000	
Outdoor noise level		dB(A)	56	58	58	
Power supply		V-Ph-Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz	230V/1Ph/60Hz	
Max. input consumption		W	2250	2890	3600	
Max. current		A	12.1	15.6	15.6	
Starting current		A	34	55	67	
Outdoor unit	Dimension(W*H*D)	mm	925×700×366	1044×789×432	1040×790×432	
	Packing (W*H*D)	mm	990×770×410	1120×900×485	1120×900×485	
	Net/Gross weight	kg	51/56	65/70	69/75	
Refrigerant type/Quantity		g	R410A/1800	R410A/3000	R410A/2800	
Throttle part			Capillary	Capillary	Capillary	
Design pressure		MPa	4.5/1.6	4.5/1.6	4.5/1.6	
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35/Φ12.7	Φ9.52/Φ15.88	Φ9.52/Φ19.05	
	Standard pipe length	m	5	5	5	
	Standard difference in level	m	1	1	1	
	Max. pipe length (ODU below)	m	25	25	25	
	Max. difference in level (ODU below)	m	15	15	15	
	Max. pipe length (ODU above)	m	22	22	22	
	Max. difference in level (ODU above)	m	12	12	12	
Cap. Decrease under 1m increasing		W	50~60	60~70	70~80	
Ambient temp		°C	16~55	16~55	16~55	

Specification Charts LXC series (Ceiling Mounted -Outdoor Unit)

Model Number		System	LXCCMS-036R0T3C	LXCCMS-036S0M3C	LXCCMS-048S0M3C	
		Outdoor	LXCCMO-036R0T3C	LXCCMO-036S0M3C	LXCCMO-048S0M3C	
Cooling	Input	W	T1:2870/T3:3470	T1:2870/T3:3570	T1:3670/T3: 4580	
	Rated current	A	12.5/15.1	5.1/6.4	6.3/7.8	
Compressor	Model		ATH356MV-C9EUA	ZP39KSE-TFD-52E	ZP51KHE-TFM-593	
	Type		ROTARY	SCROLL	SCROLL	
	Brand		SHANGHAI HITACHI	COPELAND THAILAND	COPELAND THAILAND	
	Capacity	Btu/h	29180	31600	41200	
	Input	W	2950	3150	4000	
	Rated current(RLA)	A	14.1	5.3	7	
	Locked rotor Amp(LRA)	A	67	43	47	
	Thermal protector		Internal	Internal	Internal	
	Refrigerant oil	ml	880	1242	1242	
Outdoor coil	Number of rows		3	3	3	
	Tube pitch(a)x row pitch(b)	mm	21×13.37	21×13.37	21×13.37	
	Fin spacing	mm	1.5	1.5	1.5	
	Fin type		Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum	
	Tube outside dia.and type	mm		Φ7	Φ7	Φ7
				Inner grooved	Inner grooved	Inner grooved
	Coil (L x H x W)	mm	870×945×40.11	808×1260×40.11	808×1260×40.11	
Number of circuits		7	14 in + 7 out	14 in + 7 out		
Outdoor motor fan	Model		YDK-200-6AF	YDK-80-6P3	DR-380-100-8	
	Input	W	350	220*2	130*2	
	Capacitor	μF	10	/	/	
	Speed	rpm	800	780	830	
Outdoor air flow	m ³ /h	5500	6100	6100		
Outdoor noise level	dB(A)	60	60	60		
Power supply	V-Ph-Hz	220-240V/1Ph/50Hz	380-415V/3Ph/50Hz	380-415V/3Ph/50Hz		
Max. input consumption	W	4820	4450	6320		
Max. current	A	25	8.9	12.1		
Starting current	A	80	43	47		
Outdoor unit	Dimension(W*H*D)	mm	1050×400×995	911×1330×400	911×1330×400	
	Packing (W*H*D)	mm	1145×475×1120	964×1445×402	964×1445×402	
	Net/Gross weight	kg	79/90	96/105	99/108	
Refrigerant type/Quantity	g	R410A/3200	R410A/3800	R410A/3700		
Throttle part		Capillary	Capillary	Capillary		
Design pressure	MPa	4.5/1.6	4.5/1.6	4.5/1.6		
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05	
	Standard pipe length	m	5	5	5	
	Standard difference in level	m	1	1	1	
	Max. pipe length (ODU below)	m	30	30	50	
	Max. difference in level (ODU below)	m	20	20	30	
	Max. pipe length (ODU above)	m	26	26	45	
	Max. difference in level (ODU above)	m	16	16	25	
Cap. Decrease under 1m increasing	W	85~95	85~95	100~115		
Ambient temp	°C	16~55	16~55	16~55		



Free Standing Unit



FEATURES

ENERGY SAVING

- + High Efficiency Design
- + High Efficiency Compressor
- + Strong Construction Design

CENTRIFUGAL FAN BLADE

- + Double CFD technology design
- + Increasing air flow
- + Decreasing noise Level

3D AIR FLOW

- + Combination of Vertical and Horizontal auto swing function.
- + Ensures an even distribution of air throughout the room.

LONG LIFETIME

- + High Reliability Compressor.
- + High Reliability Motor.

COMFORT

- + Super Quiet Indoor Unit Design
- + Super Quiet Outdoor Unit Design
- + Auto Restart

SELF-DIAGNOSIS AND AUTO-PROTECTION

- + Once abnormal operation or parts failure happens, the unit will shut down automatically to protect the system.
- + It will indicate protection or error code for fast servicing.

NEW AIR FLOW SYSTEM

- + New air flow design
- + Larger heat-exchanging area
- + High Cooling and Heating efficiency

EASY INSTALLATION

- + Compact size design and easily install+ Slim body to save more installation space.

Specification Charts LXC series (Free Standing -Indoor Unit)

Model Number		System	LXCFSS-048S0T3C	LXCFSS-060S0T3C	
		Indoor	LXCFSI-048S0T3C	LXCFSI-060S0T3C	
		Outdoor	LXCFSO-048S0T3C	LXCFSO-060S0T3C	
Cooling (T1)	Capacity	Btu/h	44500	52500	
	Capacity	W	13042	15386	
	Input	W	3800	4550	
	Rated current	A	6.5	7.8	
	EER	Btu/W	11.70	11.55	
	EER	W/W	3.43	3.38	
Cooling (T3)	Capacity	Btu/h	39000	46000	
	Capacity	W	11430	13481	
	Input	W	4650	5500	
	Rated current	A	6.5	7.8	
	EER	Btu/W	8.40	8.35	
	EER	W/W	2.46	2.45	
Indoor coil	Number of rows		3	4	
	Tube pitch(a)x row pitch(b)	mm	25x21.65	25x21.65	
	Fin spacing	mm	1.5	1.5	
	Fin type		Hydrophilic	Hydrophilic	
	Tube outside dia.and type	mm		Φ9.52	Φ9.52
				Inner grooved	Inner grooved
	Coil (L x H x W)	mm	610×756×66	610×756×88	
Number of circuits		7	9		
Indoor fan motor	Model		DC	DC	
	Input	W	180	200	
	Capacitor	μF	/	/	
	Speed (Hi/Me/Lo)	rpm	850/800/700	900/850/750	
Power supply	V-Ph-Hz	220-240V/1Ph/50Hz	220-240V/1Ph/50Hz		
Indoor air flow (Hi/Me/Lo)	m ³ /h	2500/2300/2100	2650/2450/2250		
Indoor noise level(Hi/Me/Lo)	dB(A)	52~56	54~58		
Indoor dimension	Unit (W*H*D)	mm	742×450×1802	742×450×1802	
	Packing (W*H*D)	mm	800×490×1930	800×490×1930	
Indoor weight	Net	kg	96	98	
	Gross	kg	98	100	
Max pressure	MPa	4.5	4.5		
Refrigerant	Type		R410A	R410A	
Refrigerant pipe	Liquid side	mm	Φ9.52	Φ9.52	
	Gas side	mm	Φ19.05	Φ19.05	
Operation Control		Remote Controller	Remote Controller		
Operation temperature range	°C	16~32	16~32		
Ambient temp	°C	-7~55	-7~55		

*Tested at conditions included in AHRI standard;35°C outdoor air temperature and 27°C DB /19°C WB entering evaporator air, *Rated at 46°C outdoor air temperature and 27°C DB/19°C WB entering evaporator air (T3 Conditions)

*Actual noise level may differ, depending on the room structure, etc, since these noise values are from an anechoic room.

*Remark: The above design and specification are subject to change without prior notice for product improvement.

Specification Charts LXC series (Free Standing -Outdoor Unit)

Model Number		System	LXCFSS-048S0M3C	LXCFSS-060S0M3C	
		Outdoor	LXCFSO-048S0M3C	LXCFSO-060S0M3C	
Compressor	Brand		Copeland	Copeland	
	Model		ZJ51KHE-TFM-52E	ZP61KCE-TFD-522	
	Type		Scroll	Scroll	
	Capacity	Btu/h	41200	50000	
	Input	W	4000	4750	
	Rated current(RLA)	A	7	8.3	
	Locked rotor Amp(LRA)	A	47	64	
	Thermal protector		Internal	Internal	
	Capacitor	μF	/	/	
	Refrigerant oil	ml	1242	1685	
Outdoor coil	Number of rows		3	3	
	Tube pitch(a)x row pitch(b)	mm	21×13.37	21×13.37	
	Fin spacing	mm	1.5	1.55	
	Fin type		Hydrophilic Aluminum	Hydrophilic Aluminum	
	Tube outside dia.and type	mm		Φ7	Φ7
				Inner grooved	Inner grooved
	Coil length x height x width	mm	808×1260×40.11	989×1386×40.11	
Number of circuits		14 in + 7 out	12		
Outdoor motor fan	Model		DR-310-100-8	S.TB-DQ-YDK-70-6P3	
	Input	W	130*2	150*2	
	Capacitor	μF	/	/	
	Speed	rpm	830	870	
Outdoor air flow		m ³ /h	6100	7200	
Outdoor noise level		dB(A)	60	58	
Power supply		V-Ph-Hz	380-415V/3Ph/50Hz	380-415V/3Ph/50Hz	
Outdoor dimension	Unit (W*H*D)	mm	911×1330×400	966×1430×450	
	Packing (W*H*D)	mm	964×1445×402	1095×1545×485	
Outdoor weight	Net	kg	99	116	
	Gross	kg	108	127	
Refrigerant	Type	g	R410A	R410A	
	Charge	g	3800	5700	
Throttle type			Capillary	Capillary	
Design pressure		MPa	4.5/1.6	4.5/1.6	
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52	Φ9.52	
	Gas side	mm	Φ19.05	Φ19.05	
	Max. refrigerant pipe length	m	50	50	
	Max. difference in level	m	30	30	
Ambient temp		°C	16~55	16~55	

NOTES



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