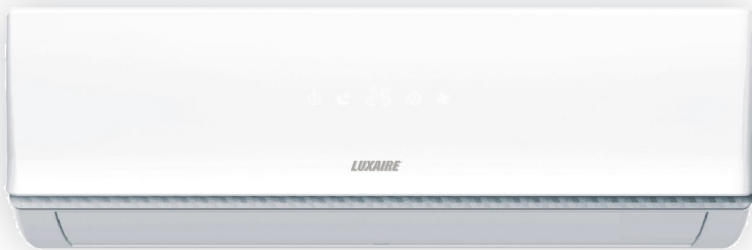




LUXAIRE® Midwall Fixed Speed

LHGE09 to 24 HEAT PUMP

A complete range from 9,000 Btu/h to 24,000 Btu/h



Features

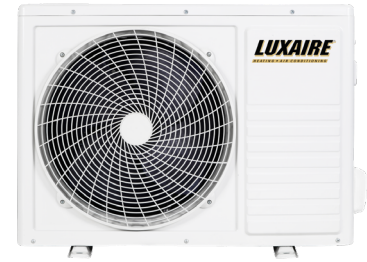
- Modern, compact design
- Efficient cooling/heating
- Low/high ambient cooling
- Auto-restart
- Low noise
- Hidden display
- Louver position memory
- Two-way draining
- Valve protection cover
- Easy installation & maintenance

Remote Control



- 5 operation modes
- Sleep mode and on-off timers
- Turbo cool/heat settings
- Clock display
- I Feel

LHGE 09 to 24 ZEKATCORX



Auto Restart



I Feel



R410a Refrigerant



Self Diagnosis



24hr Timer

Technical features

LUXAIRE set model			LHGE09ZEKATCORX	LHGE12ZEKATCORX	LHGE18ZEKATCORX	LHGE24ZEKATCORX	
LUXAIRE indoor model			LHGE09XEKATC-RX	LHGE12XEKATC-RX	LHGE18XEKATC-RX	LHGE24XEKATC-RX	
LUXAIRE outdoor model			LHGE09YEKATCO-X	LHGE12YEKATCO-X	LHGE18YEKATCO-X	LHGE24YEKATCO-X	
Electrical	Power supply	V-Ph-Hz	220-230-1-50	220-230-1-50	220-230-1-50	220-230-1-50	
	Max. Input consumption	W	1,105	1,550	2,165	2,678	
	Max current	A	4.9	6.8	9.7	12.0	
	Running current	A	3.2	5.2	6.9	8.8	
	Starting current	A	4.9	6.5	9.7	12.0	
	Power supply to		Indoor	Indoor	Indoor	Indoor	
	Power cable		2+Ex1.0mm	2+Ex1.0mm	2+Ex1.5mm	2+Ex1.5mm	
	Interconnecting cable		4+Ex0.75mm	4+Ex0.75mm	4+Ex0.75mm	4+Ex1.5mm	
Performance	Cooling	Capacity	Btu/h	9,008	12,010	18,015	22,144
		Capacity	W	2,640	3,520	5,280	6,490
		Rated power input	W	850	1,132	1,665	2,060
		Rated current	A	3.8	5.0	7.5	9.2
		EER	W/W	3.11	3.11	3.17	3.15
	Heating	Capacity	Btu/h	9,519	12,522	18,527	23,406
		Capacity	W	2,790	3,670	5,430	6,860
		Rated power input	W	725	1,180	1,535	1,965
		Rated current	A	3.2	5.2	6.9	8.8
		COP	W/W	3.85	3.11	3.54	3.49
Indoor Unit	Fan model	Power Input	W	14	14	25	49
		Capacitor	µF	1.5	1.5	1.5	3.0
		Speed (Turbo/Hi/Me/Lo) Cooling	rpm	1,270/1,170/1,050/900	1,270/1,170/1,050/900	1,300/1,200/1,100/1,050	1,280/1,200/1,050/900
		Speed (Turbo/Hi/Me/Lo) Heating	rpm	1,250/1,150/1,050/950	1,250/1,150/1,050/950	1,300/1,200/1,100/1,050	1,280/1,200/1,050/900
	Air flow (Cooling/Heating) - (T/H/M/L)	m3/h	500/460/410/370	510/470/420/380	850/785/720/690	1,100/1,030/905/775	
	Noise level (sound power) - (T/H/M/L)	dB(A)	49/46/44/41	50/46/44/41	55/53/50/49	56/54/51/48	
	Dimension Weight	Dimension (W×H×D)	mm	777×205×250	777×205×250	910×205×292	1,010×220×315
Packing (W×H×D)		mm	848×277×318	848×277×318	977×275×370	1,094×294×391	
Net/Gross weight		kg	8/11	8/11	10/13	13/16	
Outdoor Unit	Compressor	Type		Rotary			
		Rated current(RLA)	A	2.4	5.2	5.9	8.7
		Locked rotor Amp(LRA)	A	20	24.5	36.3	48
		Thermal protector		Internal	External	Internal	Internal
		Capacitor	µF	25	35	45	55
	Fan motor	Input	W	25	31	45	68
		Capacitor	µF	2.0	2.5	3.0	4.0
		Speed (Turbo/H/M/L)	rpm	895	860	820	830
	Air flow	m3/h	1,410	2,040	2,240	2,670	
	Noise level	dB(A)	51	52	56	57	
	Dimension Weight	Dimension (W×H×D)	mm	600×500×230	700×550×256	780×605×290	820×605×300
		Packing (W×H×D)	mm	705×550×300	803×585×325	883×653×360	930×635×380
		Net/Gross weight	kg	27	29	43	47
Refrigerant piping	Liquid side/Gas side	mm(inch)	Ø6(1/4")/Ø9(3/8")	Ø6(1/4")/Ø9(3/8")	Ø6(1/4")/Ø12(1/2")	Ø6(1/4")/Ø15.88(5/8")	
	Max. refrigerant pipe length	m	15	15	15	15	
	Max. difference in level	m	5	5	5	5	
	Standard connection pipe length	m	3	3	4	4	
	Additional refrigerant charge	g/m	20 x (Length-3)	20 x (Length-3)	30 x (Length-4)	30 x (Length-4)	
Refrigerant/Refrigerant charge	g	R410a/560	R410a/600	R410a/1,170	R410a/1,170		
Suitable area (cooling standard)	m2	9-16	15-23	20-35	30-50		
Moisture removal	l/h	1.0	1.3	1.8	2.4		

Nominal cooling capacity based on : - Indoor Air Temp. 27°C DB / 19°C WB - Outdoor Air Temp. 35°C DB / 24°C WB
 Nominal heating capacity based on : - Indoor Air Temp. 20°C DB / 15°C WB - Outdoor Air Temp. 7°C DB / 6°C WB