

airfel



WHO WE ARE

We are a 26 year old heating and cooling company born in Turkiye with experience in 30+ countries including the CIS region. Now are excited to expand our reach to Africa and the Middle East.

WHY CHOOSE US?

Buying and owning an air conditioner might be a hassle. Having to pay a premium for a quality one, blending it into your vibrant home environment and maintaining it properly, could be challenging.



As Airfel, we make reliable and quality air conditioners more accessible by adding our twist into them which is **(1)** an after-sales service backed by the industry leader, **(2)** diverse sales channels including e-commerce and local sales networks, and **(3)** youth ambassadorship with our trend-aware, dynamic identity.

WHAT KIND OF AIR CONDITIONERS?

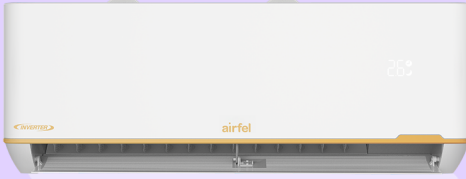


Residential



Commercial

airfel



LXTY-G SERIES



WiFi Control

Convenient remote operation through an easily navigated mobile app to adjust temperature and other comfort enabling settings.



AI Inverter Algorithm

Operation mode is automatically adjusted by the increases or decreases in room occupancy to achieve energy savings by learning from behavioural data.



Golden Fin Coating

Anticorrosive golden coating to protect the condensing unit against harsh conditions and improve heat efficiency.



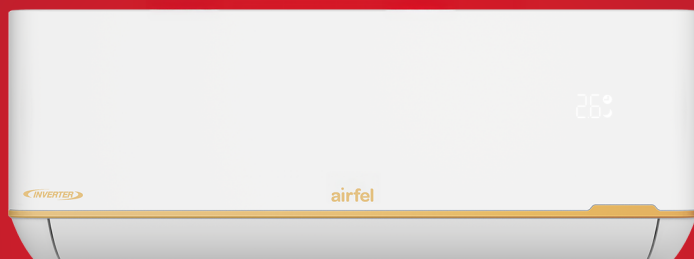
3D Airflow

The vertical and horizontal louvers swing at wide angles to prevent blind spots and provide wider and more even cooling.

HEAT PUMP



airfel



LXTY-G

SERIES



Turbo Cooling

Boosting cooling and heating to quickly reach the desired temperature with assisted airflow.



Louver Angle Memory

When the unit is restarted, the louvers will be restored to their last used position.



ECO Mode

One button operation from the remote enabling 30% energy saving.



Display On/Off

Flexibility to turn the display lighting on or off for a more comfortable sleep environment.



Filter Cleaning Alert

After running for a particular period, the unit automatically detects the cleanliness of the filter and remind users of cleaning.

Intelligent Airflow

Directing the cold air towards the ceiling and hot air towards the floor to avoid cold drafts.

In cooling mode, the cool air blowing towards the ceiling provides a shower-style cooling experience.

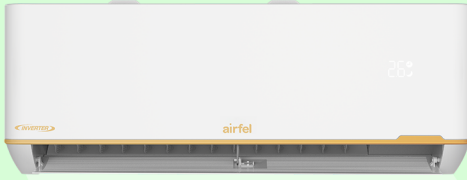


In heating mode, the warm air blowing towards the floor provides a blanket-style heating experience.



INVERTER

airfel



LXTZ-G SERIES



WiFi Control

Convenient remote operation through an easily navigated mobile app to adjust temperature and other comfort enabling settings.



Intelligent Airflow

Directing the cold air towards the ceiling and hot air towards the floor to avoid cold drafts blowing on the user.



Golden Fin Coating

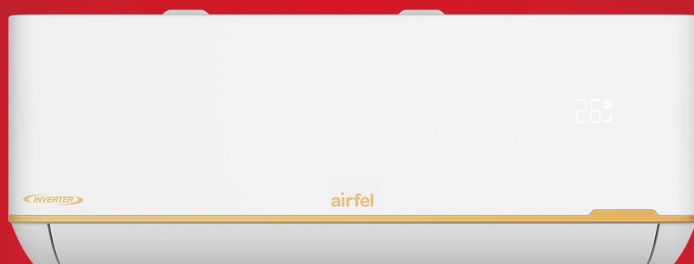
Anticorrosive golden coating to protect the condensing unit against harsh conditions and improve heat efficiency.



3D Airflow

The vertical and horizontal louvers swing at wide angles to prevent blind spots and provide wider and more even cooling.

airfel



LXTZ-G

SERIES



Turbo Cooling

Boosting cooling and heating to quickly reach the desired temperature with assisted airflow.



Louver Angle Memory

When the unit is restarted, the louvers will be restored to their previous position.



ECO Mode

One button operation from the remote enabling 30% energy saving.



Display On/Off

Flexibility to turn the display lighting on or off for a more comfortable sleep environment.



Filter Cleaning Alert

After running for a particular period, the unit automatically detects the cleanliness of the filter and remind users of cleaning.

AI Inverter Algorithm



Operation mode is automatically adjusted by the increases or decreases in room occupancy to achieve energy savings by learning from behavioural data.



When the system detects that users typically go to bed early at night - through their habits- it automatically lowers the temperature setting before bed time to reduce night time energy consumption.



airfel



LNTY-G SERIES

I-SET

I-Set Mode

The unit can go into the memory mode to automatically run the saved setting with the press of a single button.



Intelligent Airflow

Directing the cold air towards the ceiling and hot air towards the floor to avoid cold drafts blowing on the user.



Turbo Cooling

Boosting cooling and heating to quickly reach the desired temperature with assisted airflow.



Louver Angle Memory

When the unit is restarted, the louvers will be restored to their previous position.

HEAT PUMP

airfel



LNTY-G

SERIES



Golden Fin Coating

Anticorrosive golden coating to protect the condensing unit against harsh conditions and improve heat efficiency.



3D Airflow

The vertical and horizontal louvers swing at wide angles to prevent blind spots and provide wider and more even cooling.



ECO Mode

One button operation from the remote enabling 30% energy saving.



Display On/Off

Flexibility to turn the display lighting on or off for a more comfortable sleep environment.



Filter Cleaning Alert

After running for a particular period, the unit automatically detects the cleanliness of the filter and remind users of cleaning.

WiFi Control

Convenient remote operation through an easily navigated mobile app to adjust temperature and other comfort enabling settings.



Effortlessly start your unit cooling the room over your phone before you get home to enjoy it.



Download the app and create an alternative to your remote to control the mode, activity and temperature of your unit whenever, wherever you are.

airfel



LNTZ-G SERIES

I-SET

I-Set Mode

The unit can go into the memory mode to automatically run the saved setting with the press of a single button.



Intelligent Airflow

Directing the cold air towards the ceiling and hot air towards the floor to avoid cold drafts blowing on the user.



Turbo Cooling

Boosting cooling and heating to quickly reach the desired temperature with assisted airflow.



Louver Angle Memory

When the unit is restarted, the louvers will be restored to their previous position.

airfel



LNTZ-G

SERIES



Golden Fin Coating

Anticorrosive golden coating to protect the condensing unit against harsh conditions and improve heat efficiency.



3D Airflow

The vertical and horizontal louvers swing at wide angles to prevent blind spots and provide wider and more even cooling.



ECO Mode

One button operation from the remote enabling 30% energy saving.



Display On/Off

Flexibility to turn the display lighting on or off for a more comfortable sleep environment.



Filter Cleaning Alert

After running for a particular period, the unit automatically detects the cleanliness of the filter and remind users of cleaning.

I-Set Mode

The unit can go into the memory mode to automatically run the saved consumer preferred setting with the press of a single button which is "I SET" on the remote.



To Save: Pressing 'I Set' button for more than 3 seconds until 'AU' is displayed on the controller, which can automatically memorize the settings of temperature, air volume and louver position.

airfel



LXCY-G SERIES



Long Piping Length

Pipe Length reaching up to 80m from ODU to IDU with a maximum height difference of 40m.



Wifi Control

Convenient remote operation through an easily navigated mobile app to adjust temperature and other comfort enabling settings.



Low Noise Design

Optimized air duct design enables quiet operation, with a highly efficient DC fan motor allowing a mute mode operation at 34dB.



360° Air Flow

With individual vane control for ultimate comfort, delivering even and powerful cooling and avoiding harsh, cold drafts.

R-32

airfel



LXCY-G

SERIES



Fresh Air Circulation

Brings in fresh air from the outdoors to revitalize and regularly circulate the indoor air



Wider Swing Angle

The vertical and horizontal louvers swing at wide angles to prevent blind spots and provide wider and more even cooling



Easy Clean Filter

Easily removable 2-layer filter to conveniently dismantle for cleaning



Water-Overflow Prevention

The unit alerts the user if too much condensate water accumulates in the indoor unit, or the water pump fails, to prevent water overflow



Golden Fin Coating

Anticorrosive golden coating to protect against harsh conditions and improve heat efficiency

Gear Control Function



Allows users to adjust the energy input of the unit in 4 different levels being, %30 (L1), %50 (L2) and %70(L3) and %100 to ensure the unit can run at low power consumption mode



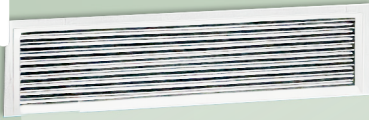
Long press the MUTE button to activate/deactivate the Gear Control Function and control unit's energy input out of 3 levels.

The first level that appears is L3 and move to the next level with every single press.

R-32

INVERTER

airfel



LXDY-G SERIES



Endurant Cooling up to 60°C

Enhanced system and operation stability at 60°C, enabling durability against adverse weather.



BMS Compatibility

Easily connectable from PCB to 3rd party Building Management System for centralized control.



Golden Fin Coating

Anticorrosive golden coating to protect against harsh conditions and improve heat efficiency.



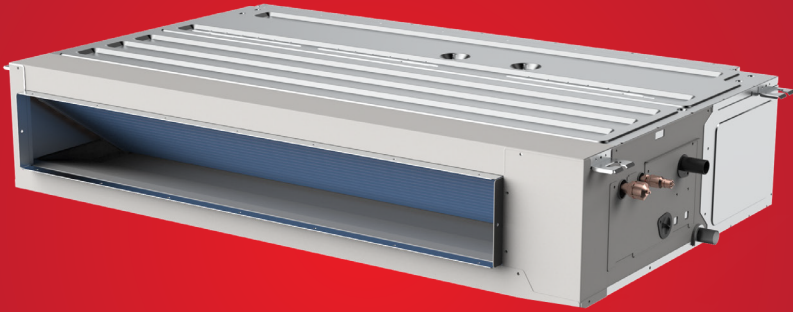
Built-In Drain Pump

Reaching a maximum height of 120cm, facilitating the installation of drain-pipes.

R-32

INVERTER

airfel



LXDY-G

SERIES



Evaporator Self-Cleaning

Removes dust through four stages without noise to ensure clean air supply.



Precise Temperature Control

The temperature set can be maintained accurately within $\pm 1^\circ\text{C}$ due to high precision control electronic expansion valve.



7 Fan Speed Options

Wide range of fan speed adjustment to provide more comfort by choosing from seven different levels.



Ceiling & Floor Installation

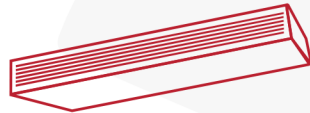
Supporting both vertical (floor) and horizontal (ceiling) installation to better suit the needs of users (*for 36/24/18k models).



High ESP

External static pressure up to 200Pa* suiting longer air ducts and numerous other installation scenarios (*only for 55-36k).

Slim Body Design



Newly designed duct body occupying only 245mm*, convenient for concealed installation. (*available for 36-18k)



R-32

INVERTER

airfel



LUNZE SERIES

**58K
to
332K**

Wide Application Range

Offering a diverse product range wconstituting of 9 different models with capacities spanning from 58,000 to 332,000 BTU/h.



Easy Maintenance

Access doors and an external pressure gauge ensure straightforward access to components and pressure readings respectively.



Design Flexibility

Features including adjustable pulley, wider static pressure, and same-side air outlets to enable flexibility and convenience.



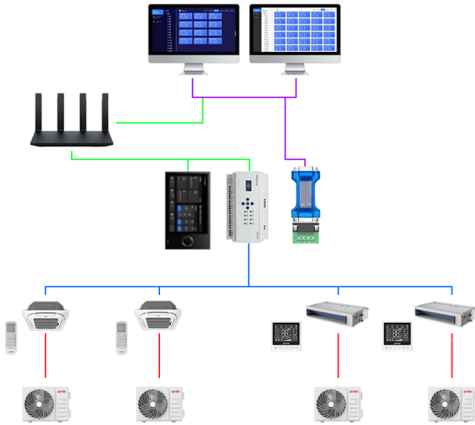
Blue Fin Condenser

Condenser coil is protected against corrosion due to the special blue fin coating that ensures longer life span.

CONTROLS



BMS Compatibility



Various controllers can be preferred by different users including wired, wireless, central and BMS control. The unit is easily connectible from PCB to 3rd party Building Management System for centralized control.

WiFi Control

Convenient remote operation through an easily navigated mobile app to adjust temperature and other comfort enabling settings.

Effortlessly start your unit cooling the room over your phone before you get home to enjoy it.



Dry Contact

Allows users to equip the unit with a sensor enabling automatic turn off when windows and doors are opened or room cards are inserted.



Download the app and as an alternative to your Airfel remote to control your unit's mode, activity and temperature whenever, wherever.



SPEC TABLES - Residential

AIRFEL MODEL NO			IDU	LXTYGQ12VLK	LXTYGQ18VLK	LXTYGQ24VLK
			ODU	MXYGQ12VLKW	MXYGQ18VLKW	MXYGQ24VLKW
Type				Heat Pump	Heat Pump	Heat Pump
Power supply				230V~1 Phase/ 60Hz		
Cooling T1	Rated capacity	Btu/h		12300	18200	23000
	power input	W		984	1517	1840
	current	A		6.6	6.8	11
	EER	Btu/h/W;		12.50	12.00	12.50
Cooling T3	Rated capacity	Btu/h		16400	19300	23400
	power input	W		1232	2047	2308
	current	A		8.2	9.1	14
	EER	Btu/h/W;		9.50	8.50	9.10
Heating	Rated capacity	W		3500	5250	6400
	power input	W/W		1014	1522	1855
	current	W		6.8	6.0	11.5
	COP			3.45	3.45	3.45
Indoor Unit	Rated Air flow (Hi)	m ³ /h		700	1150	1150
	Sound Pressure level (Hi)	dB(A)		43	45	46
	Dimension (WxHx D)	mm		920×306×195	1100×333×222	1100×333×222
	Packing (WxHx D)	mm		990×380×265	1165×405×295	1165×405×295
Outdoor Unit	Net/Gross weight	Kg		9.5 / 11.5	14 / 17	14 / 16.5
	Sound Pressure level (Hi)	dB(A)		53	56	60
	Dimension (Wx DxH)	mm		795×305×550	920×380×699	978×421×803
	Packing (WxDx H)	mm		835×340×585	950×420×732	1022×480×835
Compressor				Inverter Rotary		
Controller				Infra red Wireless Remote Controller		
Refrigerant Type / Weight			kg	R410A/1.20	R410A/1.43	R410A/1.85
Refrigerant piping	Size - Gas	mm (Inches)		Φ9.52(3/8")	Φ12(1/2")	Φ15.88(5/8")
	Size - Liquid	mm (Inches)		Φ6(1/4")	Φ6(1/4")	Φ6(1/4")
	Max. refrigerant pipe length	m		25	25	25
	Max. difference in level	m		20	20	20

AIRFEL MODEL NO			IDU	LXTZGQ12VLK	LXTZGQ18VLK	LXTZGQ24VLK
			ODU	MXZGQ12VLKW	MXZGQ18VLKW	MXZGQ24VLKW
Type				Cooling Only	Cooling Only	Cooling Only
Power supply				230V~1 Phase/ 60Hz		
Cooling T1	Rated capacity	Btu/h		12100	18400	23000
	power input	W		1008	1508	1885
	current	A		4.6	9.4	11
	EER	Btu/h/W;		12.00	12.20	12.20
Cooling T3	Rated capacity	Btu/h		16100	19600	23600
	power input	W		1261	1878	2483
	current	A		5.6	11	15
	EER	Btu/h/W;		8.80	9.00	8.70
Heating	Rated capacity	W		/	/	/
	power input	W/W		/	/	/
	current	W		/	/	/
	COP			/	/	/
Indoor Unit	Rated Air flow (Hi)	m ³ /h		700	970	970
	Sound Pressure level (Hi)	dB(A)		41	48	48
	Dimension (WxHx D)	mm		920×306×195	1100×333×222	1100×333×222
	Packing (WxHx D)	mm		990×380×265	1165×405×295	1165×405×295
Outdoor Unit	Net/Gross weight	Kg		10 / 12	14 / 17	15 / 18
	Sound Pressure level (Hi)	dB(A)		54	57	58
	Dimension (Wx DxH)	mm		795×305×550	853×349×602	920×380×699
	Packing (WxDx H)	mm		835×340×585	890×385×628	960×430×732
Compressor				22 / 26	29 / 32	36 / 41
Controller				Inverter Rotary		
Refrigerant Type / Weight			kg	R410A/0.65	R410A/0.9	R410A/0.96
Refrigerant piping	Size - Gas	mm (Inches)		Φ9.52(3/8")	Φ12(1/2")	Φ15.88(5/8")
	Size - Liquid	mm (Inches)		Φ6(1/4")	Φ6(1/4")	Φ6(1/4")
	Max. refrigerant pipe length	m		25	25	25
	Max. difference in level	m		20	20	20

SPEC TABLES - Residential

AIRFEL MODEL NO	IDU	LNTYGQ18VLK	LNTYGQ24VLK	LNTYGQ30VLK	LNTYGQ36VLK
	ODU	MNYGQ18VLKW	MNYGQ24VLKW	MNYGQ30VLKW	MNYGQ36VLKW
Type		Heat Pump	Heat Pump	Heat Pump	Heat Pump
Power supply		230V~1 Phase/ 60Hz			
Cooling T1	Rated capacity	Btu/h	18200	22500	26400
	power input	W	1517	1899	1215
	current	A	6.8	8.4	2173
	EER	Btu/h/W;	12.00	11.85	9.7
Cooling T3	Rated capacity	Btu/h	16400	19300	23400
	power input	W	1871	2311	870
	current	A	8.4	10.3	2690
	EER	Btu/h/W;	8.75	8.35	12.1
Heating	Rated capacity	W	5000	6900	7400
	power input	W/W	1408	2029	3.60
	current	W	6.3	9.1	2056
	COP		3.55	3.40	9.2
SEER		Btu/(W.h)	10.30	10.05	10.35
SEER Energyclass			D	D	D
Indoor Unit	Rated Air flow (Hi)	m3/h	1090	1160	1390
	Sound Pressure level (Hi)	dB(A)	47	50	52
	Dimension (WxHx D)	mm	1100*333*222	1100*333*222	1191*360*258
	Packing (WxHx D)	mm	1165*405*295	1165*405*295	1260*430*328
Outdoor Unit	Net/Gross weight	Kg	14 / 16	15 / 18	18 / 22
	Sound Pressure level (Hi)	dB(A)	54	58	60
	Dimension (WxDx H)	mm	920x380x699	978*421*803	978*421*803
	Packing (WxDx H)	mm	950x420x732	1022x480x835	1022x480x835
Compressor	Net/Gross weight	Kg	44 / 49	54 / 58	52 / 60
	Type		Rotary	Rotary	Rotary
Controller			Infra red Wireless Remote Controller		
Refrigerant Type / Weight	kg	R410A /1.23 kg	R410A /1.690 kg	R410A / 2.050 kg	R410A/2.300 kg
Refrigerant piping	Size - Gas	mm (Inches)	Φ12(1/2")	Φ12(1/2")	Φ15.88(5/8")
	Size - Liquid	mm (Inches)	Φ6(1/4")	Φ6(1/4")	Φ6(1/4")
	Max refrigerant pipe length	m	25	25	25
	Max difference in level	m	20	20	20

AIRFEL MODEL NO	IDU	LNTZGQ18VLK	LNTZGQ24VLK	LNTZGQ30VLK	LNTZGQ36VLK
	ODU	MNZGQ18VLKW	MNZGQ24VLKW	MNZGQ30VLKW	MNZGQ36VLKW
Type		Cooling Only	cooling only	cooling only	Cooling Only
Power supply		230V~1 Phase/ 60Hz			
Cooling T1	Rated capacity	Btu/h	18500	22800	27200
	power input	W	1516	1924	1240
	current	A	6.9	8.5	2194
	EER	Btu/h/W;	12.20	11.85	9.8
Cooling T3	Rated capacity	Btu/h	16100	19600	23600
	power input	W	1894	2333	870
	current	A	8.5	10.4	2713
	EER	Btu/h/W;	8.50	8.40	12.2
Heating	Rated capacity	W	NA	NA	NA
	power input	W/W			
	current	W			
	COP				
SEER		Btu/(W.h)	10.30	10.05	10.45
SEER Energyclass			D	D	D
Indoor Unit	Rated Air flow (Hi)	m3/h	1090	1160	1390
	Sound Pressure level (Hi)	dB(A)	47	50	52
	Dimension (WxHx D)	mm	1100*333*222	1100*333*222	1191*360*258
	Packing (WxHx D)	mm	1165*405*295	1165*405*295	1260*430*328
Outdoor Unit	Net/Gross weight	Kg	14 / 16	15 / 18	18 / 22
	Sound Pressure level (Hi)	dB(A)	54	58	60
	Dimension (WxDx H)	mm	853*349*602	978*421*803	978*421*803
	Packing (WxDx H)	mm	890*385*628	1022x480x835	1022x480x835
Compressor	Net/Gross weight	Kg	34 / 38	50 / 56	51 / 59
	Type		Rotary	Rotary	Rotary
Controller			Infra red Wireless Remote Controller		
Refrigerant Type / Weight	kg	R410A /0.810kg	R410A /1.25 kg	R410A /1.440 kg	R410A /1.630 kg
Refrigerant piping	Size - Gas	mm (Inches)	Φ12(1/2")	Φ12(1/2")	Φ15.88(5/8")
	Size - Liquid	mm (Inches)	Φ6(1/4")	Φ6(1/4")	Φ6(1/4")
	Max refrigerant pipe length	m	25	25	25
	Max difference in level	m	20	20	20

SPEC TABLES - Commercial

AIRFEL MODEL NO		IDU	LXCYG18VLK	LXCYG24VLK	LXCYG36VLK	LXCYG48VLK
		ODU	MXYG18VLKU	MXYG24VLKU	MXYG36VLKU	MXYG48VLKU
Power supply		V-ph-Hz	220-240V,60Hz,1Ph			
Cooling(T1)	Capacity	Btu/h	18200	24000	33000	42000
	Input	W	1444	1930	2650	3387
	Current	A	6.57	8.77	12.10	15.40
	EER	Btu/h.W	12.60	12.45	12.45	12.40
Cooling(T3)	Capacity	Btu/h	16900	22000	29000	36000
	Input	W	1899	2390	3315	4090
	Current	A	8.6	10.9	15.15	18.17
	EER	Btu/h.W	8.90	9.20	8.75	8.80
Heating	Capacity	W	5800	8000	10550	14000
	Input	W	1526	2170	2776	4000
	Current	A	6.9	9.86	12.70	18.20
	COP	W/W	3.80	3.70	3.80	3.50
Indoor unit	Rated Air flow (Hi)	CFM	1100	1500	2000	2100
	Sound Pressure level (Hi)	dB(A)	40	45	50	51
	Dimension (WxHx D)	mm	840*245*840	840*245*840	840*290*840	840*290*840
	Packing (WxHx D)	mm	920*270*920	920*270*920	920*315*920	920*315*920
	Net/Gross weight	kg	23/27	23/27	30/35	30/35
	PANEL Dimension (WxHx D)	mm	950*45*950	950*45*950	950*45*950	950*45*950
	PANEL Packing (WxHx D)	mm	1055*90*1055	1055*90*1055	1055*90*1055	1055*90*1055
Controller			6/9	6/9	6/9	6/9
Compressor		Type	Infra Red Remote control			
Outdoor unit			Inverter Rotary			
	Sound Pressure level	dB(A)	53	56	58	59
	Dimension(WxDxH)	mm	845*700*342	910*804*378	910*804*378	950*1330*340
	Packing(WxDxH)	mm	960x755x430	1022x835x480	1022x835x480	1080x1457x430
	Net/Gross weight	kg	38/42	46/50	54/58	91/103
Refrigerant			R32			
	Type					
Refrigerant piping	Charged volume	Kg	1.15	1.7	2	4
	Liquid side / Gas side	mm (in)	6.35/12.7 (1/4"/1/2")	9.52/15.9 (3/8"/5/8")	9.52/15.9 (3/8"/5/8")	9.52/19 (3/8"/3/4")
	Max. pipe length	φ	30	30	50	80
	Max. difference in level	φ	15	15	30	40
Ambient temperature	Cooling		0 - 60			
	Heating		-15 -24			

AIRFEL MODEL NO		IDU	LXDYGA18VLK	LXDYGA24VLK	LXDYGA36VLK	LXDYGA48VLK	LXDYGA54VLK
		ODU	MXYG18VLKU	MXYG24VLKU	MXYG36VLKU	MXYG48VLKU	MXYG54VLKU
Power supply		V.Hz,Ph	220-240V,60Hz,1Ph				
Cooling(T1)	Capacity	Btu/h	18200	24200	33000	46000	54000
	Input	W	1444	1920	2630	3680	4355
	Current	A	6.57	8.73	12.00	16.73	19.80
	EER	Btu/h/W	12.60	12.60	12.55	12.50	12.40
Cooling(T3)	Capacity	Btu/h	17000.0	22000	30400	42600	48400
	Input	W	1910.1	2390	3415	4730	5469
	Current	A	8.7	10.86	15.55	21.50	24.80
	EER	Btu/h/W	8.90	9.20	8.90	9.00	8.85
Heating	Capacity	W	5800	8100	10550	15000	18400
	Input	W	1526	2190	2776	3750	4842
	Current	A	6.94	9.95	12.70	17.00	22.60
	COP	W/W	3.80	3.70	3.80	4.00	3.80
Indoor air flow (Hi) at rated ESP		m ³ /h	1150	1500	2200	2800	3300
ESP	Rated	Pa	25	25	37	50	50
	Range	Pa	0-160	0-160	0-200	0-200	0-200
Indoor Unit Sound Pressure (Hi) at rated ESP		dB(A)	38	43	43	45	47
Indoor unit	Dimension (WxDxH)	mm	920*700x245	920*700x245	1200*700x245	1400x800x380	1400x800x380
	Packing(WxDxH)	mm	1140*830x290	1140*830x290	1420*830x290	1620*930x425	1620*930x425
	Net/Gross weight	kg	28.5/33.5	28.5/33.5	38/44	66/76	66/76
Controller			Wired Remote control				
Compressor		Type	Inverter Rotary				
Outdoor Unit Sound Pressure Level		dB(A)	53	56	58	59	61
Outdoor unit	Dimension(WxDxH)	mm	845*342x700	910*378x804	910*378x804	950*340x1330	940*390x1365
	Packing(WxDxH)	mm	960*430*755	1022x480x835	1022x480x835	1080x430x1457	1080x450x1540
	Net/Gross weight	kg	38/42	46/50	54/58	91/103	97/107
Refrigerant			R32				
	Type						
Refrigerant piping	Charged volume	kg	1.15	1.7	2	4	4.2
	Liquid side/ Gas side	mm(inch)	6.35/12.7(1/4"/1/2")	9.52/15.9(3/8"/5/8")	9.52/15.9(3/8"/5/8")	9.52/19(3/8"/3/4")	9.52/19(3/8"/3/4")
	Max. pipe length	m	30	30	50	80	80
	Max. difference in level	m	15	15	30	40	40
Ambient temperature	Cooling		0 - 60				
	Heating		-15 -24				

SPEC TABLES - Commercial

Nominal ton		(Ton)	6.25	7.5
Model			LUNZEQ062YLK	LUNZEQ075YLK
Type			Side-discharge	Side-discharge
Power Supply		\	380 - 415V, 3Ph~, 60Hz	380 - 415V, 3Ph~, 60Hz
Cooling ¹	Capacity	Btu/h	75,000	84,000
		kW	22.0	24.6
	Power Input	W	6,680	7,240
Cooling ²	Cooling Capacity	Btu/h	64,000	72,000
		kW	18.8	21.1
	Power Input	W	8,100	8,670
Optional LEHK ³	Power Input	\	10kW (LEHK-10A-6.25T)	/
	Power Input	\	14kW (LEHK-14A-6.25T)	/
Max. input consumption (Standard)		W	9,400	10,500
Max. input consumption (High static pressure)		W	10,900	11,500
Max. circuit ampacity		A	30	20.3
Max. overcurrent protection		A	30	40
Performance (Standard)	Indoor fan air flow	CFM	2,200	2,800
		l/s	1,039	1,322
	Outdoor fan air flow	CFM	7,640	6,640
		l/s	3,608	3,135
	ESP	Pa	60 (0 - 125)	70(0-150)
		in.w.g.	0.24 (0 - 0.5)	0.28 (0-0.6)
	EER ¹	/	11.2	11.6
	EER ²	/	7.8	8.3
Evaporator fan (Standard)	Type	\	Centrifugal	Centrifugal
	Material	\	Metal	Metal
	Quantity	\	1	1
	Drive type	\	Belt, adjustable	Belt, adjustable
Compressor	Type	\	Scroll	Scroll
	Quantity	\	1	1
Outdoor sound pressure level ⁴		dB(A)	74.5	78
Refrigerant	Type	\	R410A	R410A
	Volume	kg	6.6	7.4
	Control	\	Throttle valve	Throttle valve
Thermostat (Standard)		\	KJR-29B/BK-E	KJR-29B/BK-E
Drainage pipe		\	3/4" NPT	3/4" NPT
Ambient temperature		°C	10- 52	10- 52
		°F	50 - 125.6	50 - 125.6
Net dimensions (W×H×D)	mm		1,965×1,230×1,130	1,965 × 1,230 × 1,130
	inch		77-3/8 × 48-1/2 × 44-1/2	77-3/8 × 48-1/2 × 44-1/2
Packing dimensions (W×H×D)	mm		1,975×1,265×1,145	1,975 × 1,265 × 1,145
	inch		77-3/4 × 49-7/8 × 45	77-3/4 × 49-7/8 × 45
Net / Gross weight	kg		360 / 390	370/ 390
	lbs		794 / 860	816/860
Filter	Quantity	\	2	1
	Type	\	Nylon	Nylon

SPEC TABLES - Commercial

Nominal ton			(Ton)	10	12.5
Model				LUNZEQ100YLK	LUNZEQ125YLK
Type				Side-discharge	Side-discharge
Power Supply			\	380 - 415V, 3Ph~, 60Hz	380 - 415V, 3Ph~, 60Hz
Cooling ¹	Capacity	Btu/h		124,000	156,000
		kW		36.3	45.7
	Power Input	W		11,071	14,180
Cooling ²	Cooling Capacity	Btu/h		107,000	134,000
		kW		31.4	39.3
	Power Input	W		13,300	17,100
Optional LEHK ³	Power Input	\		20kW (LEHK-20A-10/12.5T)	20kW (LEHK-20A-10/12.5T)
	Power Input	\		24kW (LEHK-24A-10T)	28kW (LEHK-28A-12.5T)
Max. input consumption (Standard)			W	17,200	21,800
Max. input consumption (High static pressure)			W	18,750	23,650
Max. circuit ampacity			A	53	63
Max. overcurrent protection			A	60	70
Performance (Standard)	Indoor fan air flow	CFM		3,800	4,200
		l/s		1,794	1,983
	Outdoor fan air flow	CFM		14,750	11,190
		l/s		6,965	5,284
	ESP	Pa		70(0 - 200)	90 (0 - 225)
		in.w.g.		0.28 (0 - 0.8)	0.36 (0 - 0.9)
	EER ¹	Btu/h.W		11.2	11.0
Evaporator fan (Standard)	EER ²	Btu/h.W		8.0	7.9
	Type	\		Centrifugal	Centrifugal
	Material	\		Metal	Metal
	Quantity	\		1	1
Compressor	Drive type	\		Belt, adjustable	Belt, adjustable
	Type	\		Scroll	Scroll
	Quantity	\		2	2
Outdoor sound pressure level ⁴			dB(A)	72.0	78.0
Refrigerant	Type	\		R410A	R410A
	Volume	kg		6.4+6.4	6.8+6.8
	Control	\		Throttle valve	Throttle valve
Thermostat (Standard)			\	KJR-29B/BK-E	KJR-29B/BK-E
Net dimensions (W×H×D)		mm		2,230×1,255×1,965	2,230×1,255×1,965
		inch		87-7/8 × 49-3/8 × 77-3/8	87-7/8 × 49-3/8 × 77-3/8
Packing dimensions (W×H×D)		mm		2,240×1,290×1,980	2,240×1,290×1,980
		inch		88-1/4 × 50-3/4 × 78	88-1/4 × 50-3/4 × 78
Net / Gross weight		kg		615 / 650	660 / 695
		lbs		1,356 / 1,433	1,455 / 1,533
Filter	Quantity	\		3	3
	Type	\		Nylon	Nylon

SPEC TABLES - Commercial

Nominal ton		(Ton)	15	20
Model			LUNZEQ150YLK	LUNZEQ200YLK
Type			Side-discharge	Side-discharge
Power Supply		\	380 - 415V, 3Ph~, 60Hz	380 - 415V, 3Ph~, 60Hz
Cooling ¹	Capacity	Btu/h	166,000	266,000
		kW	48.4	78
	Power Input	W	15,100	23,750
Cooling ²	Cooling Capacity	Btu/h	140,000	232,000
		kW	41	67.6
	Power Input	W	17,500	27,950
Optional LEHK ³	Power Input	\	20kW (LEHK-20A-10/12.5T)	28kW (LEHK-28A-25T)
	Power Input	\	28kW (LEHK-28A-12.5T)	36kW (LEHK-36A-25T)
Max. input consumption (Standard)		W	22,160	33,530
Max. input consumption (High static pressure)		W	24,260	36,280
Max. circuit ampacity		A	63	81.9
Max. overcurrent protection		A	70	90
Performance (Standard)	Indoor fan air flow	CFM	4,700	7,400
		l/s	2,162	3,404
	Outdoor fan air flow	CFM	14,750	11,190
		l/s	6,932	5,259
	ESP	Pa	90(0-200)	110(0-300)
		in.w.g.	0.36(0-0.8)	0.44(0-1.2)
	EER ¹	Btu/h.W	11	11.2
	EER ²	Btu/h.W	8	8.3
Evaporator fan (Standard)	Type	\	Centrifugal	Centrifugal
	Material	\	Metal	Metal
	Quantity	\	1	1
	Drive type	\	Belt, adjustable	Belt, adjustable
Compressor	Type	\	Scroll	Scroll
	Quantity	\	2	2
Outdoor sound pressure level ⁴		dB(A)	67.6	75
Refrigerant	Type	\	R410A	R410A
	Volume	kg	7.5+6.9	14+14
	Control	\	Throttle valve	Throttle valve
Thermostat (Standard)		\	KJR-29B/BK-E	KJR-29B/BK-E
Drainage pipe		\	3/4" NPT	3/4" NPT
Ambient temperature		°C	10- 52	10- 52
		°F	50 - 125.6	50 - 125.6
Net dimensions (W×H×D)		mm	2,230×1,255×1,965	2,885×1,655×2,230
		inch	87-7/8 × 49-3/8 × 77-3/8	113-5/8 × 65-1/8 × 87-7/8
Packing dimensions (W×H×D)		mm	2,240×1,290×1,980	2,895×1,690×2,230
		inch	88-1/4 × 50-3/4 × 78	114 × 66-1/2 × 87-7/8
Net / Gross weight		kg	660/715	1,177/1,257
		lbs	1,452/1,573	2,589/2,765
Filter	Quantity	\	3	3
	Type	\	Nylon	Nylon

SPEC TABLES - Commercial

Nominal ton		(Ton)	25	28
Model			LUNZEQ250YLK	LUNZEQ280YLKH
Type			Side-discharge	Side-discharge
Power Supply		\	380 - 415V, 3Ph~, 60Hz	380-415V-3N~60Hz
Cooling ¹	Capacity	Btu/h	282,000	302,000
		kW	82.6	88.5
Cooling ²	Power Input	W	28,200	30,200
	Cooling Capacity	Btu/h	248,000	264,000
		kW	72.7	77.37
Optional LEHK ³	Power Input	W	34,100	37,200
	Power Input	\	28kW (LEHK-28A-25T)	28kW (LEHK-28A-25T)
		\	36kW (LEHK-36A-25T)	36kW (LEHK-36A-25T)
Max. input consumption (Standard)		W	40,500	/
Max. input consumption (High static pressure)		W	43,850	4,4850
Max. circuit ampacity		A	81.9	86.8
Max. overcurrent protection		A	90	90
Performance (Standard)	Indoor fan air flow	CFM	10,000	/
		l/s	4,722	/
	Outdoor fan air flow	CFM	21,200	/
		l/s	10,011	/
	ESP	Pa	110 (0 - 300)	/
		in.w.g.	0.44 (0 - 1.2)	/
	EER ¹	Btu/h.W	10.0	/
	EER ²	Btu/h.W	7.2	/
Evaporator fan (Standard)	Type	\	Centrifugal	Centrifugal
	Material	\	Metal	Metal
	Quantity	\	1	1
	Drive type	\	Belt, adjustable	Belt, adjustable
		Type	\	Scroll
Outdoor sound pressure level ⁴		dB(A)	79.0	79.0
Refrigerant	Type	\	R410A	R410A
	Volume	kg	14.0+14.0	14.0+14.0
	Control	\	TXV	Capillary
Thermostat (Standard)		\	KJR-29B/BK-E	KJR-29B/BK-E
Thermostat (Optional, 220V signal)		\	Yes	Yes
Operation temperature	°C		17 - 30	17-30
	°F		62 - 88	62-88
Drainage pipe	\		3/4" NPT	3/4" NPT
Ambient temperature	°C		10- 52	10-52
	°F		50 - 125.6	50 - 125.6
Net dimensions (W×H×D)	mm		2,885×1,655×2,230	2,885×1,655×2,230
	inch		113-5/8 × 65-1/8 × 87-7/8	113-5/8×65-1/8×87-7/8
Packing dimensions (W×H×D)	mm		2,895×1,690×2,230	2,895×1,690×2,230
	inch		114 × 66-1/2 × 87-7/8	114×66-1/2×87-7/8
Net / Gross weight	kg		1,180 / 1,260	1,190 / 1,260
	lbs		2,602 / 2,778	2,602 / 2,778
Filter	Quantity	\	3	3
	Type	\	Nylon	Nylon

airfel

