


Wall Mounted Ductless HEAT PUMPS

LZ SERIES: LZAS1 & LZAH1

9,000, 12,000 & 15,000 BTU/h

Extra Low Temperature Heating



FUJITSU



Most Efficient
2022
www.energystar.gov

10 YEAR
FULL
WARRANTY
PARTS & LABOUR*

*Limitations may apply

HIGH PERFORMANCE WALL MOUNTED HEAT PUMPS

COMFORT CONDITIONING TWENTY-FOUR-SEVEN, THREE-SIXTY-FIVE

Fujitsu designs innovative units using the latest technology to provide you with year-round comfort.

Reliable comfort when you really need it

When the temperature gets extremely cold, you want the assurance and reliability of a system that performs well. Fujitsu's XLTH series units are designed to provide maximum heat and to withstand extreme cold down to -26°C.



UNPARALLELED PERFORMANCE - SLEEK AND MODERN DESIGN

LZAH1 systems achieve unparalleled performance with a best in class COP* exceeding 5.33.

Performance that has earned the LZAH1 the "Most Efficient" designation, all while maintaining a sleek and modern design.

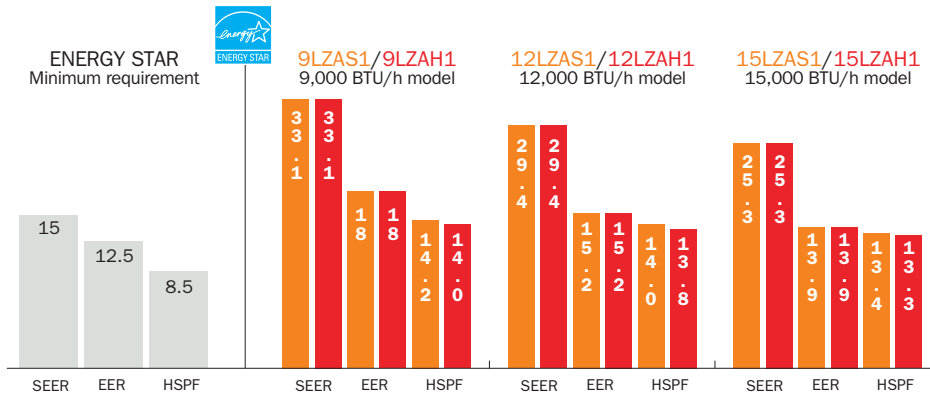
There's reliability, then there's Fujitsu reliability

Fujitsu systems are incredibly reliable: greater than 99.99% have never required replacement within the expected life of the system. This exceptionally high rate of reliability stems from Fujitsu's unrivaled quality control processes. Fujitsu's commitment to quality combines four decades of HVAC experience with state-of-the-art testing technologies. The rigorous testing ensures Fujitsu's heating and cooling systems function reliably and efficiently even when pitted against the most extreme temperatures and inclement conditions.

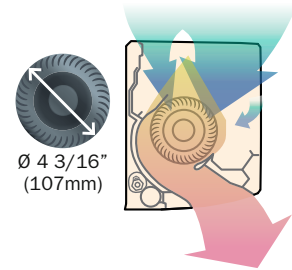
*COP - Coefficient of Performance, indicates the efficiency of a heat pump. It is defined by the ratio between the units energy consumption and the amount of heat it produces. A heat pump with a COP of 5 produces 5 times more energy than it consumes. Therefore a higher COP means a unit is more efficient and it will consume less electricity.

High efficiency

These top of the line, high efficiency systems feature a state-of-the-art heat transfer system design with increased fan performance. Experience considerable energy savings with up to 30% reduction in energy consumption.



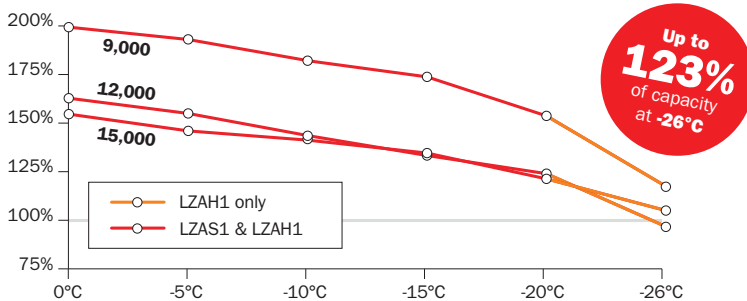
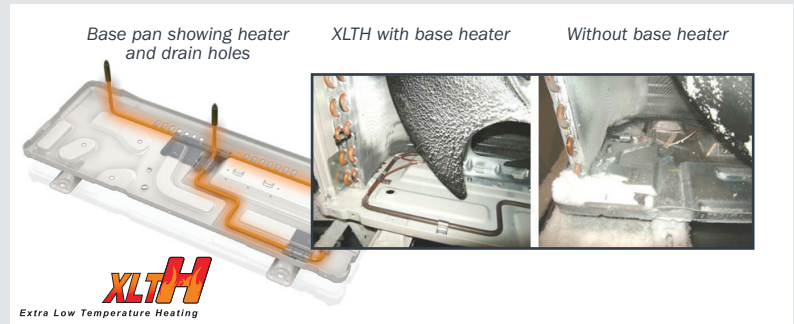
Optimal ventilation



Large cross flow fan – A new and improved fan design delivers higher performance with lower energy consumption and whisper-quiet operation as low as 23dB(A). Greater airflow up to 583 CFM delivers greater temperature stability throughout the conditioned space.

Base pan heater (XLTH models only)

The LZAH1 unit comes equipped with a base pan heater. When outdoor temperatures fall to 0°C or below, the base pan heater is activated in order to prevent condensation from freezing. Without a base pan heater frozen condensate can cause noise, damage the condenser coil, break fan blades and reduce overall system performance.



Proven performance

XLTH systems achieve unparalleled performance surpassing the highest efficiency standards. For example, the 9,000 BTU/h model generates 11,100 BTU/h, or 123% of its rated capacity at -26°C.

Simply unbeatable.



Optional Smart Thermostat Connectivity

The UTYTTRX thermostat adapter facilitates connection of common smart thermostats. (smart thermostat sold separately)

UTYTTRXZ1



Smart Device Control

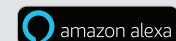
(built-in on LZAS and optional on LZBS)

Wi-Fi capability allows the LZAS series to be controlled from anywhere using the FGLair app on a smart device, with no loss of system efficiency.

(FGLair app is available for download on the Apple App store and Google Play store.)



Use voice control for your Fujitsu LZAS system through Amazon Echo or Google Home speakers.






Optional accessories

Wired Remote Controller UTYRNRUZ5	Simple Remote Controller UTYRSRY, UTYRHRY	Communication Kit UTYTWRXZ2	External Input and Output PCB UTYXCSXZ1	Thermostat Converter UTYTTRXZ1	Wireless LAN Interface for LZBS models UTYTFSXF1
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Performance & warranty

Fujitsu heat pumps are designed to last and deliver unmatched performance year after year. This is why Fujitsu equipment is backed by one of the best warranties in the industry. Furthermore, your Fujitsu certified dealer is supported by The Master Group, the largest independent HVAC-R distributor in Canada. For 70 years, The Master Group has distinguished itself for its extensive inventory, exceptional customer service, and technical expertise.

							 Extra Low Temperature Heating 			
Model	Indoor Unit*			ASUG09LZAS ASUG09LZBS	ASUG12LZAS ASUG12LZBS	ASUG15LZAS ASUG15LZBS	ASUG09LZAS ASUG09LZBS	ASUG12LZAS ASUG12LZBS	ASUG15LZAS ASUG15LZBS	
	Outdoor Unit			A0UG09LZAS1	A0UG12LZAS1	A0UG15LZAS1	A0UG09LZAH1	A0UG12LZAH1	A0UG15LZAH1	
Power Source			V / Ø/ Hz	208/230 V/1Ø/60Hz			208/230 V/1Ø/60Hz			
Capacity	Cooling	BTU/h (Min.-Max.)		9,000 (3,100-12,000)	12,000 (3,100-13,600)	14,500 (3,100-18,400)	9,000 (3,100-12,000)	12,000 (3,100-13,600)	14,500 (3,100-18,400)	
	Heating			12,000 (3,100-22,000)	16,000 (3,100-22,100)	18,000 (3,100-23,900)	12,000 (3,100-22,000)	16,000 (3,100-22,100)	18,000 (3,100-23,900)	
Input Power	Cooling/Heating		kW	0.50/0.66	0.79/1.01	1.04/1.15	0.50/0.66	0.79/1.01	1.04/1.15	
EER	Cooling		BTU/hW	18	15.2	13.9	18	15.2	13.9	
COP	Heating		kW/kW	5.33	4.63	4.60	5.33	4.63	4.60	
SEER	Cooling			33.1	29.4	25.3	33.1	29.4	25.3	
HSPF (region 4)	Heating			14.2	14	13.4	14	13.8	13.3	
Running Current	Cooling/Heating		A	2.5/3.3	3.8/4.7	4.8/5.2	2.5/3.3	3.8/4.7	4.8/5.2	
Max. Operating Current	Cooling/Heating			10.9	10.9	13.4	11.9	11.9	14.4	
Max. Circuit Breaker				15	15	20	15	15	20	
Airflow Rate	Indoor	Hi/Me/Lo/Quiet		CFM (m³/h)	542/406/312/206 (920/690/530/350)	542/406/312/206 (920/690/530/350)	583/459/312/241 (996/780/530/410)	542/406/312/206 (920/690/530/350)	542/406/312/206 (920/690/530/350)	583/459/312/241 (996/780/530/410)
	Outdoor				1,089/1,089 (1,850/1,850)	1,171/1,089 (1,990/1,850)	1,218/1 348 (2,070/2,290)	1,089/1,089 (1,850/1,850)	1,171/1,089 (1,990/1,850)	1,218/1,348 (2,070/2,290)
Sound Pressure	Indoor	Cooling	Hi/Me/ Lo/Quiet	dB(A)	43/37/31/23	43/37/31/23	45/40/32/26	43/37/31/23	43/37/31/23	45/40/32/26
		Heating			43/36/31/23	43/36/31/23	45/39/32/26	43/36/31/23	43/36/31/23	45/39/32/26
	Outdoor (Cooling/Heating)			46/47	47/47	49/50	46/47	47/47	49/50	
Net Dimensions (H x W x D)	Indoor		in. (mm)	11 1/16 x 38 9/16 x 9 7/16 (280 x 980 x 240)			11 1/16 x 38 9/16 x 9 7/16 (280 x 980 x 240)			
	Outdoor			24 7/8 x 31 7/16 x 11 7/16 (632 x 799 x 290)			24 7/8 x 31 7/16 x 11 7/16 (632 x 799 x 290)			
Net Weight	Indoor		lbs (kg)	28 (12.5)			28 (12.5)			
	Outdoor			84 (38)	84 (38)	86 (39)	86 (39)	86 (39)	88 (40)	
Connection Method				Flare			Flare			
Piping Connection	Liquid - Gas		in. (mm)	1/4 - 3/8 (6.35/9.52)	1/4 - 3/8 (6.35/9.52)	1/4 - 1/2 (6.35/12.70)	1/4 - 3/8 (6.35/9.52)	1/4 - 3/8 (6.35/9.52)	1/4 - 1/2 (6.35/12.70)	
Max. Pipe Length - Pre-Charge			ft. (m)	66 (20) - 46 (15)			66 (20) - 46 (15)			
Max. Height Difference			ft. (m)	49 (15)			49 (15)			
Moisture Removal			pints/h (L/h)	2.5 (1.2)	2.7 (1.3)	4 (1.9)	2.5 (1.2)	2.7 (1.3)	4 (1.9)	
Operation Range	Outdoor	Cooling	C° (°F)	-10~-46 (14~-115)			-10~-46 (14~-115)			
		Heating		-21~-24 (-5~-75)			-26~-24 (-15~-75)			
Refrigerant				R410A			R410A			

*LZAS models **WITH** built-in Wi-Fi, LZBS models **WITHOUT** built-in Wi-Fi



Authorized dealer



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit www.energystar.gov.

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The best complete warranty available on the market is offered on each residential Fujitsu system. To accept this offer, the qualifying product must be registered online via contractors.fujitsugeneral.com/registration/dsp_step_one.cfm within 60 days of the installation date. Otherwise, the manufacturer's standard 5-year parts and 7-year compressor warranty applies, no labor.

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