


Wall Mounted Ductless HEAT PUMPS

LZ SERIES: LZAS1 & LZAH1

9, 12 & 15,000 BTU/h

XLTH

Extra Low Temperature Heating


FUJITSU



Most Efficient
2020
www.energystar.gov

5 YEAR
LIMITED
WARRANTY
ON PARTS

7 YEAR
LIMITED
WARRANTY
COMPRESSOR

HIGH PERFORMANCE WALL MOUNTED HEAT PUMPS

ADVANCED TECHNOLOGY FOR CONSISTENT AND PERFECT COMFORT IN WINTER AND SUMMER

Fujitsu designs innovative units from the latest technology to provide you with year-round optimal 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 to withstand extreme colds down to -26°C.



UNMATCHED PERFORMANCE AND SLEEK DESIGN

LZAH1 systems achieve unmatched performance, including a COP* of over 5.33, the highest in the industry. Performances that have earned the "Most efficient" designation, all in a sleek and modern package.

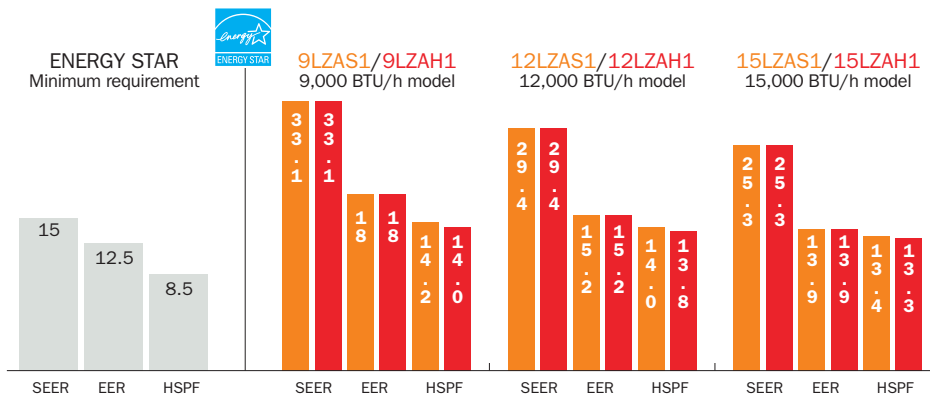
There's reliability, then there's Fujitsu reliability

Fujitsu systems are remarkably reliable: greater than 99.99% have never had to be replaced or removed from where they've been installed during the life expectancy of the unit. This exceptionally high rate of reliability stems from Fujitsu's unrivaled quality control processes. This commitment to quality combines 40 years of HVAC experience with state-of-the-art testing technology. This rigorous testing leads to heating and cooling systems that function both reliably and effectively even in extreme temperatures or other inclement conditions.

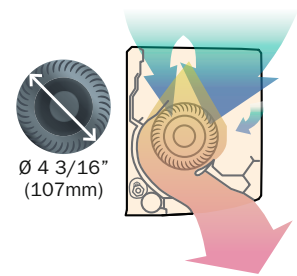
*COP - Coefficient of Performance, indicates the efficiency of a heat pump. It is defined by the ratio between the units energy consumption and the amount of heat it produces. A heat pump with a COP of 5 produces 5 times more energy than it consumes. Therefore a higher COP means that a unit is more efficient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

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.



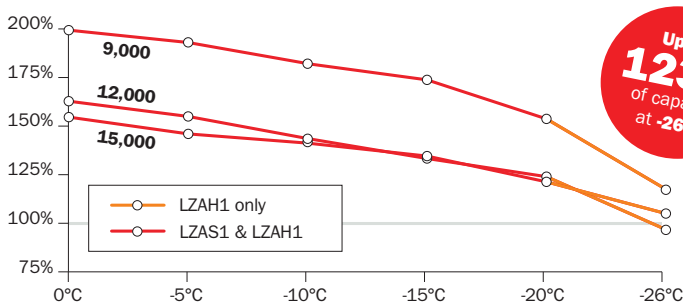
Optimal ventilation



Large cross-flow fan – New and improved fan design that delivers high performance with lower energy consumption, ultra-quiet operation, down to 23 dB, for a better temperature stability all around the house with a high CFM of up to 583.

Base pan heater (XLTH models only)

The LZAH1 unit comes equipped with a base pan heater that provides sufficient heating even at extremely low outdoor temperatures. When outdoor temperature falls to 0°C or below, the base pan heater is activated in order to prevent condensation from freezing. Without a heater, freezing condensate can cause noise and damage to the fan blades and condenser and can reduce overall system performance.



Proven performance

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

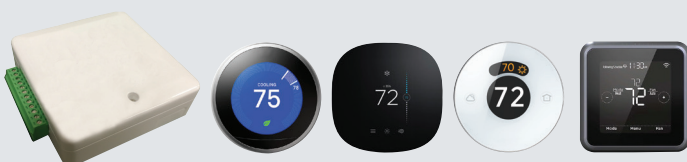
Simply unbeatable.



Third party thermostat converter (optional)

Control your Fujitsu heating and cooling system with your favourite smart thermostat (not included).

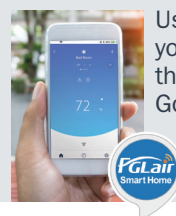
UTYTTRX



Smart device control

Built-in 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 UTYRNRU24	Simple Remote Controller UTYRSRY, UTYRHRY	Communication Kit UTYTWRXZ2	External Input and Output PCB UTYXCSXZ1	Thermostat Converter UTYTTRX
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Guaranteed comfort

Fujitsu heat pumps are designed to last and deliver unmatched performance year after year... This is why Fujitsu offers a complete warranty on parts, labor and compressor. Furthermore, your Fujitsu certified dealer is supported by The Master Group, the largest independent HVAC-R distributor in Canada. For nearly 70 years, The Master Group has distinguished itself for its extensive inventory, exceptional customer service, and technical expertise. An additional insurance for peace of mind for many years.

							 			
Model	Indoor Unit			ASUG09LZAS	ASUG12LZAS	ASUG15LZAS	ASUG09LZAS	ASUG12LZAS	ASUG15LZAS	
	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			

5 YEAR
LIMITED WARRANTY
ON PARTS

7 YEAR
LIMITED WARRANTY
COMPRESSOR

10 YEAR
LIMITED WARRANTY
ON PARTS

Every Fujitsu residential system is backed with a 5-year parts and 7-year compressor warranty.

For extra peace of mind, register your qualifying product on-line at contractors.fujitsugeneral.com/registration/dsp_step_one.cfm within 60 days of installation to benefit our extended protection offering up to 10-year parts coverage on residential applications. Otherwise, the warranty reverts to the manufacturer's standard 5-year parts and 7-year compressor warranty.

Ask about the Fujitsu IAP Infinite Assurance Program for additional labor warranty.



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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