## Wall Mounted Ductless HEAT PUMPS LM SERIES

9, 12, 18 & 24,000 BTU/h

# FUJITSU

FUITSU





### WALL MOUNTED HEAT PUMPS

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

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

#### Our goal: to make the world a more comfortable place

A long tradition of innovation and technological breakthroughs is at the heart of the company's philosophy. The insight and experience Fujitsu engineers gained over many years in developing products to improve consumer living has guided the development of the most efficient residential and commercial comfort systems using the most advanced technologies in the world.

#### SLIM & STYLISH DESIGN

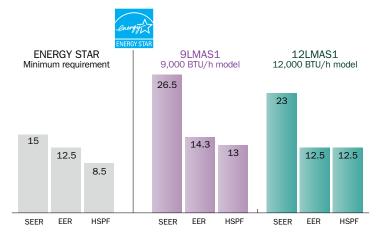
Best in class, feature packed, inverter heat pump system with new slim wall-mounted system and improved fan design.

#### **Reliability you can count on**

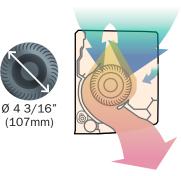
At Fujitsu, reliability means maintaining a consistent track record of product excellence. That's why 99.9% of Fujitsu customers have avoided replacing their system during its lifespan. Fujitsu's quality control standards are backed by four decades of HVAC experience and state-of-the-art testing technologies. This rigorous testing ensures that heating and cooling systems function as intended: with unrivalled efficiency and reliability. When it comes to staying comfortable in harsh conditions, trust Fujitsu to have your back.

#### **High efficiency**

High efficiency, ENERGY STAR rated systems with stateof- the art coil design and increased fan performance.



#### **Optimal ventilation**



Large cross flow fan – New improved fan design delivers higher performance with lower energy consumption and whisper quiet operation as low as 19 dB. Greater airflow up to 453 CFM to delivers greater temperature stability throughout the conditioned space.

#### **Smart device control** (optional)

Wi-Fi compatible systems such as the LMAS series can be controlled from anywhere using the FGLair app on a mobile device, or smart home devices such as Amazon Echo or Google Home.

UTYTFSXF1

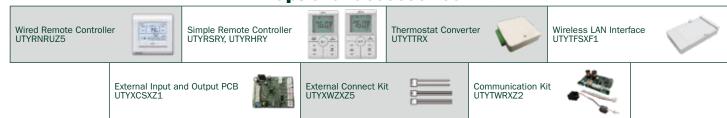


#### **Optional Smart Thermostat** Connectivity

UTYTTRX



#### **Optional accessories**



#### **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. Not only that, your Fujitsu dealer is supported by The Master Group, the largest, independently owned HVAC-R distributor in Canada with a 70 year history of providing extensive inventory, exceptional customer service, and unmatched technical expertise.

| Model                         | Indoor Unit<br>Outdoor Unit |              | ASUGO9LMAS ASUGO9LMAS     | ASUG12LMAS 🥁<br>AOUG12LMAS1 | ASUH18LMAS 🚟<br>AOUH18LMAS1 | ASUH24LMAS ASUH24LMAS      |
|-------------------------------|-----------------------------|--------------|---------------------------|-----------------------------|-----------------------------|----------------------------|
| mouor                         |                             |              |                           |                             |                             |                            |
| Performance                   |                             |              |                           |                             | ,                           | ,                          |
| Nominal                       |                             |              | 9,000                     | 12,000                      | 18,000                      | 22,000                     |
| MinMax.                       | - Cooling<br>- Heating      | _ BTU/h      | 3,400-10,900              | 3,400-13,300                | 7,000-20,000                | 9,100-27,300               |
| Nominal                       |                             |              | 12,000                    | 16,000                      | 21,600                      | 25,200                     |
| MinMax.                       |                             |              | 2,800-15,000              | 2,800-19,100                | 8,000-29,000                | 8,200-37,000               |
| SEER                          |                             | 26.5         | 23.0                      | 21.1                        | 22.5                        |                            |
| HSPF                          |                             |              | 13.0                      | 12.5                        | 12.5                        | 12.0                       |
| EER                           |                             |              | 14.3                      | 12.5                        | 13.0                        | 12.5                       |
| Operating Range               | Cooling                     | • F (°C)     | 14~115 (-10~46)           | 14~115 (-10~46)             | 14~115 (-10~46)             | 14~115 (-10~46)            |
|                               | Heating                     |              | 5~75 (-15~24)             | 5~75 (-15~24)               | 5~75 (-15~24)               | 5~75 (-15~24)              |
| Moisture Removal              |                             | Pt./h (l/h)  | 2.7 (1.3)                 | 3.8 (1.8)                   | 4.0 (1.9)                   | 6.3 (3.0)                  |
| Fan (Cooling Mode)            |                             |              |                           |                             |                             |                            |
| Air Circulation               | Hi                          | - CFM (m³/h) | 453 (770)                 | 453 (770)                   | 577 (980)                   | 647 (1,100)                |
|                               | Medium                      |              | 353 (600)                 | 353 (600)                   | 489 (830)                   | 530 (900)                  |
|                               | Low                         |              | 265 (450)                 | 265 (450)                   | 377 (640)                   | 436 (740)                  |
|                               | Quiet                       |              | 147 (250)                 | 147 (250)                   | 300 (510)                   | 371 (630)                  |
| Fan Speed Stage               | -                           | 1            | 4+Auto                    | 4+Auto                      | 4+Auto                      | 4+Auto                     |
| Sound                         |                             |              |                           |                             | I                           | I                          |
| Indoor Sound Level (Clg/Htg)  | Hi                          | dB(A)        | 43/43                     | 43/43                       | 46/46                       | 46/48                      |
|                               | Medium                      |              | 36/38                     | 36/38                       | 41/41                       | 42/38                      |
|                               | Low                         |              | 30/33                     | 30/33                       | 35/35                       | 37/34                      |
|                               | Quiet                       |              | 19/21                     | 19/21                       | 30/30                       | 33/30                      |
| Outdoor Sound Level           | Clg/Htg                     |              | 46/48                     | 49/51                       | 49/50                       | 52/54                      |
| Electrical                    |                             | 1            |                           |                             |                             |                            |
| Voltage/Frequency/Phase       |                             |              | 208-230/60/1              | 208-230/60/1                | 208-230/60/1                | 208-230/60/1               |
| Circuit Breaker               |                             |              | 15                        | 15                          | 20                          | 20                         |
| Current Rated/Max             | Cooling                     | Amps         | 3.1/6.4                   | 4.7/6.9                     | 6.2/13.4                    | 7.8/15.4                   |
| Current Rated                 | Heating                     |              | 4.0/7.9                   | 6.0/9.4                     | 7.0/13.9                    | 8.3/15.9                   |
| Power Use Rated/Max           | Cooling                     | - kW         | 0.63/0.92                 | 0.96/1.27                   | 1.38/ 1.86                  | 1.76/ 2.63                 |
|                               | Heating                     |              | 0.84/1.61                 | 1.28/1.67                   | 1.58/ 2.82                  | 1.87/ 3.53                 |
| Size & Weight                 |                             | 1            |                           |                             |                             |                            |
| Net Weight                    |                             | lbs (kg)     | 22 (10)                   | 22 (10)                     | 29 (13.0)                   | 36 (16.5)                  |
| Dimensions                    | Height                      | in (mm)      | 10 5/8 (270)              | 10 5/8 (270)                | 11 (280)                    | 13 6/16 (340)              |
|                               | Width                       |              | 32 13/16 (834)            | 32 13/16 (834)              | 38 9/16 (980)               | 45 1/4 (1,150)             |
|                               | Depth                       |              | 8 3/4 (222)               | 8 3/4 (222)                 | 9 7/16 (240)                | 11 (280)                   |
| Refrigerant                   |                             | 1            | R410A                     | R410A                       | R410A                       | R410A                      |
| Additional Data               |                             |              |                           |                             |                             |                            |
| Air Direction                 | Horizontal                  |              | Manual                    | Manual                      | Manual                      | Manual                     |
|                               | Vertical                    |              | Automatic                 | Automatic                   | Automatic                   | Automatic                  |
| Air Filter                    |                             | Washable     | Washable                  | Washable                    | Washable                    |                            |
| Minimum Lineset Length        |                             | 16 (5)       | 16 (5)                    | 16 (5)                      | 16 (5)                      |                            |
| Maximum Lineset Length ft (m) |                             | ft (m)       | 66 (20) (pre-charge: 49') | 66 (20) (pre-charge: 49')   | 164 (50) (pre-charge: 49')  | 164 (50) (pre-charge: 66') |
| Max. Vertical Diff.           |                             |              | 49 (15)                   | 49 (15)                     | 98 (30)                     | 98 (30)                    |
| Lineset Size in               |                             | Gas 3/8      | Gas 3/8                   | Gas 5/8                     | Gas 5/8                     |                            |

Note: Figures are based on 230 Volts





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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 <u>www.energystar.gov</u>.



Authorized dealer

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

Via contractors.jujitsugeneral.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 labo