FUJITSU

AIR CONDITIONING

Split Air Conditioner

A++

(30 class)

Wireless R.C.

AOYG30/36LMTA

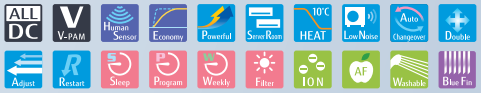
**Option**

UTY-RVNYM

UTY-RNRYZ1

UTY-RLRY

UTY-RSNYM

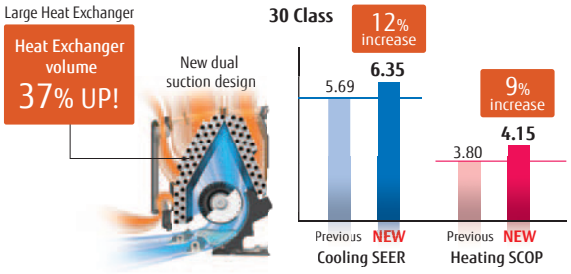



**ASYG30LMTA** **ASYG36LMTA**

# Wall Mounted LMTA Range

Feature

## High Energy Efficiency




Feature

## Human Sensor

The sensor detects the movement of people in the room and optimises the power consumption of the unit by automatically adjusting the operating mode.

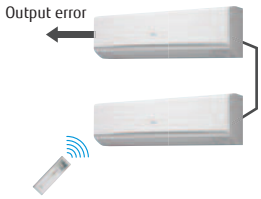
Feature

## Corresponding to the server room

**1 Operation**

Cooling operation can be performed even in the low outdoor temperature and low humidity environment. In addition, the following interlock operation is possible by connecting two indoor units with a cable.

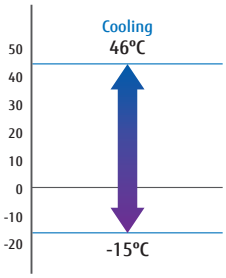
- **Rotating operation**
  (Two units operate alternately)
- **Backup operation**
  (In case one unit breaks down, the other unit starts operation automatically.)
- **Support operation**
  (Both units operate simultaneously when the loaded capacity is not enough with one unit)




**2 Low ambient operation**

- Stable cooling operation is guaranteed down to -15°C outdoor temperature.
- Keep high sensible cooling performance (Approx. 75% capacity of rated condition) at -15°C outdoor temperature.
  (Room temperature condition: DB 27 °C WB 19 °C)
- Server room function can be set at site.

-15 °C




Feature

## Other functions

**1 Outdoor unit low noise mode**
The reduction of noise at night can be set by remote controller.

**2 50m long piping Length**
Long piping length allow to extend to 50m to support installing indoor unit in center of building.

**3 KNX / Modbus connection**
Cooperation with external BMS is possible. (with option)

## Optional parts

NEW

**Wired Remote Controller (Touch panel (two wire)) : UTY-RNRYZ1 + UTY-TWRX**
Corresponds to twelve languages.
(English, German, French, Spanish, Italian, Portuguese, Dutch, Polish, Greek, Russian, Turkish, Chinese)

Wired Remote Controller (High grade (three wire)) : UTY-RVNYM + UTY-XWNX
Wired Remote Controller (two wire) : UTY-RLRY + UTY-TWRX
Simple Remote Controller (three wire) : UTY-RSNYM + UTY-XWNX
External input and output PCB: UTY-XCSXZ1 + UTZ-GXXB
External Connect Kit: UTY-XWZX

## Feature explanation

**Human sensor :** Human sensor detects the movement of people in the room and judges whether the energy saving operation.

**Economy mode :** Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.

**Powerful mode :** Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.

**Server room operation :** Interlock operation is possible by connecting 2 indoor units even in the low temperature.

**Powerful mode :** Operation at maximum air flow and compressor speed, and quickly makes the room comfortable.

**Low noise mode :** Sound noise level of outdoor unit can be selected.

**Auto-changeover :** The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.

**Double swing automatic :** Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.

**Automatic fan speed :** The micro-computer automatically adjusts the airflow effectively to follow the changes of room temperature.

**Auto restart :** In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once power supply is restored.

**Sleep timer :** The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.

**Program timer :** This digital timer allows selection of one of four options:
ON, OFF, ON → OFF or OFF → ON.

**Weekly timer :** Different ON-OFF times can be set for each day.

**Filter sign :** Indicates the filter cleaning period by lamp.

**Ion deodorization filter :** The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultrafine-particle ceramic.

**Apple-catechin filter :** The Apple-catechin filter uses static electricity to clean fine particles and dust in the air.

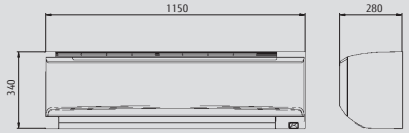
**Washable panel :** Since the front panel is easy to remove, maintenance is also easy.

**Blue fin**

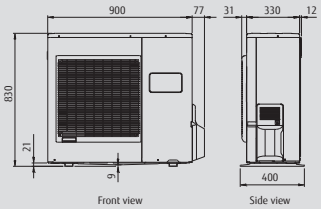
## Dimensions

(Unit : mm)

**Indoor unit :** ASYG30LMTA / ASYG36LMTA




**Outdoor unit :** AOYG30LMTA / AOYG36LMTA




## Specifications

(TENTATIVE)

| | Indoor | ASYG30LMTA | ASYG36LMTA |
|---|---|---|---|
| | Outdoor | AOYG30LMTA | AOYG36LMTA |
| Nominal Capacity (kW) | Cooling | 8.0 (2.9-9.0) | 9.4 (2.9-10.0) |
| | Heating | 8.8 (2.2-11.0) | 10.1 (2.7-11.2) |
| UK Total / Sensible Cooling * | | 7.88 / 5.86 | 9.00 / 6.63 |
| Power Consumption (kW) | Cooling | 2.33 | 3.16 |
| | Heating | 2.41 | 2.96 |
| EER / COP (Nominal Conditions) | | 3.43 / 3.65 | 2.97 / 3.41 |
| Pdesign (kW) @ -10°C | Cooling | 8.0 | 9.4 |
| | Heating | 6.5 | 7.1 |
| SEER | Cooling | 6.35 | 5.73 |
| SCOP | Heating (Average) | 4.15 | 4.19 |
| Energy Efficiency Class | Cooling | A++ | A+ |
| | Heating (Average) | A+ | A+ |
| Annual Energy Consumption (kWh/a) | Cooling | 441 | 575 |
| | Heating | 2193 | 2373 |
| Moisture Removal | l/h | 2.7 | 3.7 |
| Dimensions (HxWxD) mm | Inner | 340x1150x280 | 340x1150x280 |
| | Outer | 830x900x330 | 830x900x330 |
| Net Weight (kg) | Inner | 18 | 18 |
| | Outer | 61 | 61 |
| Room Air Circulation (high) m3/h | Inner | 1380 | 1380 |
| | Outer | 3600 | 3800 |
| Power Supply | V-PH-Hz | 230-1-50 | 230-1-50 |
| Power Supply To | | Outdoor | Outdoor |
| Running Current (A) | Cooling | 14.5 | 19 |
| | Heating | 14.5 | 19 |
| Starting Current | A | 10.5 | 13.9 |
| Suggested MCB/Fuse | A | 16 | 20 |
| Interconnecting Cable | | 3 + E | 3 + E |
| Remote Control Type | | Wireless | Wireless |
| Sound Pressure (dB(A) Cooling) | Indoor Q/L/M/H | 31/38/44/50 | 31/38/44/50 |
| | Outdoor H | 52 | 52 |
| Sound Power (dB(A) Cooling) | Indoor H | 65 | 65 |
| | Outdoor H | 67 | 68 |
| Max Pipe Length | m | 50 | 50 |
| Max Height Difference | m | 30 | 30 |
| Refrigerant Charge | m | 20 | 20 |
| Additional Refrigerant Charge | g/m | 40 | 40 |
| Pipe Size (inches) | Gas | 5/8 | 5/8 |
| | Liquid | 3/8 | 3/8 |
| Operating Range (OC) | Cooling | -15 to 46 | -15 to 46 |
| | Heating | -15 to 24 | -15 to 24 |
| Refrigerant | | R410A | R410A |

Note
•Cooling/heating capacities are based on the following conditions.

| | |
|---|---|
| Cooling | Indoor temperature 23°CDB / 16°CWB<br>Outdoor temperature 30°C |

- Performance test is in accordance with EN14511
- Seasonal efficiency test is on accordance with EN14825
- Sound power test is in accordance with EN12102

•Specifications and design are subject to change without notice for further improvement.
•Actual products' colors may be different from the colors shown in this printed material.

**Distributed by :**


FUJITSU GENERAL AIR CONDITIONING (UK) LTD
Unit 150 Centennial Park, Centennial Avenue, Elstree, Herts. WD6 3SG
www.fujitsu-general.com/uk
Tel: +44 (0)208 731 3450 Fax: +44 (0)208 731 3451



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