

## Mitsubishi Electric Ecodan air-to-water heat pumps to KNX Secure



Item number: INKNXMIT001A200

This gateway allows full bidirectional communication between Mitsubishi Electric Ecodan air-to-water heat pumps and KNX Data Secure systems.

*Mitsubishi Electric air-to-Water to KNX Secure - 1 AW unit*

### Features and benefits

- ✓ **KNX Data Secure certified**  
Prevent security breaches and comply with the highest cybersecurity standards.
- ✓ **Four binary inputs**  
Reduce the need for KNX components by connecting occupancy sensors, window contacts, and energy meters - including the industry-standard S0 pulse type - directly to the gateway.
- ✓ **Weather compensation curve and auto-adaptation**  
Achieve top energy efficiency without compromising comfort
- ✓ **Coexistence with the Ecodan controller**  
Control the system simultaneously via KNX through the gateway, and locally using the Ecodan controller.
- ✓ **ETS Configuration**  
Set up the gateway easily using the standard KNX configuration tool.
- ✓ **Scene control**  
Maximize comfort and energy saving with up to 10 configurable scenes.
- ✓ **Avoid compatibility issues**  
Supports monoblock and split models of Mitsubishi Electric Ecodan.
- ✓ **Error and runtime monitoring**  
Prevent system downtime and extend the overall lifespan of the Ecodan system.

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| General                      |  |
|------------------------------|--|
| Net Width (mm)               | 40   |
| Net Height (mm)              | 21   |
| Net Depth (mm)               | 40   |
| Net Weight (g)               | 50   |
| Packed Width (mm)            | 115  |
| Packed Height (mm)           | 67   |
| Packed Depth (mm)            | 90   |
| Packed Weight (g)            | 90   |
| Operating Temperature °C Min | 0  |
| Operating Temperature °C Max | 60   |
| Storage Temperature °C Min   | -20  |
| Storage Temperature °C Max   | 60   |
| Power Consumption (W)        | KNX: 30Vd.c/ 25mA AC: 12Vd.c/ 5mA  |
| Configuration                | ETS  |
| Installation Conditions      | This gateway is designed to be mounted inside an enclosure. If the unit is mounted outside an enclosure, precautions should always be taken to prevent electrostatic discharge to the unit. When working inside an enclosure (e.g., making adjustments, setting switches, etc.), typical anti-static precautions should always be followed before touching the unit. |
| AC Model Compatibility       | Compatible with monoblock and split systems from the Mitsubishi Electric Ecodan range.   |
| Content of Delivery          | Intesis Gateway, Installation Manual, AW Connection cable.   |
| Housing Materials            | Plastic  |
| Packaging Material           | Cardboard  |

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## General

|                  |         |
|------------------|---------|
| Warranty (years) | 3 years |
|------------------|---------|

## Identification and Status

|            |                 |
|------------|-----------------|
| Product ID | INKNXMIT001A200 |
|------------|-----------------|

|             |                 |
|-------------|-----------------|
| Predecessor | INKNXMIT001I100 |
|-------------|-----------------|

|         |            |
|---------|------------|
| HS Code | 8517620000 |
|---------|------------|

|   |       |
|---|-------|
| Export Control Classification Number (ECCN) | EAR99 |
|---|-------|

## Physical Features

|                |     |
|----------------|-----|
| LED Indicators | KNX |
|----------------|-----|

|                  |    |
|------------------|----|
| Contains Battery | No |
|------------------|----|

## Certifications and Standards

|    |     |
|----|-----|
| CE | Yes |
|----|-----|

|    |     |
|----|-----|
| CB | Yes |
|----|-----|

|    |     |
|----|-----|
| UL | Yes |
|----|-----|

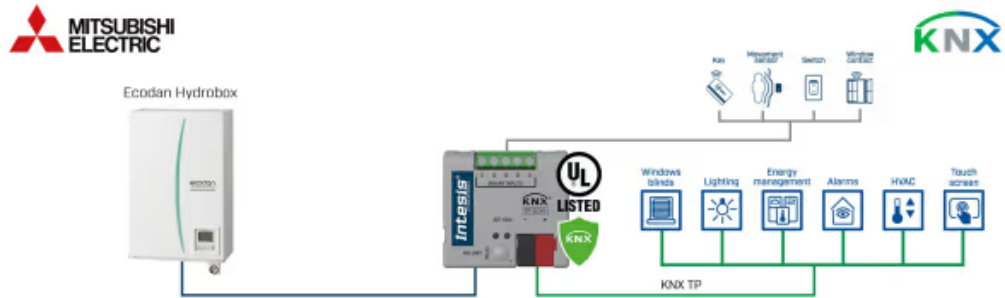
|     |     |
|-----|-----|
| KNX | Yes |
|-----|-----|

|               |                                     |
|---------------|-------------------------------------|
| WEEE Category | IT and telecommunications equipment |
|---------------|-------------------------------------|

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## Use Case



Integration example.