Mitsubishi Heavy Q-Ton heat pumps to KNX



Item number: IN790ATW100A000

This gateway allows the integration of Mitsubishi Heavy Q-Ton air-to-water systems into KNX TP control systems. A single gateway can integrate up to 5 units and 100 points.

Mitsubishi Heavy Q-Ton to KNX – up to 5 units and 100 points

Features and benefits

- **Easy configuration**
  Save commissioning time using Intesis MAPS, the proprietary, user-friendly Intesis configuration tool.
- **High capacity**
  Integrate up to five heat pumps.
- **Error and runtime monitoring**
  Prevent system downtime and extend the overall lifespan of the heat pump system.
- **Preconfigured templates**
  Eliminate manual mapping to reduce engineering time and configuration errors.
- **Customizable extra signals**
  Add up to five specific signals to cover custom integration requirements.

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General

Capacity	Up to 100 points
Net Width (mm)	88
Net Height (mm)	90
Net Depth (mm)	58
Net Weight (g)	194
Packed Width (mm)	127
Packed Height (mm)	86
Packed Depth (mm)	140
Packed Weight (g)	356
Operating Temperature °C Min	-10
Operating Temperature °C Max	60
Power Consumption (W)	1.7
Configuration	Intesis MAPS
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	This product is compatible with Mitsubishi Heavy Q-Ton air-to-water heat pump systems.
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	3 years

Identification and Status

Product ID	IN790ATW100A000_KNX_MHI

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Identification and Status

Country of Origin	Spain
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	EAR99

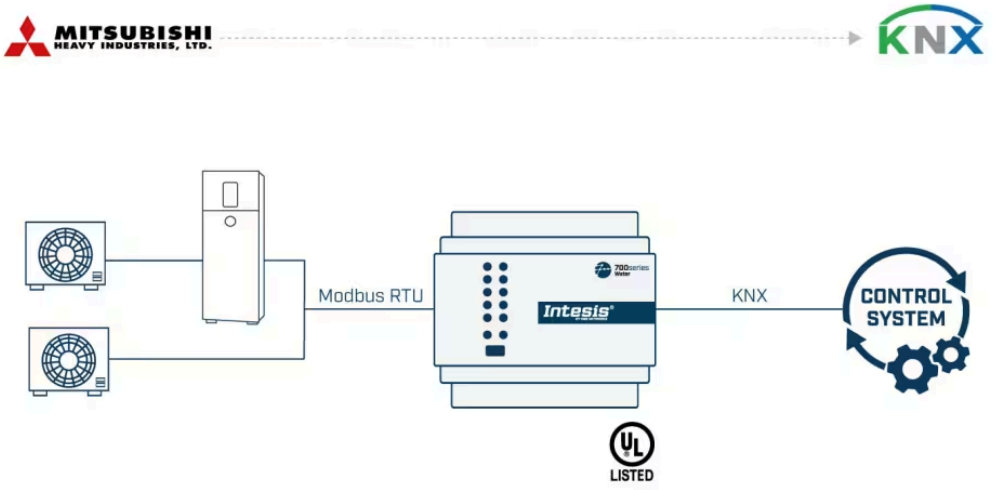
Physical Features

LED Indicators	Gateway and communication status.
Push Buttons	Factory reset.
Contains Battery	Yes

Certifications and Standards

Certifications & Compliance	CE, CB, UKPSTI, UL, KC
WEEE Category	IT and telecommunications equipment

Use Case



Integration example.



BACnet and KNX support, configured via Intesis MAPS templates