



# Mitsubishi Heavy Industries VRF systems to Modbus TCP/RTU Application



General	
Net Width (mm)	106
Net Height (mm)	58
Net Depth (mm)	90
Net Weight (g)	275
Packed Width (mm)	130
Packed Height (mm)	85
Packed Depth (mm)	140
Packed Weight (g)	620
Operating Temperature °C Min	-10
Operating Temperature °C Max	60
Storage Temperature °C Min	-30
Storage Temperature °C Max	60
Power Consumption (W)	127
Input Voltage (V)	For DC: 12 .. 36 VDC $\pm 10\%$ , Max: 250 mA For AC: 24 VAC $\pm 10\%$ , 50-60 Hz, Max: 127 mA Recommended voltage: 24 VDC, Max: 127 mA
Power Connector	3-pole
Configuration	Intesis MAPS
Capacity	Up to 4 indoor units and up to 12 outdoor units.
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.
Content of Delivery	Intesis Gateway and Installation Manual.

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## General

Not Included (in delivery)	Power supply not included.
Mounting	DIN rail mount (bracket included), Wall mount
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	3 years

## Identification and Status

Product ID	IN776MHIXXSO000_MBS_MHI
Country of Origin	Spain
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

## Physical Features

Connectors / Input / Output	Power supply, EIA-485, KNX, Ethernet, HVAC port, Binary inputs (dry contact), Console port USB.
LED Indicators	Gateway and communication status.
Push Buttons	Factory reset. I-Am message (for BACnet only). Normal mode/programming mode switch (for KNX only).
DIP & Rotary Switches	EIA-485 serial port configuration.
Contains Battery	No
Battery Description	Manganese Dioxide Lithium button battery.

## Certifications and Standards

ETIM Classification	EC001604
CE	Yes
CB	Yes

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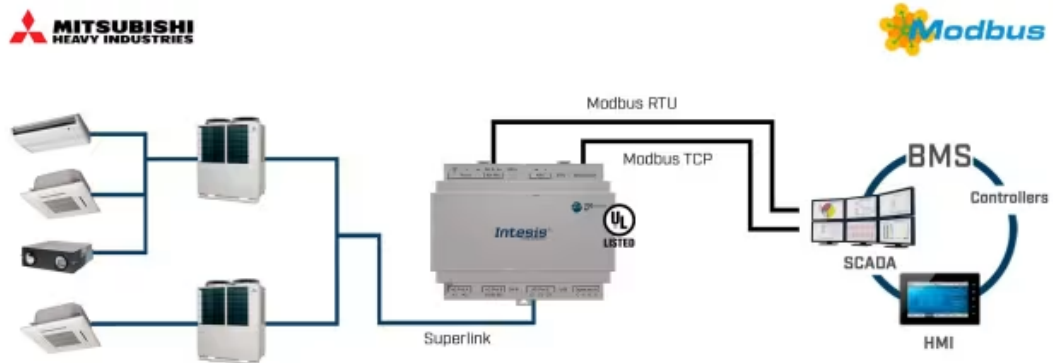
## Certifications and Standards

UKCA	Yes
UKPSTI	Yes
UL	Yes
WEEE Category	IT and telecommunications equipment

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## Use Case



Integration example.



Use Intesis MAPS to change the protocol: BACnet, Modbus, KNX, or Home Automation