# Thermostat

#### electronic thermostat

# Features

- alternate setpoint
- fan options:
  - manual fan speed
  - $\circ\,$  fan speed limits
  - $\,\circ\,$  fan-max with time limitation
- night mode
- various sensor options:
  - $\circ$  internal
  - $\circ$  external
  - remote

# **General description**

TH-1-IQ module belongs to room/zone thermostat controllers. It can be used for any heating and/or cooling system including: fan-coils, hot water or electrical radiators, ceiling fans, floor/ceiling heating/cooling, split AC. TH series provide maximum comfort and energy saving functionality. Set-points are selectable on the unit or through other devices. Advanced functionality including smart-phone operation, internet operation, scheduling, HIQ automations, automatic weather response and more are provided when connected to HIQ Home Controller and HIQ universe.

Model number:	TH-1M-IQ
Mounting:	on-wall, 3M rectangular box
Dimensions:	122×80×23mm

## **Applications**

• room / heating zone thermostat

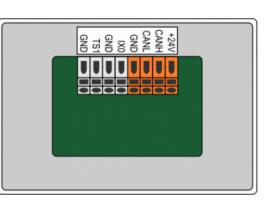


#### **Technical specification**

Window switch input:	internal pull-up 12V, 2mA	
Temperature measurement:	internal or external ES/ES-A	
Power supply:	24V/15mA	
Ingress protection:	IP20	
Operating temperature:	045°C	
Storage temperature:	-2075°C	
Relative humidity:	095% n/c	
Relative humidity:	095% r	

## Terminals

	+24V	IEX2 bus
	CANH	
IEX2 BUS	CANL	
	GND	
Window magnetic switch	IX0	Digital input
window magnetic switch	GND	
External temperature	TS1	Temperature sensor
sensor ES / ES-A	GND	input



When installing: "Autoaddress" button will link FC-1-IQ unit with lowest serial number with thermostat with lowest serial number and so on.

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