

Address		Register parameters			Description	Values
Dec	Hex	Type	Access	Format		

### Coil registers

1	0x01	Coil	RW	Bool	<b>Air conditioner status</b>	0 - Disabled 1 - Enabled
20	0x13	Coil	R	Bool	<b>Air conditioner connected</b>	0 - No 1 - Yes
100	0x64	Coil	RW	Bool	<b>Use external temperature sensor</b>	0 - No 1 - Yes

### Holding registers

1	0x01	Holding	RW	UInt16	<b>Operating mode</b>	1 - Heating 2 - Cooling 3 - Automatic 4 - Dehumidification 5 - Ventilation
2	0x02	Holding	RW	UInt16	<b>Status and mode</b>  This register helps integrate with systems where switching off is controlled by the same register as the mode.	0 - Off 1 - Heating 2 - Cooling 3 - Automatic 4 - Dehumidification 5 - Ventilation

3	0x03	Holding	RW	SInt16	<p><b>Room air temperature, °C</b></p> <p>By default, this register stores the room air temperature measured by the air conditioner's built-in sensor. When a temperature value from an external sensor is written to this register, the value will be returned with the adjustment shown in register 20.</p>	<p>-2000...5000</p> <p>To obtain the temperature, multiply the value by 0.01. For example, 2560 means 25.6 °C.</p>
5	0x05	Holding	RW	SInt16	<p><b>Target temperature, °C.</b></p> <p>The temperature is set with an accuracy of 1°C.</p>	<p>1800...3000</p> <p>To obtain the temperature, multiply the value by 0.01. For example, 2500 means 25.0 °C.</p>
6	0x06	Holding	R	UInt16	<p><b>Thermostat status</b></p>	<p>0 – Idle 1 – Heating 2 – Cooling</p>
7	0x07	Holding	RW	UInt16	<p><b>Fan speed</b></p>	<p>0 – Auto 1 – First speed 2 – Second speed 3 – Third speed</p>
9	0x09	Holding	RW	UInt16	<p><b>Horizontal louvers</b></p> <p>The first position is the lowest. The fifth position is the highest.</p>	<p>0 - Stopped 1 - Swing 2 - Lowest position 3 - Low position 4 - Middle position 5 - High position</p>
20		Holding	RW	SInt16	<p><b>Temperature correction</b></p>	<p>-32768...32768</p> <p>To obtain the temperature, multiply the value by 0.01. For example, 100 means 1.00 °C.</p>

**Holding registers (service)**

110	0x006E	Holding	RW	SInt16	<b>Modbus speed</b>	<p>To get the actual speed, multiply the register value by 100.                  To write the desired value, divide it by 100.</p> <p>96 - 9600                  192 - 19200                  384 - 38400                  576 - 57600                  1152 - 115200</p>
111	0x006F	Holding	R	UInt16	<b>RS-485 port parity setting</b>	<p>0 — no parity bit (none)                  Other values are not supported.</p>
112	0x0070	Holding	R	UInt16	<b>Number of stop bits for the RS-485 port</b>	<p>2                  Other values are not supported.</p>
128	0x0080	Holding	RW	SInt16	<b>Modbus device address</b>	<p>1...247</p>

200 - 219	0x00C9 - 0x00DB	Holding	R	SInt16	<b>Hardware version</b>	MH-8-MB-B
250 - 265	0x00FA- 0x0109	Holding	R	SInt16	<b>Software version of the device</b>	1.24 and above
<b>Input registers</b>						
0	0x01	Inputs	RW	SInt16	<b>Number of errors</b>	0...24
1	0x02	Inputs	RW	SInt16	<b>Error code</b>	