

AC Cloud Control

Zoning function

For Mitsubishi Heavy Industries

FLEXIZONE[®] DUCTED ZONING SOLUTION

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Important User Information

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1. Overview

About this document

This document describes how to visualize and control Mitsubishi Heavy Industries' zoning function from the AC Cloud Control solution, and what is required to use it.



IMPORTANT: Images in the document are for illustration purposes; some functions may not be available.

2. Zoning function (Mitsubishi Heavy Industries)



IMPORTANT: The zoning function is only available for the Mitsubishi Heavy Industries FLEXIZONE[®] ducted zoning solution.



IMPORTANT: To use the zoning function, your Indoor Unit and remote controller must support it. The zoning configuration must be set from the remote controller, it can't be set or modified through the Intesis AC Cloud Control.

To set or modify zoning:

- Set the Intesis AC Cloud Control device (hereafter referred to as “AC Cloud Control”) as follower¹ and the remote controller as header².
- Set up the zoning control through the remote controller following its user manual. Make sure that the AC Cloud Control is already running **before** proceeding with this step, otherwise the AC Cloud Control will not be able to get the zone settings information from the bus.

Once the zoning configuration is set up, the use of the remote controller as header is recommended³. Optionally, the AC Cloud Control can be set as header as long as no reconfiguration of the zoning control takes place. Otherwise, the steps mentioned above will be required.

Note: the installation shall not have 2 headers and/or 2 followers.



IMPORTANT: Please note that, in order to get the information from the bus and save it internally, the AC Cloud Control must always be operational and set as follower **before** proceeding with any zoning control configuration or reconfiguration.

¹ Follower is described, in the remote controller manual of Mitsubishi Heavy Industries, as sub.

² Header is described, in the remote controller manual of Mitsubishi Heavy Industries, as main.

³ The remote controller is required for specific configuration settings and it will also display information on functions needed for detailed technical product setup and troubleshooting.

Before starting

Be sure you have everything you need to use the zoning function:

- **Intesis AC Cloud Control Brand Specific RC device**



Figure 1.- Intesis AC Cloud Control Brand Specific RC device

- **Remote controller**



Figure 2.- Remote controller

- **AC Indoor Unit**



Figure 3.- Indoor Unit

3. Control and visualization

The AC Cloud Control reads the zoning set up from the Air-Conditioner bus, then you can control and view the ON/OFF setting for each zone through the web interface and/or the app.

1. Log in to the [AC Cloud Control](#) web interface or the AC Cloud Control app.
2. Go to the control dashboard.
3. Select on the AC Cloud Control where the zoning is settled.



IMPORTANT: from the general on/off widget you can control the ON/OFF function of the Indoor Unit, when it is **off** there is no air coming out, even if the zones widgets are **on**.



IMPORTANT: Although zones can be renamed using the remote controller, this information is not passed over the bus. Therefore, AC Cloud Control will always use the default zone nomenclature, i.e. Zone 1, Zone 2, and so on.

There are two possibilities of control and visualization depending on the zoning setup:

- a) **If there is a spill zone⁴:** AC Cloud Control manages up to 8 zones, including the spill zone.

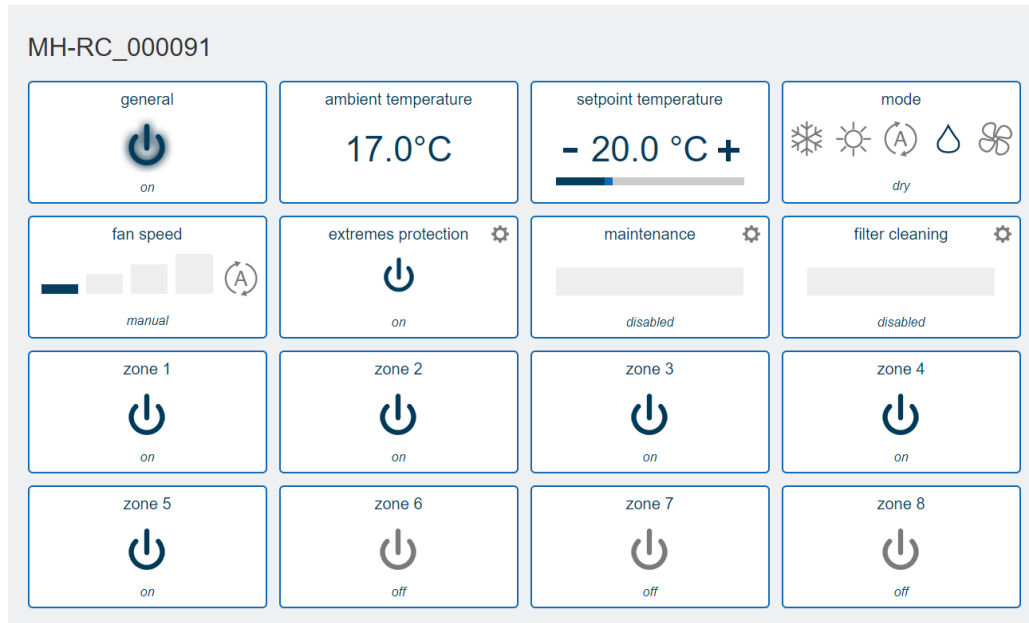


Figure 4.- Spill zone - Web Interface



Figure 5.- Spill zone – AC Cloud Control app

⁴ Spill zone: If the Indoor Unit is ON and half or more of the zones are turned OFF including the spill zone, it will be automatically turned ON to prevent excessive airflow and unwanted pressure.

When half or more of the zones, including the spill zone, are **off**, its status will change from **off** to **spill**.

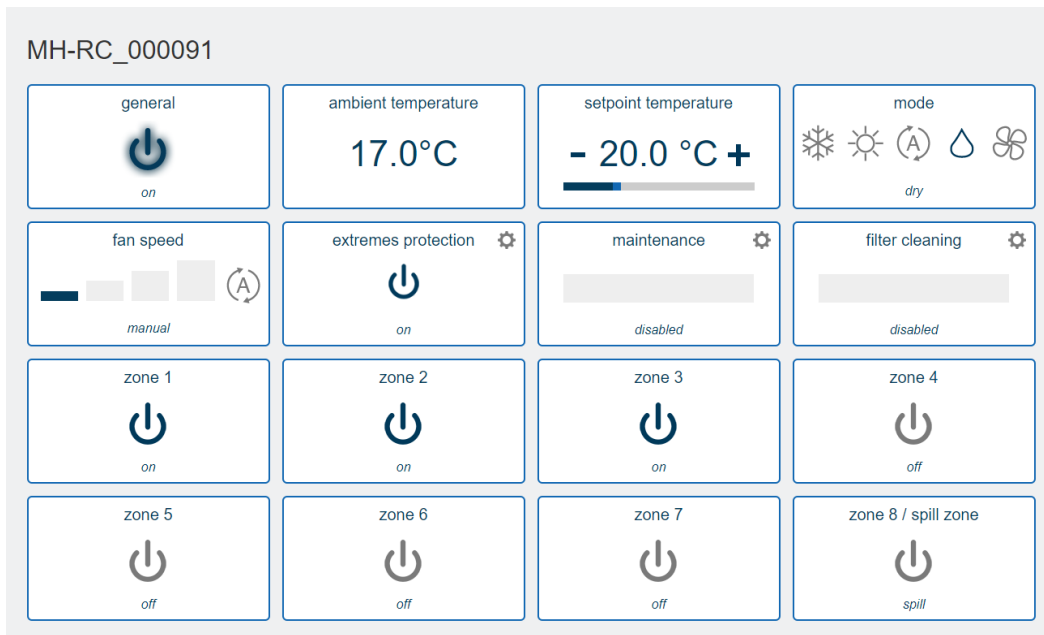


Figure 6.- Spill zone active - Web Interface



Figure 7.- Spill zone active – AC Cloud Control App

- b) **If there is a common zone⁵:** AC Cloud Control manages up to 8 zones, including the common zone. Since the common zone always remains open (ON), the AC Cloud Control web interface and app do not display the common zone. Instead, the general on/off widget will appear as general / common. will appear as general / common.

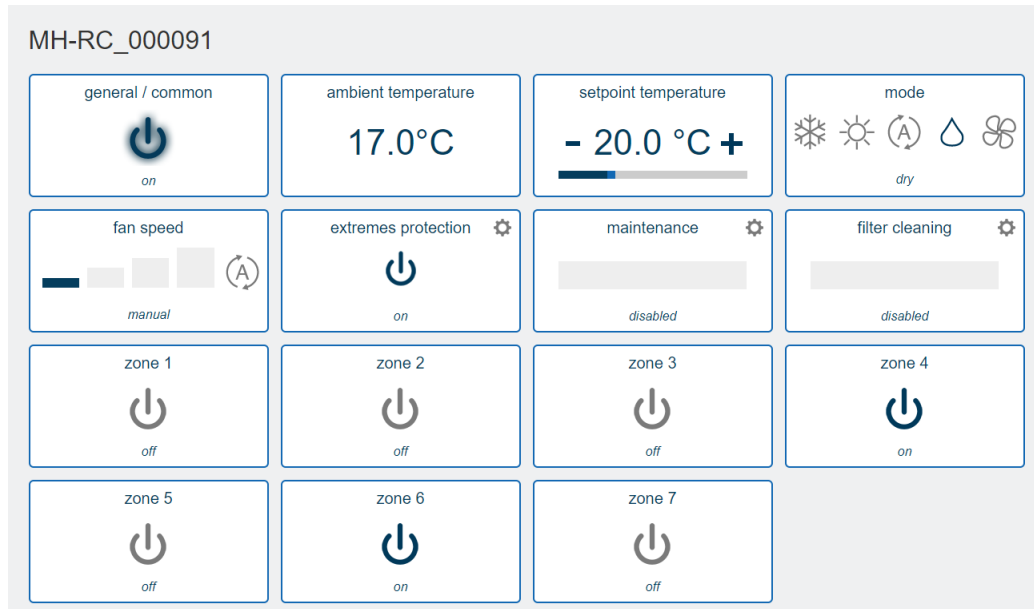


Figure 8.- Common zone - Web Interface



Figure 9.- Common zone – AC Cloud Control App

⁵ Common zone: a common zone is a zone without a damper motor that always remains OPEN to prevent excessive airflow and unwanted pressure.