



Technical Bulletin

Indoor Unit Remote Controller - Forced Defrost Mode (H1 Code Displayed on Remote)

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Product Group: Ductless

Models Affected: ALL

Summary:

Ductless indoor unit remote controllers have a service tool function to allow a service technician to put a system into forced defrost in the heating mode for the purposes of troubleshooting the system. Once the remote is set to forced defrost, it will stay in that mode indefinitely. The system can be turned off or changed to another mode, such as cooling, but the unit will always revert back into forced defrost in heating mode if the remote is not taken out of the forced defrost mode. When in forced defrost, the remote controller will flash 'H1' briefly when set (H1 is the code for defrost). Leaving the unit in forced defrost mode will negatively impact performance of the system and compressor lifespan.





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Instructions:

To set the remote controller into forced defrost, use the following steps.

1. Turn the remote controller on by pressing the power button.
2. Press the 'MODE' button to put the unit into heating mode.
3. Once in heating mode, turn the remote controller off by pressing the power button.
4. Once the remote is off, press and hold the 'MODE' button for 5 seconds.
5. The remote controller screen will flash 'H1' to confirm the system is in forced defrost mode.
6. If in forced defrost mode, whenever the remote controller is turned on or the mode is changed to heating, the controller will flash 'H1'.

To take the remote controller out of forced defrost, use the following steps.

1. Turn the remote controller on by pressing the power button.
2. Press the 'MODE' button to put the unit into heating mode.
3. Turn the remote controller off by pressing the power button.
4. Press and hold the 'MODE' button for 5 seconds.
5. The screen will not flash, so confirm the remote was taken out of forced defrost by turning the remote controller on, then pressing the 'MODE' button to cycle through modes back to the heating mode. Once the remote is put back into heating mode, the screen should not flash 'H1'.
6. If this does not take the remote controller out of forced defrost, you can remove the batteries for approximately 2 minutes until the screen goes blank. This should take the controller out of forced defrost mode but will also reset any saved temperature settings.