



## Defrost Operation Control: Single Zone Cassettes & Universal Mounts

When the defrost mode is engaged on the cassette type, the following symbol will be displayed on the remote controller. On the universal models the operation lamp flashes slowly 7 sec ON / 2 sec OFF

## 1. CONDITION OF STARTING THE DEFROST OPERATION

The defrost operation starts when the outdoor heat exchanger temperature sensor detects the temperature lower than the values shown in the able below. The defrosting shall proceed by integrating operation time and outdoor heat exchanger temperature as follows.

|  |  | Compressor integrating operation:<br>Less than 45 min. |  | C                                   | Compressor integrating operation: 45 min and over |                                    |                                     |                              |  |
|--|--|--|--|-------------------------------------|---|------------------------------------|-------------------------------------|------------------------------|--|
| ABU18RULX  |  |  |  |                                     | Less than 6 min. *1<br>or 10 min. *2              |                                    | After 6 min. *1<br>or 10 min. *2    |                              |  |
| ABU24RULX  |  | Does not opera   |  | erate                               | ate   |                                    | 17.6°F (-8°C) *3<br>14°F (-10°C) *4 |                              |  |
| ABU36RSLX  |  |  |  |                                     | (,,   |                                    | (100)                               |                              |  |
|  | Compressor integrating operation: Less than 45 |  | Compressor integrating operation: 45 min and ove |                                     |   | Outdoor<br>temp. –<br>Outdoor heat |                                     | Outdoor<br>heat<br>exchanger |  |
|  |  | min.   | Less than 6 min.'<br>or 10 min. *2               | *1                                  | After 6 min. *1<br>or 10 min. *2                  | exchanger<br>temp.                 |                                     | temp.                        |  |
| AUU18RCLX  |  |  |  |                                     |   |                                    |                                     |                              |  |
| AUU24RCLX  |  | Does not operate                                       |  | 17.6°F (-8°C) *3<br>14°F (-10°C) *4 |   |                                    |                                     |                              |  |
| AUU36RCLX  |  |  |  |                                     |   | 21.6°F (12°C)                      |                                     |                              |  |
| AUU42RCLX  |  |  |  |                                     |   |                                    |                                     | -4°F (-20°C)                 |  |
| <ul> <li>*1 Means contiguous operation time.</li> <li>*3 Outdoor temp. ± 30.2°F (-1°C)</li> <li>*2 Compressor stop time: Below 20 min. → Select 6 min.</li> <li>*4 Outdoor temp. &lt; 30.2°F (-1°C)</li> </ul> |  |  |  |                                     |   |                                    |                                     |                              |  |

Above 20 min.  $\rightarrow$  Select 10 min.

In order to perform some of these tests an electrical and/or refrigerant license is required. We strongly advise to check the Service manual for more detailed explanation. If you are not sure about these recommendations please contact us at 866-952-8324.





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## 2. CONDITION OF STARTING THE DEFROST OPERATION COMPLETION

Defrost operation is released when the conditions become as shown in table below.

|           | Release Condition  |
|-----------|--|
| AUU24RCLX |  |
| AUU36RCLX |  |
| AUU42RCLX | Outdoor heat exchanger temperature sensor value is higher than 53.6°F (-12°C) or |
| ABU18RULX | compressor operation time has passed 15 minutes.                                 |
| ABU24RULX |  |
| ABU36RSLX |  |

Disclaimer:

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