


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 table below. The defrosting shall proceed by integrating operation time and outdoor heat exchanger temperature as follows.

	Compressor integrating operation: Less than 45 min.		Compressor integrating operation: 45 min and over		Outdoor temp. – Outdoor heat exchanger temp.	Outdoor heat exchanger temp.
	Less than 6 min. *1 or 10 min. *2	After 6 min. *1 or 10 min. *2	Less than 6 min. *1 or 10 min. *2	After 6 min. *1 or 10 min. *2		
ABU18RULX						
ABU24RULX	Does not operate				17.6°F (-8°C) *3	
ABU36RSLX					14°F (-10°C) *4	
	Compressor integrating operation: Less than 45 min.	Compressor integrating operation: 45 min and over		Outdoor temp. – Outdoor heat exchanger temp.	Outdoor heat exchanger temp.	
		Less than 6 min.*1 or 10 min. *2	After 6 min. *1 or 10 min. *2			
AUU18RCLX	Does not operate			-----	-----	
AUU24RCLX			17.6°F (-8°C) *3 14°F (-10°C) *4			
AUU36RCLX				21.6°F (12°C)	-----	
AUU42RCLX			-----	-----	-4°F (-20°C)	

*1 Means contiguous operation time.

*3 Outdoor temp. \pm 30.2°F (-1°C)

*2 Compressor stop time: Below 20 min. → Select 6 min.

*4 Outdoor temp. < 30.2°F (-1°C)

Above 20 min. → Select 10 min.

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