

## 8-8-2. Finish of Defrost Operation

Returning conditions from defrost operation to heating operation

- 1) Temperature of outdoor heat exchanger rises to +8°C or higher.
- 2) Temperature of outdoor heat exchanger is kept at +5°C or higher for 80 seconds.
- 3) Defrost operation continues for 15 minutes.

## 8-8-3. Returning from defrost operation

- 1) The compressor stops for 40 seconds.
- 2) The 4-way valve is switched 30 seconds after the compressor stops.
- 3) The outdoor fan starts rotating 30 seconds after the compressor stops.

## 8-9. Louver Control

### 8-9-1. Louver Position

This function controls the air direction of the indoor unit.

- The position is automatically controlled according to the operation mode (COOL/HEAT).
- The set louver position is stored in memory by the microcomputer, and the louver returns to the stored position when the next operation is performed. (Cooling/heating memory position)

The angle of the louver is indicated as the horizontal angle is 0°.

When the louver closes fully, it directs approx. 10° upward.



### Louver position in cooling operation

Cooling operation/AUTO (COOL)	Powerful
Initial setting of "Cooling storage position" Louver : Directs downward (23°)*1	"Cooling storage position" Louver : Directs downward (34°)

\*1 When the indoor humidity is high (Hu sensor valve)  $\geq 70\%$ , the compressor speed is 23 rps or more and the position of the louver is less than 29°, the louver moves to 29° to prevent the air outlet from dew drop.

And the louver can't be move to less than 29°. When the indoor humidity become low or the compressor speed become less than 23 rps, the louver returns to the storage position.

### Louver position in heating operation

Heating operation / AUTO (HEAT)	Powerful
Initial setting of "Heating storage position" Louver : Directs downward (72°)	"Heating storage position" Louver : Directs downward (58°)

SLEEP MODE operation	
In case that the following temperature is obtained during 12 minutes or 12 to 25 minutes from start of heating operation: Room temperature (TA) < Set temperature (Tsc) -3.0	In case that the following temperature is obtained during 12 to 25 minutes from start of heating operation: Room temperature (TA) $\geq$ Set temperature (Tsc) -3.0 or when 25 minutes or more passed from start of heating operation.
"Heating storage position" Louver : Directs downward (72°)	"Cooling storage position" Louver : Directs downward (23°)