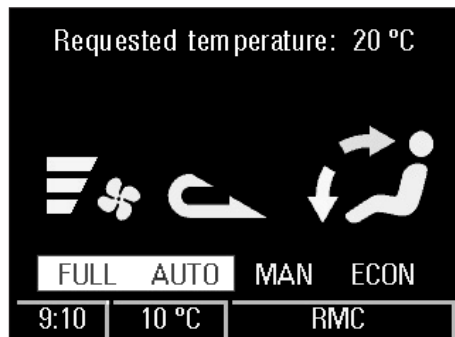


## 7. CLIMATE CONTROL (CLIMA)

### General information

The climate control functions (CLIMA) allow you to display and set the air climate control system pressing key **27** (dwg. 7.A.).



7.A.

### Operation

- inside temperature in °C or in °F
- fan setting
- setting air distribution: windscreen and side window vents, centre/side and rear outlets, floor vents
- defrost device on/off
- compressor on/off
- recirculation on/off
- automatic operation on/off ("AUTO")
- fan adjustment ("MANUAL").

The lower part of the display shows information about the time, outside temperature, audio settings or information about:

- name, conversation time (min:sec);
- telephone number, conversation time (min:sec)
- status (for example "received SMS message!").

## 7.1 EQUIVALENT TEMPERATURE

The system makes it possible to control the passenger compartment climate maintaining the “equivalent temperature” level required by the driver. This “equivalent temperature” is an estimator of the ideal temperature (obtained through the development of a complex patented mathematical algorithm) needed to obtain the best temperature and well-being in the passenger compartment.

To bring about this operating condition, select:

— the “equivalent temperature” required pressing button **28**;

— the **AUTO** position pressing the button **30**.

**WARNING** The compressor can be turned on/off automatically or manually. To switch from one operating mode to the other see the “Compressor on/off button” paragraph in this chapter.

## 7.2 DESCRIPTION OF CONTROLS

**27** - Climate control dedicated screen selector button

**28** - Rocker button for adjusting the air “equivalent temperature” of the passenger compartment

**29** - Rocker button for fan speed adjustment

**30** - Automatic system operation selector button

**31** - Climate control compressor on/off button

**32** - Climate control system on/off button

**33** - Rocker button for selecting air distribution

**34** - Air recirculation on/off button

**35** - Maximum defrosting/demisting on/off button for windscreen and front side windows, rearscreen heating, door mirror resistances and resistance at windscreen base (where applicable)

**36** - Rearscreen heating and mirror and resistances in windscreen blade parking area at windscreen base (where applicable) defrosting on/off button.



### Adjustment button for required equivalent temperature

Pressing this rocker button up or down respectively raises or lowers the equivalent temperature required in the passenger compartment.

Pressing the button upwards or downwards to the extreme **HIGH** or **LOW** positions, the functions with the highest heating or cooling power are engaged.



### Fan speed adjustment button

Pressing this rocker button up or down respectively increases or lowers the fan speed (thus the amount of air admitted to the passenger compartment), while maintaining the objective of the equivalent temperature required.



### Automatic operation button

Pressing the **AUTO** button the system automatically adjusts the amount and distribution of air admitted to the passenger compartment.

 ECON

### Compressor on/off button

Pressing the **ECON** button turns the climate control compressor on/off.

**WARNING** With the compressor off it is not possible to admit air to the passenger compartment at a temperature below the outside temperature, in particular environment conditions, the windows may quickly steam.

 OFF

### Climate control on/off button

Pressing the **OFF** button turns the climate control on/off (including ventilation only).

**WARNING** With the climate control off and in particular environment conditions, the windows may quickly steam.

 MODE

### Passenger compartment air distribution button

Pressing the **MODE** rocker button towards the left and/or right manually selects air distribution in the passenger compartment, while maintaining the objective of the equivalent temperature required.



### Air recirculation on/off button

Pressing this button engages/disengages recirculation of the air admitted to the passenger compartment.

**WARNING** Depending on how the system is working (heating or cooling the passenger compartment) the recirculation function makes it possible to reach the required conditions faster. It is however inadvisable to use this function on rainy/cold days as it would considerably increase the possibility of misting the windows, especially if the conditioner is off. It is advisable to use this function when the vehicle is stationary in a queue or tunnel to prevent polluted air from entering the passenger compartment. Prolonged use of this function should however be avoided, especially if there are several persons aboard.



### Windscreen and front side windows demisting/defrosting button

Pressing this button the climate control automatically activates the necessary functions (quantity, distribution, temperature of the air admitted to the passenger compartment) to quicken demisting/defrosting of the wind-

screen and front side windows. Rearscreen heating, door mirror heating and the resistances at the base of the windscreen (in the wiper blade parking area) are also automatically engaged (for a determinate length of time) where applicable.



### Rearscreen demisting/defrosting on/off button

Pressing this button engages demisting/defrosting of the rearscreen, door mirrors and (optional for versions/markets where applicable) the resistances at the base of the windscreen (in the wiper blade parking area).

**WARNING** Do not stick stickers on the inside of the rearscreen over the heating filaments to prevent damage that might adversely affect the system.

## 7.3 DESCRIPTION OF OPERATING STRATEGIES

Operating the  **AUTO** button, the climate control system sets to automatically control the following functions:

- temperature of the air at the vents and outlets

- fan speed (constantly changing)
- air distribution
- air recirculation
- compressor engagement.

It is still however possible to intervene manually on the following functions:

- fan speed
- air distribution
- air recirculation
- compressor engagement.

The functions activated manually have priority over the automatic ones and they remain memorised until automatic control is re-activated.

With one or more functions engaged manually, adjustment of the temperature admitted to the passenger compartment still continues to be controlled automatically by the system except with the compressor off: in fact, in this condition, the air admitted to the passenger compartment cannot have a lower temperature than the outside air.

Pressing the **AUTO** button for engaging/disengaging automatic operation, the system may be in one of the following conditions:


- **FULL AUTO** with automatic control of the fan speed and air distribution;
- **AUTO** with automatic control only of the fan speed or of air distribution according to the driver's preference;
- **MAN** with manual operation where the driver controls the fan speed and air distribution directly.


Pressing the **ECON** button turns the compressor on/off. With the compressor off, the air admitted to the passenger compartment can not be cooled or dehumidified and recirculation is switched off automatically to avoid misting the windows: when wanting to activate recirculation in this condition, press the corresponding **C** button.


Pressing the **ECON** button again with the compressor off, will restore the operating conditions of before the compressor was turned off.


Pressing the **OFF** button turns off/back on the climate control, in the former case air is no longer admitted to the passenger compartment which is thus isolated from outside, in the latter, the previous operating mode is restored.


Pressing the **MODE** button selects the possible air distributions to the passenger compartment:

 Flow of air towards the windscreen and front side windows

 Distribution of the flow between the windscreen/front side windows and lower part of the passenger compartment


 Main flow of air to the lower part of the passenger compartment and secondary flow of air towards the windscreen/front side windows

 Distribution of the flow between the upper centre, centre and side dashboard outlets and rear outlets


 Flow of air towards the centre upper vent, centre and side dashboard outlets and rear outlets.


If the system was in the **FULL AUTO** mode, pressing the **MODE** button passes to the simple automatism condition: i.e. the system chooses the fan speed and mixing to obtain the equivalent temperature required, but will not change the distribution selected manually.

Pressing the recirculation button **C**, the system automatically reactivates the compressor if it was deactivated manually or au-

tomatically; to maintain recirculation with the compressor of, it is necessary to press the  button to deactivate the compressor.

**WARNING** In this condition (recirculation on and compressor off), remember that the windows may steam up very quickly.

Pressing the  button the climate control automatically activates the functions required to quicken demisting/defrosting of the windscreen and front side windows. Rearscreen heating and door mirror heating are also automatically engaged (for a determinate length of time).

Pressing the  button engages rearscreen heating and door mirror heating for a determinate length of time.

Manually setting one of the climate control functions, the others continue to be controlled automatically; in particular the air temperature is always controlled automatically to reach the required “equivalent temperature” in the passenger compartment.

**WARNING** When working in the **FULL AUTO** condition, the system can automatically engage recirculation or deactivate the compressor to cool/heat the passenger compartment faster or demist/defrost the windscreen and side windows.

**WARNING** When the engine is turned off the system memorises the climate control operating condition, which will be automatically resumed when the engine is started again.

