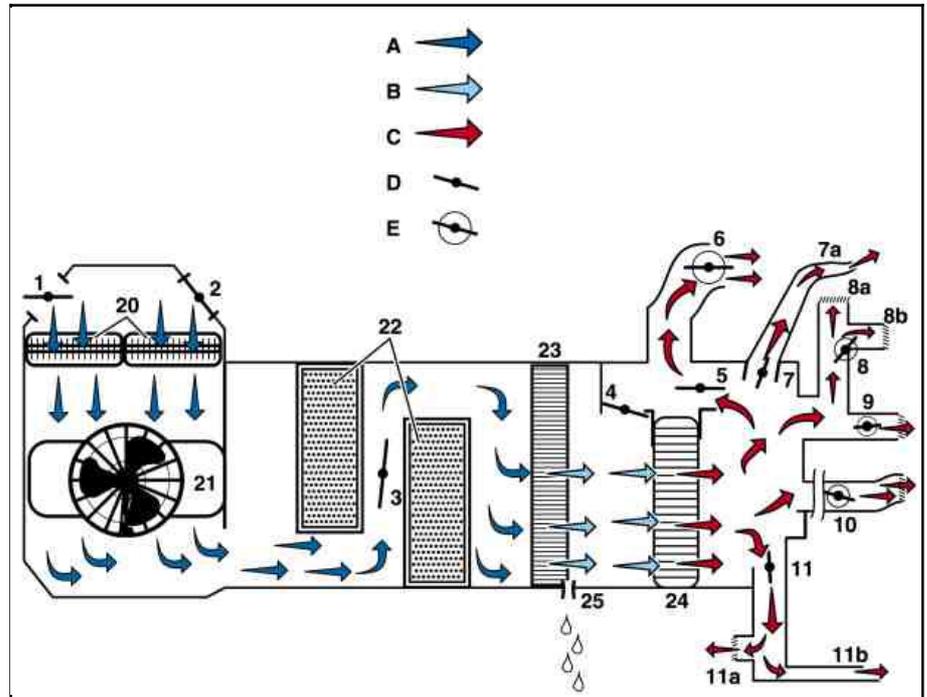


### Automatic air conditioning heating mode (AAC)

- A** Fresh air or recirculated air  
**B** Cooled air  
**C** Heated air  
**D** Electrically-operated flap  
**E** Manually-operated flap



P83.40-2065-76

- |  |                                       |
|--|---------------------------------------|
| <b>1</b> Fresh air flap                        | <b>9</b> Rear compartment side outlet |
| <b>2</b> Recirculated air flap                 | <b>10</b> Rear compartment outlet     |
| <b>3</b> Activated charcoal filter bypass flap | <b>11</b> Footwell flap               |
| <b>4</b> Center outlet diverter flap           | <b>11a</b> Front footwell air outlet  |
| <b>5</b> Center outlet blend flap              | <b>11b</b> Rear footwell air outlet   |
| <b>6</b> Center outlet                         | <b>20</b> Dust filter                 |
| <b>7</b> Defroster outlet flap                 | <b>21</b> Blower                      |
| <b>7a</b> Defroster outlet                     | <b>22</b> Activated charcoal filter   |
| <b>8</b> Side outlet and door outlet flap      | <b>23</b> Evaporator                  |
| <b>8a</b> Side outlet                          | <b>24</b> Heater heat exchanger       |
| <b>8b</b> Door outlet                          | <b>25</b> Condensation water drain    |

### Automatic air conditioning heating mode (AAC)

- Settings:**
- EC OFF
  - both AUTO buttons engaged
  -  OFF
  -  OFF
  -  OFF
  - Center outlet on AUTO

### Function

In heating mode, fresh air (A) is drawn in by the blower (21) via the fresh air flap (1) or in recirculated air mode, interior air is drawn in via the air recirculation flap (2). The air cleaned by the dust filter (20) is led past the two activated charcoal filters (22) (activated charcoal filters not switched on) and flows through the cooled evaporator (23) and is dried and cooled down there. Then the dried and cooled air (B) is heated up again in the heated heater heat exchanger (24).

The heated air (C) is led to the air outlets (7, 8, 9, 10 and 11):

Footwell OPEN

Defroster outlets restricted

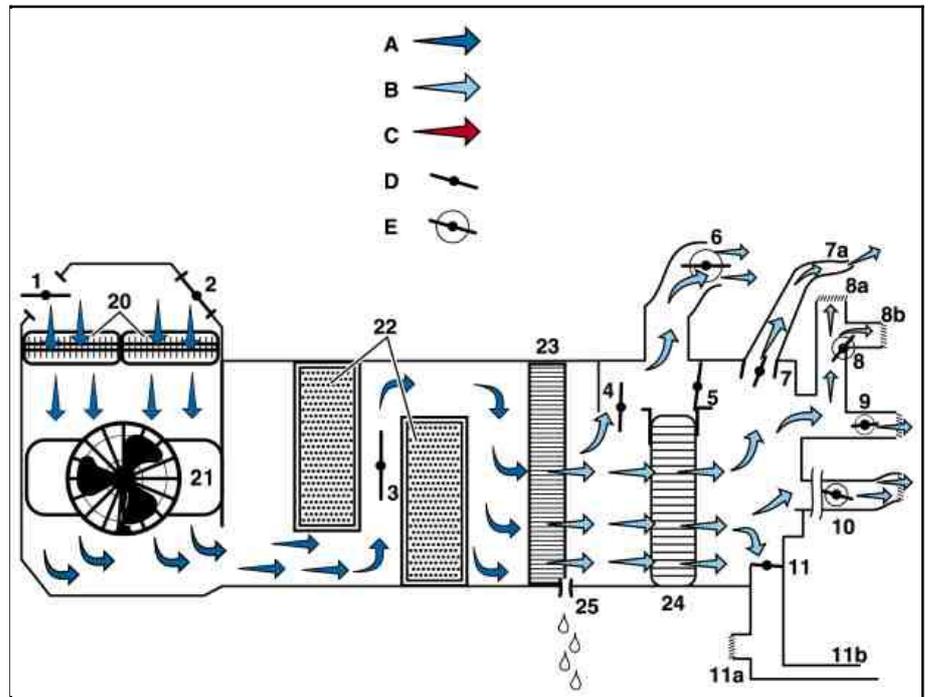
other flap can be operated manually

The center outlet diverter flaps (4) are closed in heating mode.

In this function the defroster outlets (7a) are open slightly. In the transition from heating mode to cooling mode (mode change) the footwell flaps (11) start to close and the center outlet blend flap (5) starts to open. The condensation water is led off into the atmosphere via the condensation water drain (25).

**Automatic air conditioning (AAC) cooling mode, interior heated up**

- A** Fresh air or recirculated air
- B** Cooled air
- C** Heated air
- D** Electrically-operated flap
- E** Manually-controllable flap



P83.40-2066-76

- 1** Fresh air flap
- 2** Recirculated air flap
- 3** Activated charcoal filter bypass flap
- 4** Center outlet diverter flap
- 5** Center outlet blend flap
- 6** Center outlet
- 7** Defroster outlet flap
- 7a** Defroster outlet
- 8** Side outlet and door outlet flap
- 8a** Side outlet
- 8b** Door outlet
- 9** Rear compartment side outlet
- 10** Rear compartment outlet
- 11** Footwell flap
- 11a** Front footwell air outlet
- 11b** Rear footwell air outlet
- 20** Dust filter
- 21** Blower
- 22** Activated charcoal filter
- 23** Evaporator
- 24** Heater heat exchanger
- 25** Condensation water drain

**Automatic air conditioning cooling mode (AAC)**

- Settings:**
- EC OFF
  - both **AUTO** buttons engaged
  - OFF
  - OFF
  - OFF
  - Center outlet on **AUTO**

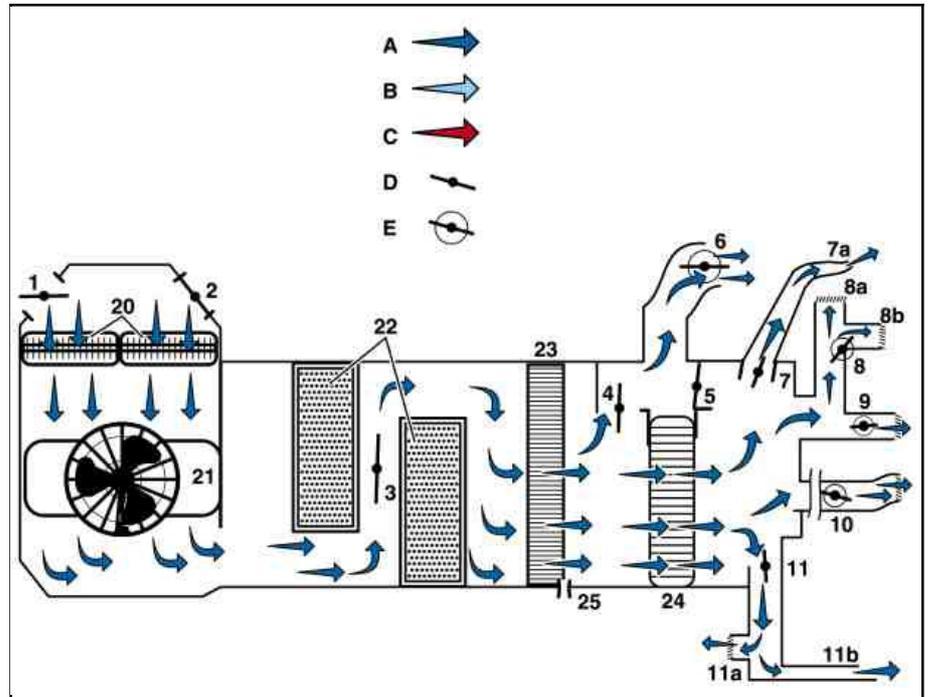
**Function**

In cooling mode, fresh air (A) is drawn in by the blower (21) via the fresh air flap (1) or in recirculated air mode, interior air is drawn in via the air recirculation flap (2). The air cleaned by the dust filter (20) is led past the two activated charcoal filters (22) (activated charcoal filters not switched on) and flows through the cooled evaporator (23) and is dried and cooled down there. Then the dried and cooled air (B) is led through the unheated heater heat exchanger (24) to the air outlets (7,8,9 and 10). The dried and cooled air is led to the center outlet (6) via the open center outlet blend flaps (5). The center outlet diverter flaps (4) can also be opened if it is necessary to cool down the interior very rapidly. When the interior temperature approaches the preselected interior temperature, the center outlet diverter flaps (4) close again slowly. The center outlet diverter flaps (4) are closed in the regulated condition.

The footwell flaps (11) are closed in cooling mode. The defroster outlet flaps (7) can be opened when the outside air is dry. Other flaps can be operated manually. During the transition from cooling mode to heating mode (mode change) the center outlet blend flaps (5) start to close and the footwell flaps (11) start to open. The condensation water is led off into the atmosphere via the condensation water drain (25).

**Automatic air conditioning normal mode (AAC), EC illuminated → no heating mode**

- A** Fresh air or recirculated air
- B** Cooled air
- C** Heated air
- D** Electrically-operated flap
- E** Manually-controllable flap



P83.40-2067-76

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li><b>1</b> Fresh air flap</li> <li><b>2</b> Recirculated air flap</li> <li><b>3</b> Activated charcoal filter bypass flap</li> <li><b>4</b> Center outlet diverter flap</li> <li><b>5</b> Center outlet blend flap</li> <li><b>6</b> Center outlet</li> <li><b>7</b> Defroster outlet flap</li> <li><b>7a</b> Defroster outlet</li> <li><b>8</b> Side outlet and door outlet flap</li> <li><b>8a</b> Side outlet</li> <li><b>8b</b> Door outlet</li> </ul> | <ul style="list-style-type: none"> <li><b>9</b> Rear compartment side outlet</li> <li><b>10</b> Rear compartment outlet</li> <li><b>11</b> Footwell flap</li> <li><b>11a</b> Front footwell air outlet</li> <li><b>11b</b> Rear footwell air outlet</li> <li><b>20</b> Dust filter</li> <li><b>21</b> Blower</li> <li><b>22</b> Activated charcoal filter</li> <li><b>23</b> Evaporator</li> <li><b>24</b> Heater heat exchanger</li> <li><b>25</b> Condensation water drain</li> </ul> |
|---|---|

**Automatic air conditioning (AAC) normal mode**

- Settings:**
- EC OFF
  - both AUTO buttons engaged
  -  OFF
  -  OFF
  -  OFF
  - Center outlet on AUTO

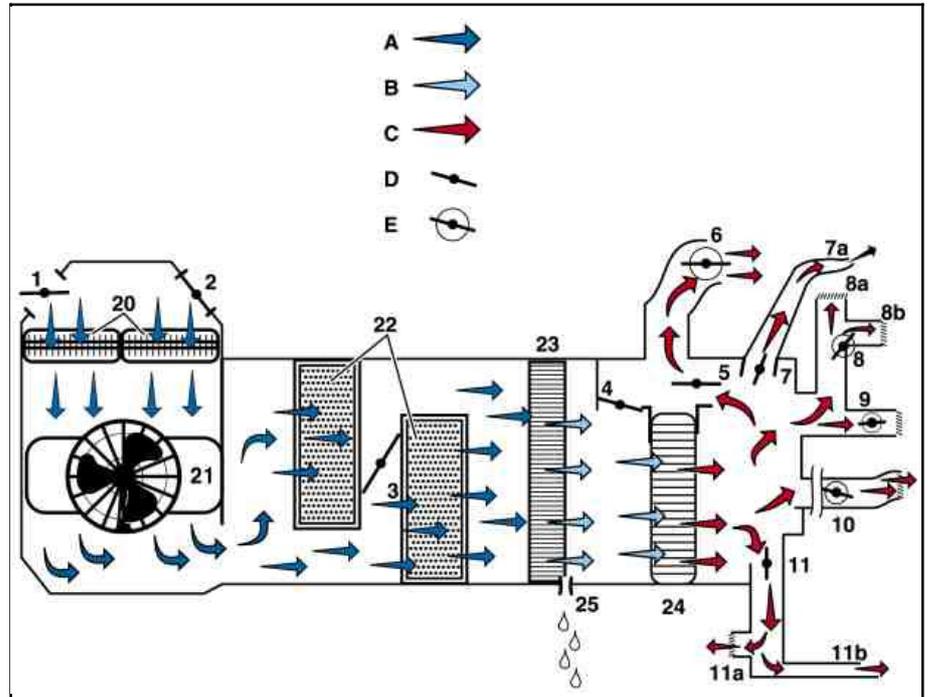
The defroster outlet flaps (7) can be opened when the outside air is dry. Other flaps can be operated manually.

**Function**

In normal mode, (EC illuminated), fresh air (A) is drawn in by the blower (21) via the fresh air flap (1) or in recirculation mode, interior air is drawn in via the air recirculation flap (2). The air cleaned (A) by the dust filter (20) is led past the two activated charcoal filters (22) (activated charcoal filters not switched on) and flows through the uncooled evaporator (23). Then the air (A) is led through the unheated heater heat exchanger (24) to the air outlets (7, 8, 9, and 11). The air (A) is led to the center outlet (6) via the opened center outlet blend flaps (5) and center outlet diverter flaps (4).

**Automatic air conditioning (AAC), heating mode with activated charcoal filter  
EC not illuminated**

- A** Fresh air or recirculated air
- B** Cooled air
- C** Heated air
- D** Electrically-operated flap
- E** Manually-controllable flap



P83.40-2072-76

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li><b>1</b> Fresh air flap</li> <li><b>2</b> Recirculated air flap</li> <li><b>3</b> Activated charcoal filter bypass flap</li> <li><b>4</b> Center outlet diverter flap</li> <li><b>5</b> Center outlet blend flap</li> <li><b>6</b> Center outlet</li> <li><b>7</b> Defroster outlet flap</li> <li><b>7a</b> Defroster outlet</li> <li><b>8</b> Side outlet and door outlet flap</li> <li><b>8a</b> Side outlet</li> <li><b>8b</b> Door outlet</li> </ul> | <ul style="list-style-type: none"> <li><b>9</b> Rear compartment side outlet</li> <li><b>10</b> Rear compartment outlet</li> <li><b>11</b> Footwell flap</li> <li><b>11a</b> Front footwell air outlet</li> <li><b>11b</b> Rear footwell air outlet</li> <li><b>20</b> Dust filter</li> <li><b>21</b> Blower</li> <li><b>22</b> Activated charcoal filter</li> <li><b>23</b> Evaporator</li> <li><b>24</b> Heater heat exchanger</li> <li><b>25</b> Condensation water drain</li> </ul> |
|---|---|

**Automatic air conditioning (AAC), heating mode with activated charcoal filter**

- Settings:**
- EC OFF
  - both **AUTO** buttons engaged
  -  ON
  -  OFF
  -  OFF
  - Center outlet on **AUTO**

**Function**

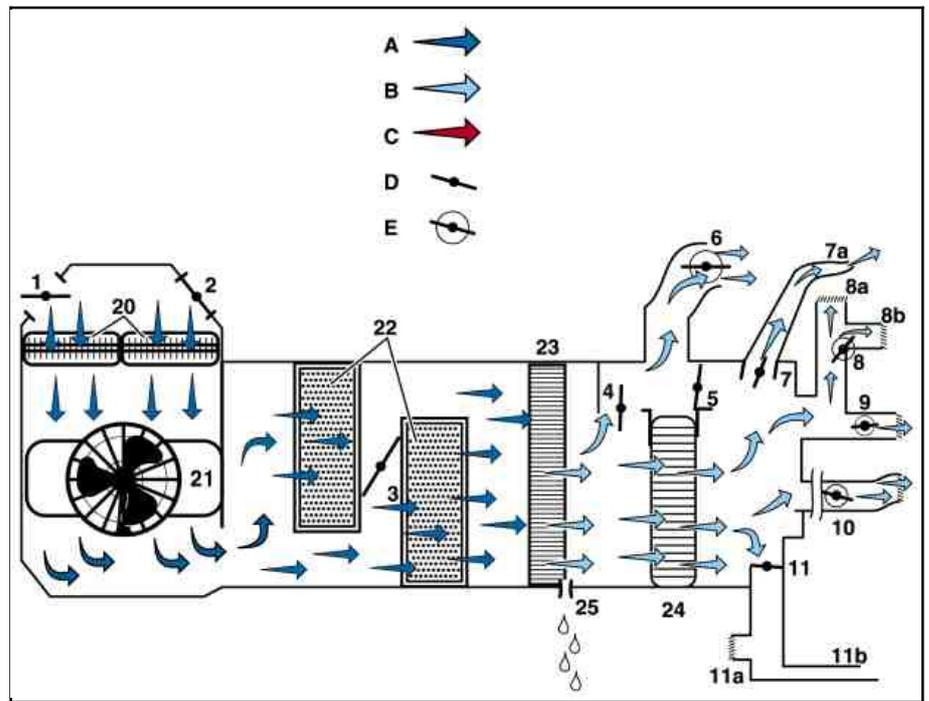
In heating mode, fresh air (A) is drawn in by the blower (21) via the fresh air flap (1) or in recirculated air mode, interior air is drawn in via the air recirculation flap (2). The air cleaned by the dust filter (20) is led through the two activated charcoal filters (22) ( , LED illuminated) and flows through the cooled evaporator (23) and is dried and cooled down there. Then the dried and cooled air (B) is heated up again in the heated heater heat exchanger (24). The heated air (C) is led to the air outlets (7, 8, 9, 10 and 11):

- Footwell OPEN
- Defroster outlets restricted
- other flap can be operated manually

The center outlet diverter flaps (4) are closed in heating mode. In this function the defroster outlets (7a) are open slightly. In the transition from heating mode to cooling mode (mode change) the footwell flaps (11) start to close and the center outlet blend flap (5) starts to open. The condensation water is led off into the atmosphere via the condensation water drain (25).

**Automatic air conditioning (AAC), cooling mode with activated charcoal filter  
EC not illuminated**

- A** Fresh air or recirculated air
- B** Cooled air
- C** Heated air
- D** Electrically-operated flap
- E** Manually-controllable flap



P83.40-2073-76

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li><b>1</b> Fresh air flap</li> <li><b>2</b> Recirculated air flap</li> <li><b>3</b> Activated charcoal filter bypass flap</li> <li><b>4</b> Center outlet diverter flap</li> <li><b>5</b> Center outlet blend flap</li> <li><b>6</b> Center outlet</li> <li><b>7</b> Defroster outlet flap</li> <li><b>7a</b> Defroster outlet</li> <li><b>8</b> Side outlet and door outlet flap</li> <li><b>8a</b> Side outlet</li> <li><b>8b</b> Door outlet</li> </ul> | <ul style="list-style-type: none"> <li><b>9</b> Rear compartment side outlet</li> <li><b>10</b> Rear compartment outlet</li> <li><b>11</b> Footwell flap</li> <li><b>11a</b> Front footwell air outlet</li> <li><b>11b</b> Rear footwell air outlet</li> <li><b>20</b> Dust filter</li> <li><b>21</b> Blower</li> <li><b>22</b> Activated charcoal filter</li> <li><b>23</b> Evaporator</li> <li><b>24</b> Heater heat exchanger</li> <li><b>25</b> Condensation water drain</li> </ul> |
|---|---|

**Automatic air conditioning (AAC) cooling mode with activated charcoal filter**

- Settings:**
- EC OFF
  - both AUTO buttons engaged
  -  ON
  -  OFF
  -  OFF
  - Center outlet on AUTO

**Function**

In cooling mode, fresh air (A) is drawn in by the blower (21) via the fresh air flap (1) or in recirculated air mode, interior air is drawn in via the air recirculation flap (2). The air cleaned by the dust filter (20) is led through the two activated charcoal filters (22) ( , LED illuminated) and flows through the cooled evaporator (23) and is dried and cooled down there.

Then the dried and cooled air (B) is led through the unheated heater heat exchanger (24) to the air outlets (7, 8, 9, and 10). The dried and cooled air is led to the center outlet (6) via the open center outlet blend flaps (5). The center outlet diverter flaps (4) can also be opened if it is necessary to cool down the interior very rapidly. When the interior temperature approaches the preselected interior temperature the center outlet diverter flaps (4) close again slowly. The center outlet diverter flaps (4) are closed in the regulated condition.

The footwell flaps (11) are closed in cooling mode. The defroster outlet flaps (7) can be opened when the outside air is dry. Other flaps can be operated manually. During the transition from cooling mode to heating mode (mode change) the center outlet blend flaps (5) start to close and the footwell flaps (11) start to open. The condensation water is led off into the atmosphere via the condensation water drain (25).