

# Error codes

## mechanical ventilation

L2003312-B 10.04.2024

If the troubleshooting shows that the problem can be solved by replacing a component, please refer to the spare parts list.

Various error codes may appear on the display of a ventilation system (for a C system, the only error message is a red LED on a user controller).

Below you will find an overview of these codes, with the error description/problem definition and solution next to each.

ERROR CODE	TYPE OF ERROR	ERROR DESCRIPTION AND SOLUTION
1.4.1	error	No fan response; check and/or replace the fan.
3.1.1	error	ODA (outdoor air to the unit) temperature sensor value is too low; check and/or replace the sensor.
3.1.2	error	ODA (outdoor air to the unit) temperature sensor value is too high; check and/or replace the sensor.
3.1.3	error	ODA (outdoor air to the unit) temperature sensor cannot be read; check and/or replace the sensor.
3.1.4	error	ODA (outdoor air to the unit) temperature sensor has been measuring the same temperature for a long time; check and/or replace the sensor.
3.1.5	error	ODA (outdoor air to the unit) temperature sensor is short-circuited; check and/or replace the sensor.
3.1.6	error	ODA (outdoor air to the unit) temperature sensor has a bad connection; check and/or replace the sensor.
4.1.1	error	ETA (extract air from the house to the unit) temperature sensor value is too low; check and/or replace the sensor.
4.1.2	error	ETA (extract air from the house to the unit) temperature sensor value is too high; check and/or replace the sensor.
4.1.3	error	ETA (extract air from the house to the unit) temperature sensor cannot be read; check and/or replace the sensor.
4.1.4	error	ETA (extract air from the house to the unit) temperature sensor has been measuring the same temperature for a long time; check and/or replace the sensor.
4.1.5	error	ETA (extract air from the house to the unit) temperature sensor is short-circuited; check and/or replace the sensor.
4.1.6	error	ETA (extract air from the house to the unit) temperature sensor has a bad connection; check and/or replace the sensor.

ERROR CODE	TYPE OF ERROR	ERROR DESCRIPTION AND SOLUTION
6.1.1	error	EHA (exhaust air from the unit to the outside) temperature sensor value is too low; check and/or replace the sensor.
6.1.2	error	EHA (exhaust air from the unit to the outside) temperature sensor value is too high; check and/or replace the sensor.
6.1.3	error	EHA (exhaust air from the unit to the outside) temperature sensor cannot be read; check and/or replace the sensor.
6.1.4	error	EHA (exhaust air from the unit to the outside) temperature sensor has been measuring the same temperature for a long time; check and/or replace the sensor.
6.1.5	error	EHA (exhaust air from the unit to the outside) temperature sensor is short-circuited; check and/or replace the sensor.
6.1.6	error	EHA (exhaust air from the unit to the outside) temperature sensor has a bad connection; check and/or replace the sensor.
16.1.1	error	Extract air pressure sensor value is too low; check and/or replace the sensor.
16.1.2	error	Extract air pressure sensor value is too high; check and/or replace the sensor.
16.1.3	error	Extract air pressure sensor cannot be read; check and/or replace the sensor.
16.1.4	error	The extract air pressure sensor has been measuring the same value for a long time; check and/or replace the sensor.
16.1.5	error	The extract air pressure sensor is short-circuited; check and/or replace the sensor.
16.1.6	error	The extract air pressure sensor has a bad connection; check and/or replace the sensor.
28.4.1	error	No fan response; check and/or replace the fan.
29.1.1	error	The supply air pressure sensor is too low; check and/or replace the sensor.
29.1.2	error	The supply air pressure sensor is too high; check and/or replace the sensor.
29.1.3	error	The supply air pressure sensor cannot be read; check and/or replace the sensor.
29.1.4	error	The supply air pressure sensor has been measuring the same value for a long time; check and/or replace the sensor.
29.1.5	error	The supply air pressure sensor is short-circuited; check and/or replace the sensor.
29.1.6	error	The supply air pressure sensor has a bad connection; check and/or replace the sensor.

ERROR CODE	TYPE OF ERROR	ERROR DESCRIPTION AND SOLUTION
30.1.1	error	SUP (supply air from the unit to the house) temperature sensor value is too low; check and/or replace the sensor.
30.1.2	error	SUP (supply air from the unit to the house) temperature sensor value is too high; check and/or replace the sensor.
30.1.3	error	SUP (supply air from the unit to the house) temperature sensor cannot be read; check and/or replace the sensor.
30.1.4	error	SUP (supply air from the unit to the house) temperature sensor has been measuring the same temperature for a long time; check and/or replace the sensor.
30.1.5	error	SUP (supply air from the unit to the house) temperature sensor is short-circuited; check and/or replace the sensor.
30.1.6	error	SUP (supply air from the unit to the house) temperature sensor has a bad connection; check and/or replace the sensor.
31.19.1	warning	Replace the filters.
32.10.1	warning	Outdoor temperature too low - ventilation is switched off for 8h.
33.10.1	error	Outdoor temperature too low - ventilation is permanently switched off. Restart the DucoBox later.
34.12.1	error	The control unit is defective. Replace the control unit
34.12.2	error	The control unit is defective. Replace the control unit
34.12.3	error	The motor of the control unit has overheated. Wait half an hour.
34.12.4	error	The motor of the control unit has overheated. Wait half an hour.
34.12.5	error	The motor encounters too much resistance; check the window ventilator flap.
34.12.6	error	The control unit is defective. Replace the control unit
34.12.7	error	The motor of the control unit has too low a supply voltage; check the power supply and/or replace the controller.
34.12.8	error	The control unit is defective. Replace the control unit.
35.17.1	error	Temperature sensor value is too low; check and/or replace the sensor.
35.17.2	error	Temperature sensor value is too high; check and/or replace the sensor.

ERROR CODE	TYPE OF ERROR	ERROR DESCRIPTION AND SOLUTION
35.17.3	error	The value of the temperature sensor cannot be read; check and/or replace the sensor.
36.24.1	error	The connection to the weather station has been lost. Check the connection.
36.24.2	error	The connection with the outdoor temperature sensor has been lost. Check the connection.
37.17.1	error	The value of the CO <sub>2</sub> sensor is too low; check and/or replace the sensor.
37.17.2	error	The value of the CO <sub>2</sub> sensor is too high; check and/or replace the sensor.
37.17.3	error	The value of the CO <sub>2</sub> sensor cannot be read; check and/or replace the sensor.
40.17.1	error	The value of the Humidity sensor is too low; check and/or replace the sensor.
40.17.2	error	The value of the Humidity sensor is too high; check and/or replace the sensor.
40.17.3	error	The value of the Humidity sensor cannot be read; check and/or replace the sensor.
42.22.1	error	The number of connected valves is too high. The maximum number is given in the manual.
42.22.2	error	The number of connected valves is too low. The minimum is 2.
43.23.1	warning	The adjustment has not yet happened or has failed. Do the adjustment (again).
43.23.2	warning	The desired flow rate cannot be achieved. Check the entire installation.
44.6.1	error	There is no connection to the Duco Pre-Heater . Check the connection.
44.6.2	error	A Duco Pre-Heater is connected to the DucoBox . Go to settings to configure it.