

Ladies and Gentlemen,

Starting from this season, ESPAR offers heaters of Airtronic family, equipped with a new control unit.

We also took this rearrangement as an opportunity to revise the versions of these heaters and their installation kits. In this circular we introduce the improvements by the rearrangement of the control units as well as the heater versions and its installation kits to you. **After sale of the current Airtronic versions the new variants (with new control unit) will be available.**

### **New generation of control units for heaters Airtronic/Airtronic M/Airtronic L:**

All versions of the Airtronic/Airtronic M heaters have been equipped with new control unit variants and software data sets.

This results in the following innovations:

► **Least heating power level is 900 watt !**

The least power level for the operation have been reduced to 900 watts at Airtronic D4 heaters.

Effect: - **low operating noise**  
- **low current consumption**

Note: the least power level of the Airtronic D2 is 850 watt. Those of the Airtronic B4, 1300 watt

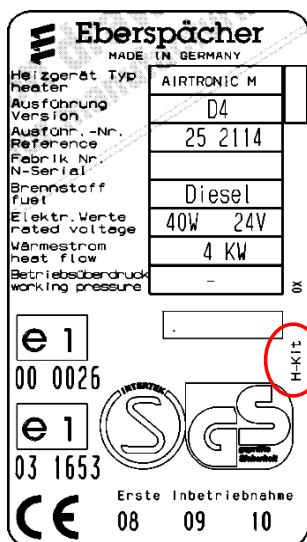
► **Automatic adjustment to the altitude** with an optional height kit

All heaters with the new control unit are prepared for operation in higher regions (> 1400 metres). With the optional height kit an operation of the heater in regions up from 1400 until 3000 metres are possible. After starting the heater the height sensor which is enclosed with the kit measures the atmospheric pressure and communicate it to the control unit. The control unit adjusts then the frequency of the metering pump. Because of this the heating power in height operation will be reduced by approx. 9% per 1000 metres. In regions below to 1400 metres the heater works in normal operation with the full heating power.

Example: at the Airtronic D4 (4000 watt max. heating power) the heating power will be reduced by 360 watt per 1000 metres above 1400 meters.

Order data height kit: 22 1000 33 22 00

### **Compatibility:**



If you intend an upgrade of an existing heater installation with the height kit, please check at first if the control unit of the heater is prepared for an height operation. There are 3 possibilities to do that:

1. At the right side of the type plate of the heater you will find the information **H-Kit**. If this information is placed, the heater is prepared for the automatic adjustment to the altitude.
2. On the package of the heater (box) is a label on which the order no. of the heater is placed. The last two digits of this number (e.g. 0N) informs about the status of the heater. In the table of the next page you will find the information up from which heater status a compatibility with the height kit is given.

Pict.: Label on heater ECU – Information about the heater status

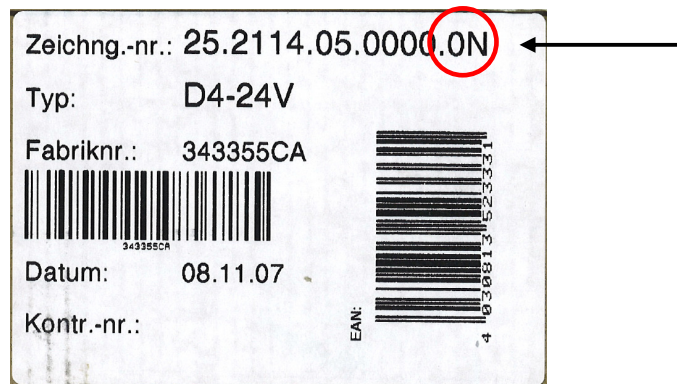


Table: Compatibility of heater versions with the height kit up from status:

Type:	Heater no:	up from status:
D2 12V	25.2069.05.0000	.0P
D2 24V	25.2070.05.0000	.0O
B4 12V	20.1812.05.0000	.0D
D4 12V	25.2113.05.0000	.0P
D4 24V	25.2114.05.0000	.0O
B5 12V	20.1859.05.0000	.0F
D5 12V	25.2361.05.0000	.0G
D5 24V	25.2362.05.0000	.0G