

Service/maintenance:	
Client:	
Address:	
Postcode:	
Tel:	
Indication of arrival time	
Fire:	
Check the fire on the following points.	Check
1. Flue <ul style="list-style-type: none"> • Check that the concentric duct and the terminal are not blocked. • Has the correct flue-gas limiter been fitted 	
2. Gas pipe (Check with a gas-pressure meter) Check the gas pipe for possible leaks. (Check the inlet pressure (static pressure); it should be +/- 20 mbar) Pressure loss in 1 min. = Tip: leave the gas-pressure meter connected during your maintenance work.	
3.a Check control system; Ionisation safety (Honeywell) <ul style="list-style-type: none"> • Establish a bluetooth connection with the ITC. Go to Diagnostics/ Diagnostics messages/ and read the error codes. (Diagnostics messages provide clear information about the fire's performance) <ul style="list-style-type: none"> • Read the given diagnoses and take action where necessary. 	
3.b Check the control system; Pilot light safety (Mertik) <ul style="list-style-type: none"> • Replace the batteries in the remote control: Check the power adapter, does it provide at least 6 Volt? (If batteries are used, replace the batteries in the receiver.)	
4. The combustion chamber: <ul style="list-style-type: none"> • Remove the decoration material from the burner • Replace or repair broken logs • Clean the combustion chamber with a vacuum cleaner • Clean the primary air hole and the burner with a vacuum cleaner • Check that all the overpressure hatches close/are closed. • Check the seals of the glass pane Position decoration material: <ul style="list-style-type: none"> • Always position the decoration material in accordance with the instruction chart. The ignition pin/pilot light/thermocouples and ionisation probe should be visible and free from decoration material. Tip: Too much decoration material or material that is placed incorrectly will have a negative impact on the fire effect. Tip: Glow wool may not come into contact with the ignition and the ionisation probe Tip: Start the fire the first time without the glass pane in place to make it easier to make any adjustments to the decoration material.	

<p>5. Cleaning the pane</p> <ul style="list-style-type: none"> • Use Faber Polish Glass cleaner, and follow the instructions on the info sheet “glass maintenance” • Fit the pane. <p>Tip: Make sure you wear cotton gloves.</p>	
<p>6.a Check the operating system; Ionisation safety (Honeywell)</p> <p>Start the fire with the app and navigate to: Diagnostics/Actual measured values During the start, pay attention to the following:</p> <ul style="list-style-type: none"> • Does the ignition pin produce a clear spark • Does the main burner ignite calmly. • Is the ionisation probe positioned properly in the flame • Read the actual measured values: <ul style="list-style-type: none"> ➤ Ionisation current. <div style="text-align: right;"> Actual(μA) = Average (μA) = (Should produce at least 1.5 μA) </div> ➤ Modulation valve <div style="text-align: right;"> Current (mA) = Burner pressure = (Compare the burner pressure with the technical data in the installation manual) </div> ➤ ITC controller <div style="text-align: right;"> Measured temperature = (The given temperature is measured in the ITC module) </div> ➤ Check gas inlet pressure: (read the data of the gas-pressure meter) Check the inlet pressure (static pressure); it should be +/- 20 mbar. <div style="text-align: right;"> Inlet pressure no load (+/- 10%) Measured value = Inlet pressure with load (+/- 10%) Measured value = </div> 	
<p>6.b Check the operating system; Pilot light safety (Mertik)</p> <p>Start the fire with the remote control: During the start, pay attention to the following:</p> <ul style="list-style-type: none"> • The ignition spark is regular and clear • The pilot light starts with no more than 2 attempts • The pilot light is tight and blue and touches the thermocouple properly. • Does the main burner ignite calmly. <ul style="list-style-type: none"> ➤ Check the thermocouples: Thermocouple voltage pilot light side = on the Red interrupter and earthing of the gas control block <div style="text-align: right;"> Measured value = (A good value +/- 12/15 mV) </div> ➤ Thermocouple voltage magnetic-valve side = on the black interrupter and earthing of the gas control block <div style="text-align: right;"> Measured value = (Minimum 4.5 mV) </div> ➤ Thermocouple voltage, main burner = 5-pole plug and earthing of the gas control block <div style="text-align: right;"> Measured value = (1.8 mV in 20 sec.) </div> ➤ Check gas inlet pressure: (read the data of the gas-pressure meter) Check the inlet pressure (static pressure); it should be +/- 20 mbar <div style="text-align: right;"> Inlet pressure no load (+/- 10%) Measured value = Inlet pressure with load (+/- 10%) Measured value = </div> 	

Tip: When you put the control unit back, make sure the ignition cable is free below the fire and away from metal parts; the ignition cable should be at least 10 cm away from the aerial on the receiver.	
7. Check for gas leaks: Check the seals of all gas couplings.	
8. Flue-gas analysis: If you have a CO/CO2 flue-gas analyzer, it is possible to check the combustion gases and the supply air. There are two measuring pipes for this purpose on the front of the fire between the inset frame and the glass pane. Leave the fire burn at full capacity for at least 15 min to achieve a correct measurement. The CO2 and CO ratio may not exceed 1:100 Example - CO2 is 4% and CO is 400ppm, measured on high Tip: too much and incorrectly placed decoration material may produce a high CO value.	
<div style="text-align: right;">Service /maintenance carried out by:</div>	
<div style="text-align: right;">Date:</div>	