

12. TROUBLESHOOTING

Trouble	Action
<i>Burner does not light.</i>	<ul style="list-style-type: none"> • Check if gas valve of the gas cylinder or gas line is open • Check if gas cylinder is empty • First ignition will take up to 60 or more seconds before gas is available • Check if the injector is blocked • Check if the gas pressure/gas quality is identical to the pressure indicated on the data plate
<i>Burner extinguishes after lighting</i>	<ul style="list-style-type: none"> • Keep button safety device pressed for a longer period (up to 25 seconds) • Check if the thermocouple is connected properly to the gas safety device • Check if the thermocouple tip touches the flame • Thermocouple or magnetic coil of the safety device is broken. • Gas pressure lower than the minimum • Heater not suspended at 15 degrees angle
<i>Flames comes outside the burner, - or sooting, - or a blue cloud is under the reflector</i>	<ul style="list-style-type: none"> • Gas pressure is too high. Check the gas pressure with the data plate • Check if the gas pressure regulator is broken. • Wrong gas used. Check data plate for the correct gas supply • Venturi/air inlet is blocked/dirty • Check the size of the venture and injector with the table • Not enough fresh air available • Air filter is dirty • Heater not suspended at 15 degrees angle
<i>The burner is only partly glowing</i>	<ul style="list-style-type: none"> • Wrong gas or pressure. Check data plate with the gas supply • Check if the injector or venturi are blocked or dirty • Check the injector and venture are the correct size • Check if pipe sizes or gas hoses have sufficient capacity • Check the setting of the thermostat
<i>The burner makes a lot of noise after ignition or after several minutes</i>	<ul style="list-style-type: none"> • Wrong gas. Check data plate with the gas supply • Check if the venturi gauze is broken or damaged in which case the flame will burn inside the venturi tube
<i>The burner do not work at minimum supply pressure</i>	<ul style="list-style-type: none"> • Gas pressure is not correct. Check the gas pressure with the data plate • Wrong gas is used. Check data plate for the correct gas supply • Check the size of the venture and injector with the table • Sensor or wire thermostat is broken • Thermostat valve adjusting mechanism is blocked
<i>Heater will not reach the desired temperature</i>	<ul style="list-style-type: none"> • There is insufficient heat in the building for heat loss (i.e., not enough brooders). • The thermostat sensing bulb is incorrectly placed • The thermostat is out of calibration or broken