

BROODER ASSEMBLY DETAILS

The M Series Brooders (6/9/13/20) are supplied in two separate pieces, 1) the burner/control assembly and 2) the Canopy (they may be supplied in separate packaging). They must be installed by a qualified competent person & fully checked for leaks/faults.

ASSEMBLY. See diagrams below; Mount the burner assembly up into the canopy whilst ensuring the canopy-edge-bracket (bracket mounted underneath the main-feed/control) is correctly positioned at the edge of the canopy. You will then need to place the central mounting bracket over the screw thread protruding through the canopy. Using the large washer and nut (wing nut on M6/9/13), screw everything into place, ensuring it is all 'square' and secure. Fix the edge bracket (already attached to the heater feed pipe fitting) in place using the two M6 cross-slotted bolts, up through the washers, canopy, and bracket, and then using the M6 lock-nuts, fasten the assembly together securely.

Connect the two shorter chains to the central mounting bracket and the slightly longer one to; M6/9 the 'S' hook fitted under the control, or M13/20 to the hooked end of the canopy edge bracket. The exact positioning of this chain can be varied in order to ensure the brooder hangs horizontally. This can be adjusted when the heater is in place.

RECOMMENDED OPERATING HEIGHTS (Measured from rim of canopy).

	M6	M9	M13	M20
MIN	530mm (21")	610mm (24")	760mm (30")	760mm (30")
MAX	760mm (30")	900mm (36")	1040mm (41")	1060mm (42")

IMPORTANT

To reduce the possibility of the brooder suspension system failing (e.g. the fixing for the hanging chain could pull out) and a major accident occurring, we strongly recommend the use of a secondary device/system (e.g. cable, chain, winch, etc).

Ensure that there is at least 610mm (24") for M13/M20, and 380mm (15") for M6/M9, spacing between the top of the canopy and any combustible ceiling.

Connect to the gas supply using a Maywick hose 1040 (3.5m long) or 1045 (2.5m long). Canopies get very hot in use so you must ensure that hoses are trailed 'up and away' to prevent contact. An isolating gas tap must be fitted to the inlet side of the hose in order to isolate the gas supply should you need to move/disconnect the heater, or turn off the gas suddenly in the event of danger.

Prior to despatch, all Maywick brooders are leak & pressure tested to a very high specification, however, vibration and movement during transit could result in previously gas tight joints becoming loose. It is therefore essential that before leaving the heater, you turn on the gas supply and check for leaks at all connections especially around the hose, using a leak detector spray/solution (soapy water works well).

