

**INFRACONIC  
GAS BROODER**



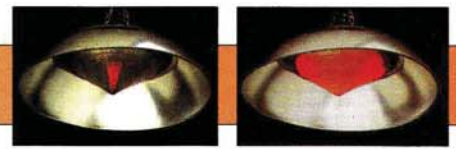
**2**   **1**  
**HEATERS IN**

**DHUMAL**

 **PLASSON**<sup>®</sup>

DHUMAL PLASSON EQUIPMENTS INDIA P. LTD.

# GAS BROODING

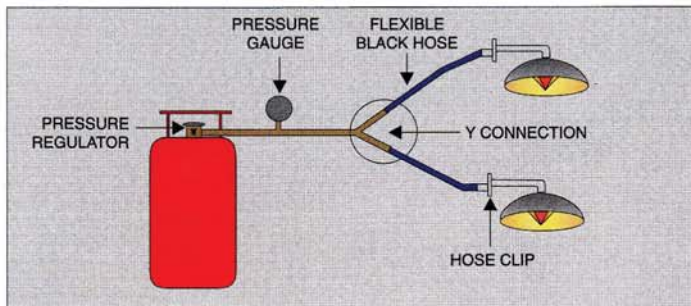


**DHUMAL PLASSON** proudly presents Infraconic Gas brooder. The two metal surfaces formed by two concentric cones i.e. two heaters in one brooder, is the main feature of this gas brooder. Small cone gives less heat & the Big cone gives more heat. Once the temperature inside the shed is maintained only the small cone can be kept ON (gas consumption is only 10%).

All brooders have a thermo electric security valve, which cuts off the gas inlet in case of accidental blackout or a failure in the supply system (**COLD SAFETY**). In case of a flame backflash (Combustion Stopping Point) the brooder is protected by the thermic fuse, which gets into failure when heater temperature gets growing in a non-usual way (**HOT SAFETY**). High quality burner increases the life of the brooder. The brooder can be washed with water under pressure. In Infraconic gas brooding the infrared rays coming out from the brooder, increases the body temperature of the chicks by 10° F. making them comfortable. Thus inducing healthy growth and resistance power. In gas brooding heat is evenly distributed and so there is no crowding under the brooder. For maximum comfort of the chicks the temperature of brooders can be controlled:

- Manually : by adjusting pressure regulator.
- Control Panel (Automatic) : Centralised system.

## INSTALLATION :



## TECHNICAL SPECIFICATIONS :

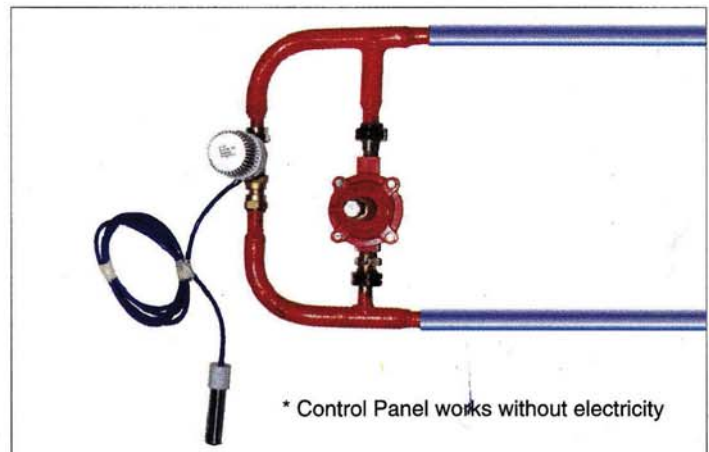
Model	Consumption g/h		Power Kw		Recommended No. of Birds	Dia mm	Weight Kg	Control Panel	
	Min	Max	Min	Max				Mini (No of Brooders)	Big
1500 HP	12	105	0.16	1.45	500 - 750	290	0.75	24 nos	40 nos
5000 HP	40	360	0.55	5.00	1200 - 1500	425	2.50	12 nos	22 nos

- \* Working Pressure is from 20 to 1400 mbar.
- \* Height of brooder should be min. 3 feet above ground level.
- \* No Air Filter required.

## ADVANTAGES OF INFRACONIC GAS BROODER :

- Two heaters in one brooder.
- Perfect, obstacle - free distribution of radiation since this brooders work only on gas.
- Power can be adjusted progressively from 10% to 100%.
- No air filter, dust is automatically eliminated.
- The heater can be washed inside as well as outside with water.
- Full radiant surface even at low rating (small cone).
- Hot and cold safety.
- Heat is evenly distributed.
- Less mortality, healthy growth of birds
- Less gas consumption and ease of operation.
- Temperature can be controlled and reduced in steps gradually.
- The conical shape of the brooder covers larger ground area & infrared rays are directed towards ground only

## MINI CONTROL PANEL



**DHUMAL PLASSON**  
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