



**RIVER**



**GAS BROODER  
ART. 119/H**


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## GAS BROODER

*The ideal source of heat for your poultry shed*

The gas brooder heating system by River Systems is an effective and versatile heat source for your poultry house that is easy to install and maintain. Thanks to its shape, the heat is concentrated in a small area, which creates the ideal comfort zone for the chicks; here they find the environment necessary for their growth, comparable to what they would find under the hen's wing. Precisely for this reason, the gas brooder by River Systems is particularly suitable during the first days of life, significantly reducing the chick mortality rate. The gas brooder works the aid of a pressure regulator from 10 to 200 mbar: competitive and reliable, it allows saving 40 - 50% fuel compared to traditional heating. The system is equipped with an easy-to-maintain filter and safety valve.

### TECHNICAL DATA

	Model category I3+ / I3B/P	Pressure mbar G30 - G31	Performance - Watt G30 - G31		Consumption g/h G30 - G31		Nozzle Ø mm	Radiant distance (cm)	
			max.	min.	max.	min.		side	ceiling
	H/119 Pin: 1312DL6472	10-200	5000-4000	1100-950	364-320	80-69	0.68	20	80

### TECHNICAL DATA ON PRESSURE REGULATORS

No. of gas brooders	Capacity kg/h	Input pressure	Output pressure
1 to 10 gas brooders	4	0,2÷10 bar	22÷200 mbar
11 to 54 gas brooders	20	0,2÷10 bar	5÷190 mbar
55 to 109 gas brooders	40	0,2÷10 bar	5÷190 mbar

### TECHNICAL CHARACTERISTICS

- **Operation:** propane gas
- **Pressures:** 10 to 200 mbar
- 102 to 20394 mm water column
- **Infrared emission time:** 90 seconds
- **Carbon monoxide (CO):** less than 0.1%.
- **Air flow stability:** up to 2 mt/sec
- **Pallet:** 120x80x200 cm
- **Pieces per pallet:** 108
- **Pieces per carton:** 3
- **Weight:** 1,2 kg
- **Barcode 119/H:** 8068057261647



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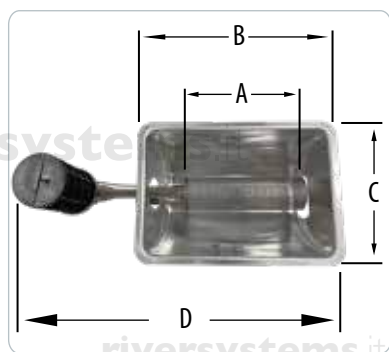
- Specifically designed for heating livestock farms
- 40-50% fuel saving compared to traditional heating
- High reliability
- Absence of thermal inertia
- Easy to install
- Minimum maintenance
- Wide operation range (from 10 to 200 mbar)
- Maximum constructive simplicity
- Easy-to-maintain safety valve and filter

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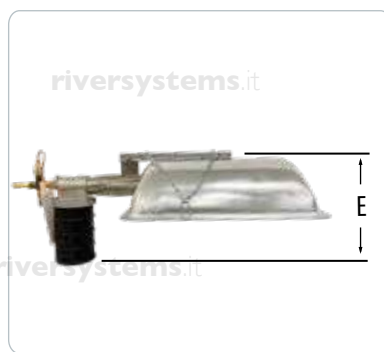
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## PRODUCT DETAILS AND DIMENSIONS

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- A: 210 mm  
B: 340 mm  
C: 245 mm  
D: 576 mm



E: 210 mm



Thermocouple and filter

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Approximate number of subjects heated by one radiant	Height above ground in cm	
	119/H	
Broilers	1000	110 - 160
Laying hens	1000	180 - 230
Turkeys	450	110 - 160
Guinea fowls	750	110 - 160
Ducks	750	110 - 160
Quails	600	110 - 140
Pheasants	600	110 - 140
Rabbits (breeders)	60	140 - 190
Rabbits (fattening)	600	150 - 210
Calves	24	230 - 275
Dairy cows	30	280 - 320
Goats	60	190 - 270
Muttons	90	210 - 300

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