

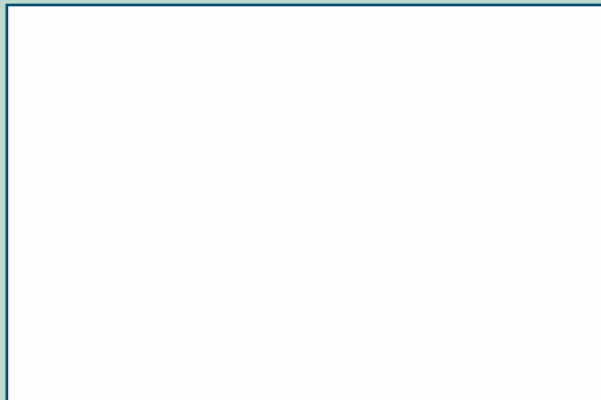


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CERAMIC RADIANTS

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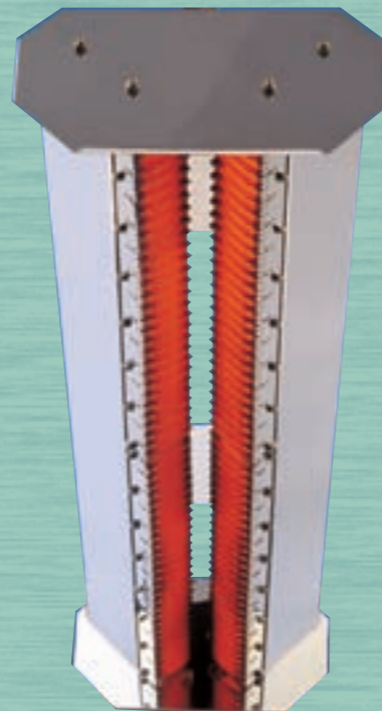
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CONVENTIONAL radiants
450 to 1.300 W



CONVENTIONAL radiants
3 000 to 7.000 W



DOUBLE radiants
10.500 to 14.000 W



CERAMIC RADIANTS

UP TO 40% ANNUAL SAVINGS



**Choice of comfort temperature
for each animal**



GAS CERAMIC RADIANTS

9 SIZES : 450 to 14.000 W

Like the sun, ceramic radiants emit infrared rays towards the floor which turn into heat when they encounter the animals or the floor. This offers many advantages in a poultry or livestock house :

- The direct heat received by the animals gives them the best comfort for their optimum growth. Their feed conversion is improved.
- The floor remains comfortable and at the right temperature for the resting animals. The moisture from the animals excrements is permanently evaporated. The hygiene conditions are improved. In a poultry house the litter can be used longer and its maintenance cost is minimized.



CONVENTIONAL Radiants

Radiant	Capacity W	Cons. g/h	Hanging Height cm	Number of chickens*
1 FS	450	31	60 à 90	1.000
2 FS / FA	900	62	90 à 130	1.000
3 FS / FA	1.300	98	80 à 100	1.000
6 FS / FA	3.000	220	80 à 100	1.000
8 FS / FA	3.500	260	80 à 120	1.000
12 FS / FA	5.250	390	120 à 170	1.500
16 FS / FA	7.000	510	140 à 190	2.000

* Pending other design criteria are fulfilled : contact your SBM specialist

DOUBLE Radiants

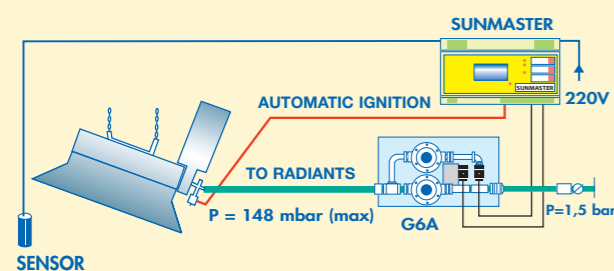
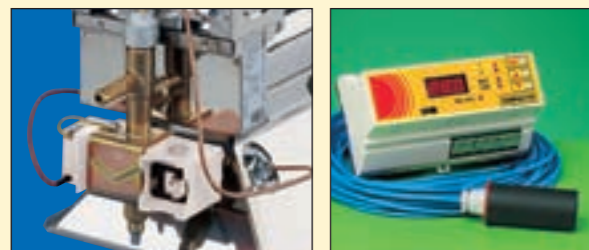
Radiant	Capacity W	Cons. g/h	Hanging Height cm	Floor coverage* length x width
212 FS / FA	10.500	740	170 à 250	14m x 14m
216 FS / FA	14.000	980	190 à 300	14m x 14m

* Pending other design criteria are fulfilled : contact your SBM specialist

GAS SAVINGS • OPTIMUM ANIMAL PERFORMANCE FLOOR KEPT COMFORTABLE

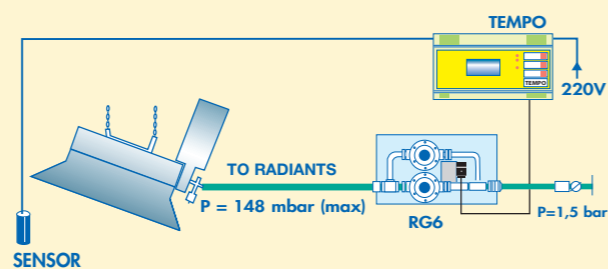
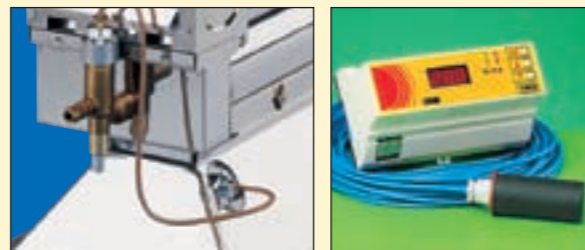
INSTALLATION with AUTOMATIC ignition and control

SBM FA radiants are equipped with an electronic block which acts as an automatic on/off switch. The SUNMASTER control module adjusts the heat output, orders re-ignition and switches the radiants off.



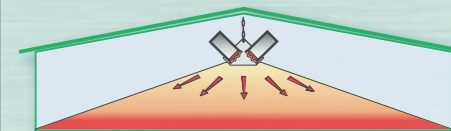
INSTALLATION with SEMI AUTOMATIC control

FS radiants are ignited and switched off manually. Their heat output is adjusted automatically with a TEMPO control module.



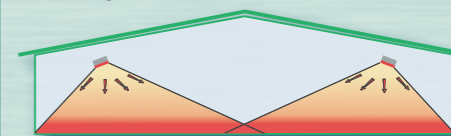
CENTRAL installation :

216 or 212 radiants are installed along the central axis of the house. Their two cross-range emitters heat the entire width of the house. High-capacity **DOUBLE radiants** are inexpensive to install and easy to operate and maintain.



LATERAL installation :

The radiants are hung in two rows along the sidewalls, and usually facing the center of the house. All FA or FS **CONVENTIONAL radiants** can be installed in a lateral configuration.



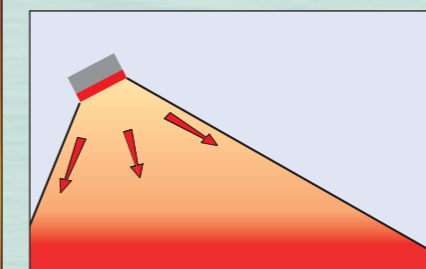
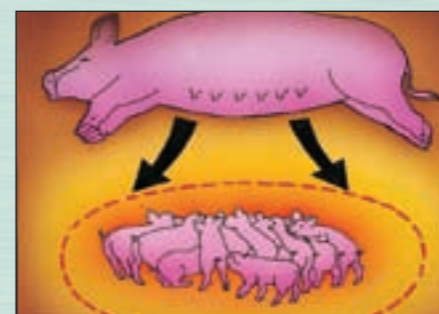
INDIVIDUAL installation :



■ In a **farrowing** crate, the heated zone must attract the baby pigs after each nursing.

■ In a **nursery** pen, the heated zone must attract the pigs each time they want to rest.

■ Only infrared heat rays can create attractive heated zones in farrowing or nursery buildings.





208 XL · 212 XL · 216 XL

NEW GAS CERAMIC BROODERS

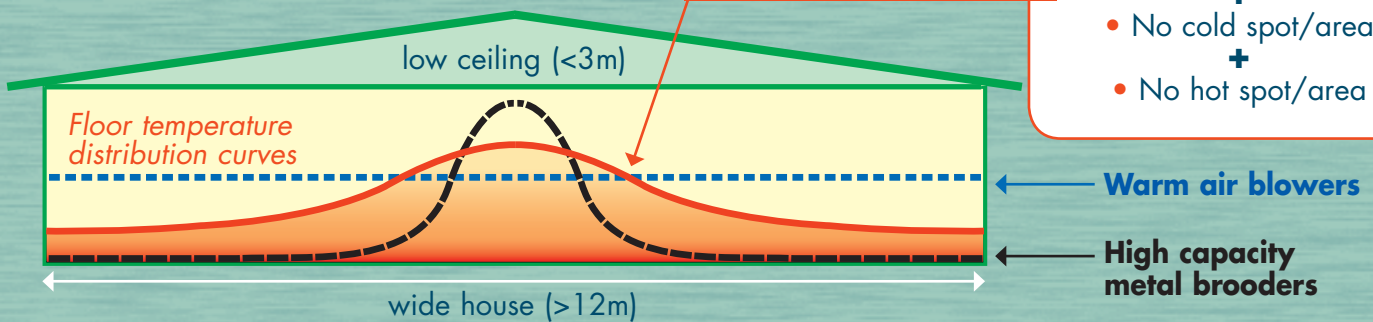
For low ceiling and wide poultry houses



Ceramic XL brooders

Optimum bird comfort =

- Choice of comfort temperature for each bird
- +
- No cold spot/area
- +
- No hot spot/area



Brooders	Capacity W	Cons. g/h	Hanging height cm	Floor coverage* length x width
208 XLS / XLA	7 000	510	80 to 160	14m x 18m
212 XLS / XLA	10 500	740	100 to 180	14m x 18m
216 XLS / XLA	14 000	980	120 to 200	14m x 18m

* Pending other design criteria are fulfilled : contact your SBM specialist

- FULL FLOOR COVERAGE
- OPTIMUM FLOCK PERFORMANCE
- GAS SAVINGS

XL brooders can be installed in one central line, even in low ceiling and wide houses. They spread the heat throughout the entire floor area, creating ideal comfort conditions for each bird.

XL brooders are strong, light and compact. They are easy to install, operate and maintain.

Equipped with fully automatic ignition, **XLA brooders** are controlled by a SUNMASTER digital module. They are also compatible with all leading brands of environment computers.

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