



HP Portable Slabs for Local Heating

The food industry has long become one of the most important industries. Food quality requirements are becoming stricter. Modern livestock for high-quality produce introduces and applies new technologies at all stages of the production cycle.



Specialized R&D companies work non-stop to improve the animal welfare technology. One of their research areas is optimum temperature and humidity conditions maintenance for livestock. For pig-breeding facilities, this parameter is particularly important.

Purpose

We are pleased to present modern HP heaters for young stock local heating at livestock farms. The slabs are manufactured of impact resistant glass fiber concrete*. The slab heating element is made of two-core screened heating cable of constant resistance, featuring high degree of electrical safety and resistance to overheating. Because of this, the slabs do not require maintenance and have a long service life. HP heating plates are environmentally friendly, safe for health and efficient.

* Glass fiber concrete is specially designed chemically resistant concrete armed with fiberglass strings. One of the glass fiber concrete important advantages is its increased wear resistance and exceptional impact resistance.



Nomenclature

We are pleased to present two types of HP Heating slabs:

1. Versatile HP-130 slabs;
2. HP-60/100/120 – possible to install into the EU standard livestock breeding stalls.

DESCRIPTION	HP-60 (D)	HP-100 (D)	HP-120 (D)	HP-130 (T)
Suitability for installation in slotted collapsible floors	Y	Y	Y	N
Heating Element Rated Power, W	60	100	120	130
Dimensions, mm	800×380×45	1200×380×45	1600×380×45	1150×550×30
Weight, kg	25	35	50	40
Cable harness position	Bottom	Bottom	Bottom	Side
Rated Voltage, V	220			
Class of electric shock protection	I			
Degree of elements protection	IP X7			
Climate version	UHL 4			
Max heating temperature, °C	+40			
Min storage temperature, °C	-1			
Harness cable length, m	2			
Service Life / Warranty	Over 10 years / 2 years			

- 1) HP...- without temperature gauge installation jack,
- 2) HP...T - with temperature gauge installation jack,
- 3) HP...D - with installed temperature gauge.

Control System

For temperature control, it is recommended to use [RT-340](#) thermostat – *Not included*