

# LCSA EXTERNAL SERIES



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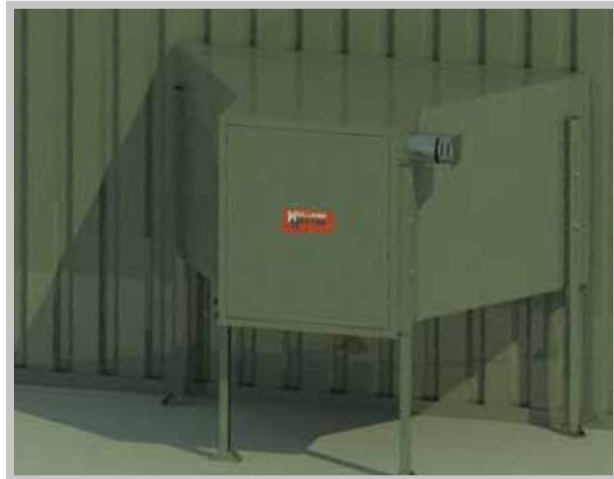


# LCSA External Series - Heating solutions for livestock buildings

Successful livestock production requires innovative, sustainable, and clean heating systems. The LCSA External indirect fired heaters meet these requirements and provide an optimised heating solution to ensure animal welfare, increased production, and a reduction in heating cost.

## Product benefits

- The unit is installed on the outside of the building and the face side is inserted through a cut-out in the wall.
- Easy to do maintenance- or repairs outside, without damaging any items inside the house. This also reduces the risk of contamination.
- Fast and easy access to service compartment with large service door.
- Cleaning of the unit is done from inside the building. The main fan, louvre frame and cleaning door on the front are all mounted on hinges to provide easy access to clean.
- Drain holes with plugs are situated in the front corners to drain water and dirt during cleaning.
- Low noise due to combustion chamber located outside the building.
- Control is possible through a climate controller.
- Optimised air distribution with adjustable vertical louvres.
- No long inlet- or exhaust tubes inside the building.
- Optimised air quality due to closed combustion and no CO<sub>2</sub> emissions or water vapor in the building. This improves energy efficiency.
- Well-insulated panels reduce heat-loss and saves energy.
- The unit does not absorb any oxygen for combustion from inside the house. Therefore, no additional ventilation is required, and energy cost is reduced.
- This inlet is positioned in such a way that rain and wind will not affect the inlet airflow.
- The air inside the house is recirculated 100% and improves efficiency.
- All gas and electric supply connections are on the outside of the building.
- The unit is made of rust-resistant material and powder coated to match building exterior colour.
- The heat exchanger is made from robust stainless steel.



- The heater is CE UKCA-approved
- The LCSA is optionally also available in the green RAL color 6003.

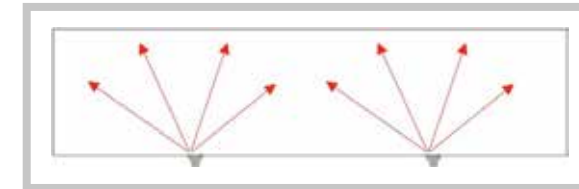
## Technical specification

Model LCSA External series		100
Rated load	kW	95
Air movement	m <sup>3</sup> /h	10111
Electric consumption	Amp.	7,7
Consumption propane (G31)	kg/h	8,24
Consumption natural gas (G20)	kg/h	11,7
Engine power	Watt	1790
Voltage	Volt	230/400
Frequency	Hz	50
Revolution speed	R. p/m	1390
Noise level	dB (A)	57
Weight	kg	298
Length	mm	2025
Width	mm	1435
Height	mm	1005

No rights can be derived from these technical specifications

## Heater positions

In a building with a maximum width of 20m, the units are installed on the same side of the house.



If the building is 20m or more in width, the units are installed in a zig-zag pattern on both sides of the house.

