

# SERIES

# EKOCIKKI 80



**New indirect  
gas warm air heater  
for poultry:  
compact, efficient,  
eco-friendly**

**EKOCIKKI** series responds to the growing breeders need to have air heating systems with clean air. The innovative model **EKOCIKKI 80** is an excellent alternative to direct-fired gas heaters that were traditionally used until today on poultry farms. Thanks to the heat exchanger technology of **EKOCIKKI 80**, **emissions of CO<sub>2</sub>, CO and NOx are totally excluded** from warm air supplied to the environment, providing **healthy conditions for poultry growth** and decreasing necessity in ventilation.

Warm air heater **EKOCIKKI 80** includes **special innovative and internationally patented heat exchanger** that permits to keep compact dimensions of the heater, reaching very high thermal efficiency. The combustion chamber and the heat exchanger are completely made of stainless steel inox AISI 430.

Warm air heater **EKOCIKKI 80** **supplies warm air directly into the environment** without air ducts. It can be configured for outside or inside installation and allows to use fresh or internal return air as well as to mix the necessary amount of them. Thanks to the pre-painted stainless steel external case with IP 44 protection degree, **EKOCIKKI 80** is resistant to any weather conditions and **can be installed outdoors** without additional protection, saving precious space inside the farm for poultry breeding.

**EKOCIKKI 80** is equipped with the atmospheric burner and provides high efficiency working with natural gas, propane or butane. The flame is completely inside the combustion chamber made of materials resistant to thermal loads and corrosion. Thanks to clean warm air supplied by EKOCIKKI 80 and decreased humidity level in the environment, less ventilation and lower air exchange rate are required, ensuring important advantages in terms of **energy savings and the quality of the environment for healthy birds growth.**

## MAIN ADVANTAGES

**EKOCIKKI 80  
high efficiency,  
reliability, safety**

**High quality materials**  
possibility of outdoor  
and indoor installation

**Innovative heat exchanger**  
compact warm air heater,  
high efficiency

**Atmospheric burner operating  
with natural gas or liquid gas**  
safe and reliable technology even  
in tough environment conditions

**Capacity output 70kW,  
air temperature deviation 32 °C**  
clean air at a mild temperature

**EKOCIKKI 80  
installation  
flexibility**

**Outdoor installation**  
more precious place inside for poultry  
breeding, gas line is totally outside

**Partial intake of outside fresh air**  
dual function: heating and air renewal

**Plug and Play**  
easy and fast installation, factory  
settings do not require any  
additional intervention of highly  
qualified personnel

**Maintenance friendly**  
no complex disassembly operations  
required during regular maintenance  
and cleaning

**EKOCIKKI 80  
well-being of birds,  
high productivity,  
significant savings**

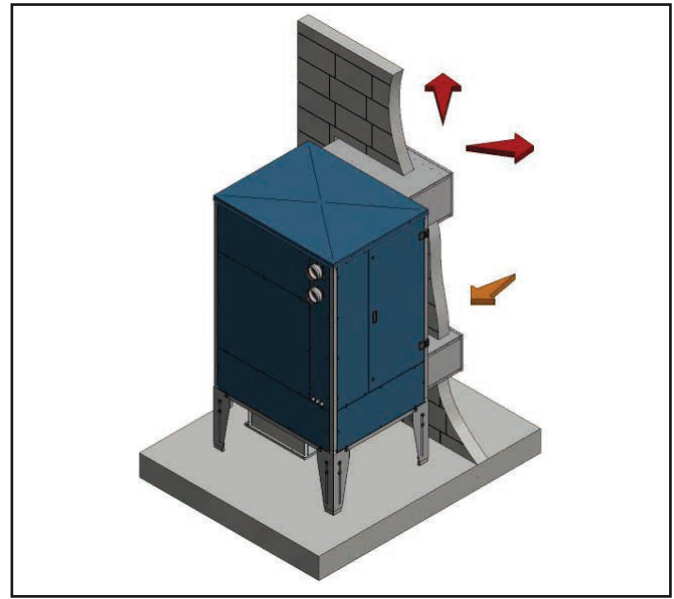
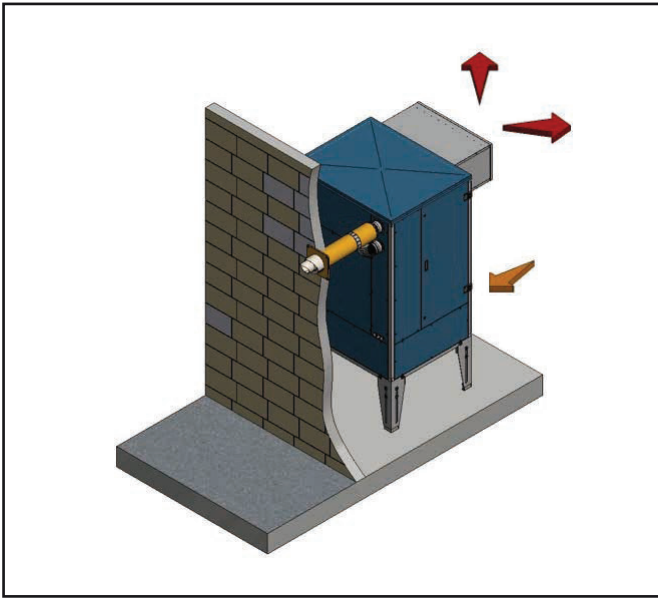
**High efficiency**  
savings by reducing fuel consumption

**Clean warm air**  
energy savings due to reduced  
need in ventilation

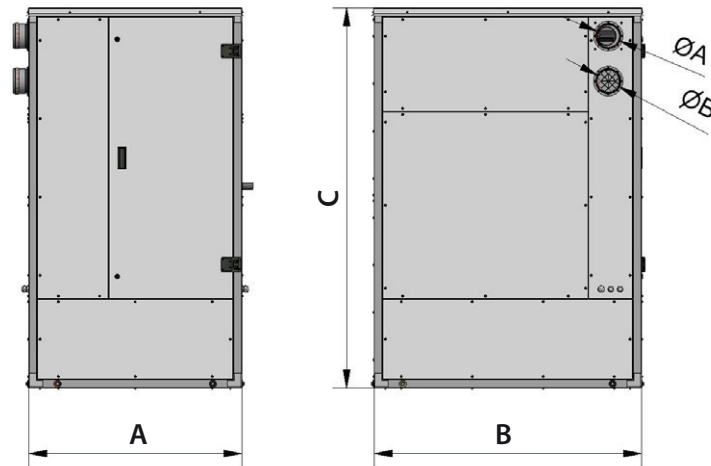
**Outdoor installation**  
costs savings for insurance,  
zero risk of fire inside the poultry farm

**No combustion products  
inside the farm**  
best quality environment for the  
healthy growth of birds

## EKOCIKKI: outside and inside installation example



## DIMENSIONS



Width (A), mm	Length (B), mm	Height (C), mm	ØA, mm	ØB, mm	Weight, kg
900	1130	1600	100	100	300

## TECHNICAL SPECIFICATIONS

# EKOCIKKI SERIES

Model	Unit	EKOCIKKI 80
Heating capacity input	kW	77,8
	kcal/h	66.900
Heating capacity output	kW	70
	kcal/h	60.200
Efficiency	%	90,0
Nominal air flow	m <sup>3</sup> /h	6.500
Air temperature deviation (ΔT)	K	32
Electrical power	kW	1
Electrical supply		230 V – 50 Hz N

⚠ On request INOX casing and customized technical features are available.