



caring for the environment

Gas unit heaters

The energy of the future
is the one that is not wasted



Why choose wall-mounted gas unit heaters as heating systems

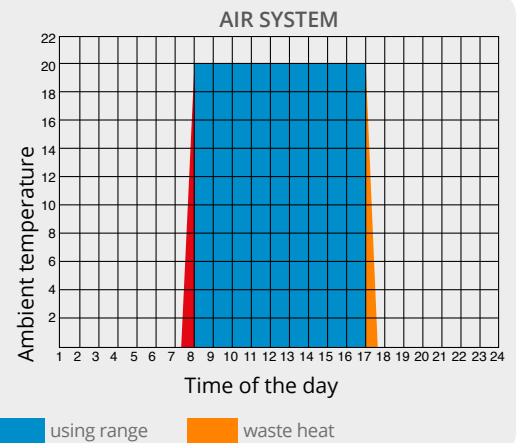
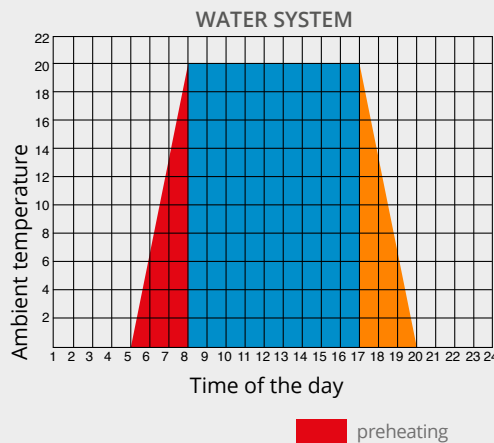
Their wall-mounted installation allow to use indoor space profitably, preventing encumbrance on the ground.

They are also ideal for changes, displacements or system extensions.



Rapid heating

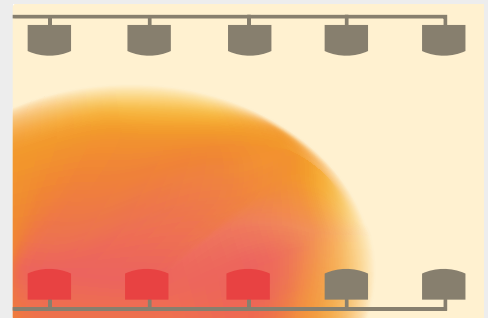
The hot-running operation, due to the low thermal inertia, **minimizes the preheating times**. In a short time even the largest environments are **immediately warm** thanks to the absence of carrier fluid, unlike water systems.



Modularity

They can easily be managed independently from one another. They only heat when and where needed, without waste. They switch on and off like a bulb.

- Heated area
- Units on
- Unheated area
- Units off



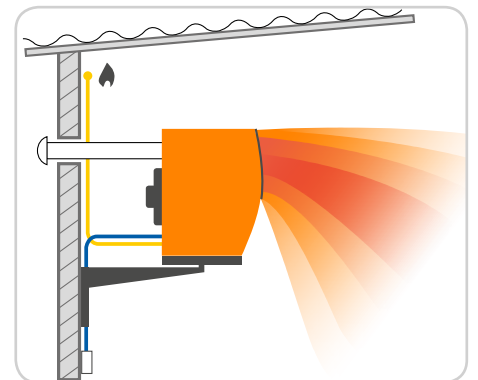
No heating plant

The gas unit heaters are installed in the room to be heated and do not require the construction of the traditional heating plant.



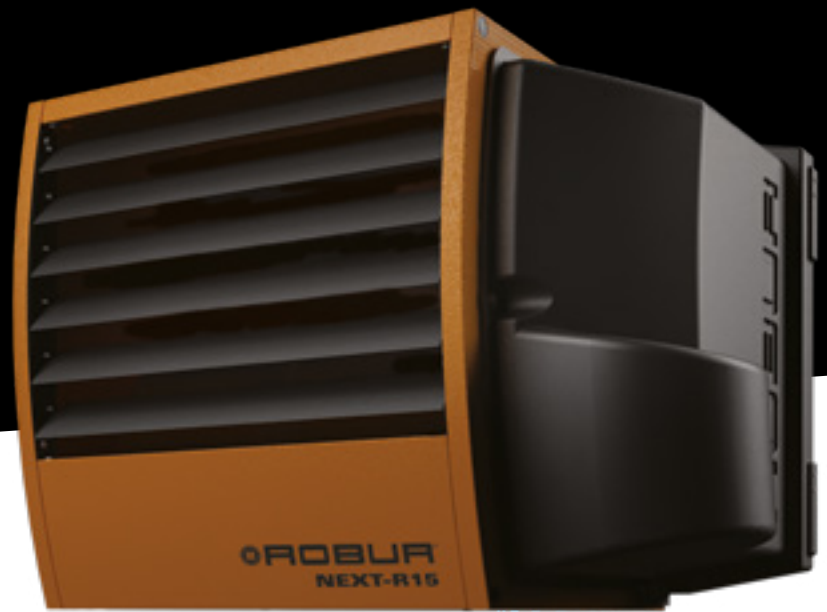
Rapid heating and easy installation

The gas unit heaters have been designed to guarantee quick access and easy maintenance.



The evolution is Robur NEXT

Robur Next range of gas unit heaters encompasses all the innovation developed by our experience gained over 60 years. Over 200'000 Robur gas unit heaters have been installed.

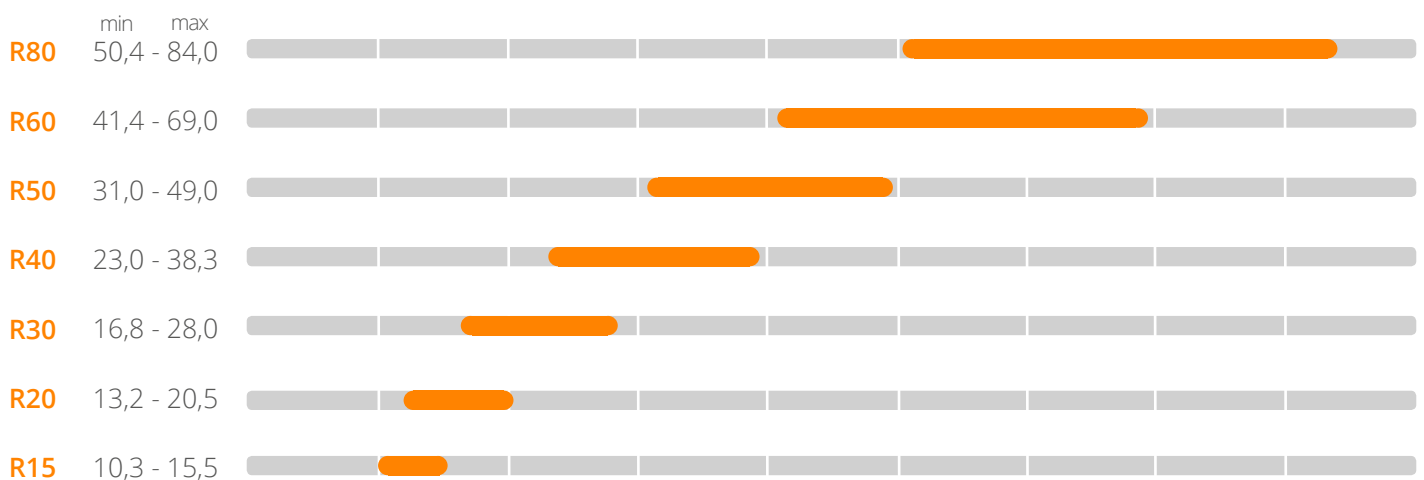


Robur NEXT

ErP Erp 2018 compliant

For the efficient heating of commercial and industrial spaces of any size. A complete range able to meet different installation requirements thanks to the extraordinary capacity, size and weight ratio. Available with different capacities and in different versions: standard with axial fans, ductable with centrifugal fans and for vertical projection installation.

Models Range kW



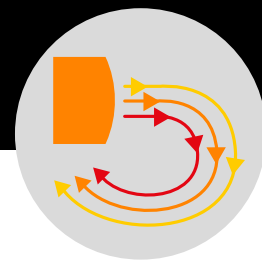
Heat input

0 kW 10 kW 20 kW 30 kW 40 kW 50 kW 60 kW 70 kW 80 kW

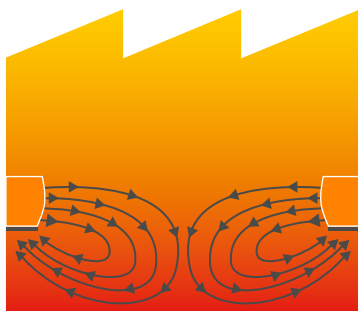
Ground effect

Optimisation of comfort and savings

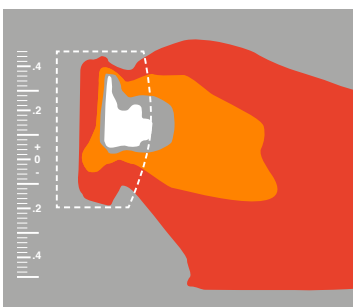
Robur gas unit heaters warm rooms, reducing heat stratification thanks to their exclusive "GROUND EFFECT". The unique pyramid shape and material of their heat exchangers forces hot air downwards, maintaining a higher temperature at ground level, avoiding the need for destratification fans.



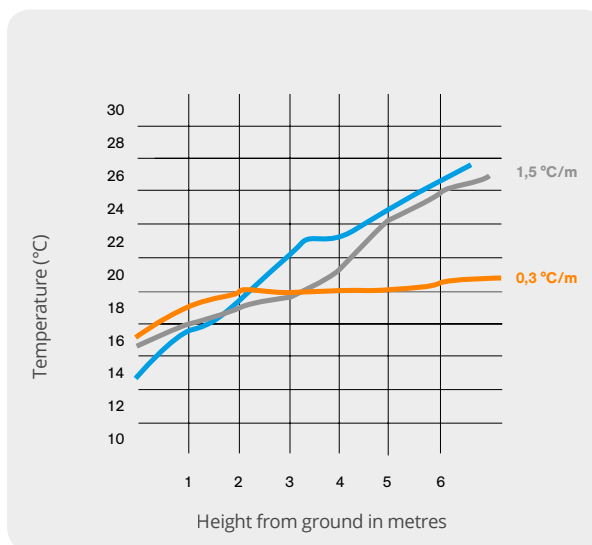
Differentiation of temperatures, comfort and savings



Robur's unique design creates a warmer layer at ground level.



Thermograph of Robur heater showing ground effect. The hatching shows the device profile.



Average stratification

Floor-mounted unit

Radiant tubes

Robur gas unit heaters

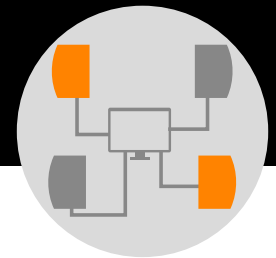
Results achieved by comparing 3 types of heating systems.



With Robur Next heaters, it is possible to heat several areas, choosing the required temperature for each one

The management and control system you have always wanted

An integrated and dynamic system, able to simplify management and optimize efficiency. You can control them as you wish. From the simplified on/off command to the revolutionary smart management system, namely Genius, which allows you to adjust and control the system (up to 100 gas unit heaters) the best way, even remotely. The entire system is constantly monitored and the parameters can be easily adjusted as required.



Control systems

Controls available	Easy	Easy +	Extra	Extra +	Genius
				 + 	 + Software Genius by Robur
Reset	✓	✓	✓	✓	✓
S/W switch		✓	✓	✓	✓
Modulation management			✓	✓	✓
Ambient temperature regulator			✓	✓	✓
3 temperature level management				✓	✓
Centralised management				✓	✓
Centralised remote control via PC					✓
Max no. of units	1	1	1	10	100

The advantages of the control system **Genius**



Centralised system controlling groups of gas unit heaters (up to 10 different zones) by means of ModBus network connected to the PC.



Centralised or customized setting of each gas unit heater.



Any faults of the connected units are reported, even via email.



Each generator can be set to On/Off, modulating, heating and ventilation mode.

Exclusive plus that make the difference

The simplicity that installers like

Robur sets new standards with gas unit heaters that stand out for their technology and design. Air heating prevents the construction of expensive hydraulic pipelines, a source of heat loss not recoverable in case of removal.

They are ready for immediate installation and operation.



Total safety and quality of materials

Quality and warranty

The reliability of a product complying with the most restrictive safety standards and the quality of selected materials. ERP 2018 Compliant, GAR 426/2016/EU and ECODESIGN 2281/2016/EU.
The quality of the company that has been producing gas unit heaters for over 40 years.



Self-adapting combustion circuit

Reduced emissions

The air-gas ratio is optimal and guarantees virtually no emissions.
Equipped with a self-adapting combustion circuit to optimise the installation of air-smoke ducts.



Ultra-light and compact in size

Simple and light

Thanks to their extra-compact size, Robur Next gas unit heaters can be easily installed. No problems: thanks to their weight, 25% less than other models on the market, it is even easier to install.



Exclusive design and innovative technology

Design and Technology

An unmatched product able to integrate its unique design
Made in Italy, innovative and exclusive technology from Robur. Developed thanks to continuous and intensive research, Robur Next gas unit heaters are valuable products and an investment for the future.

Technical data sheet

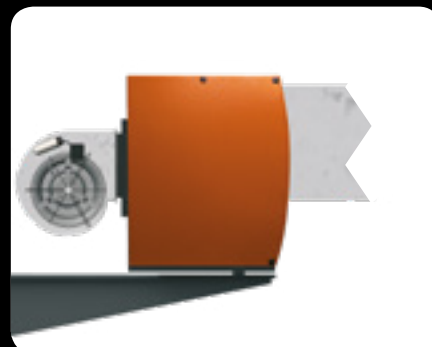
Axial



Vertical



Centrifugal



Technical data

		MODELS	R15	R20	R30	R40	R50	R60	R80
Heat input	Nominal [NCV]	kW	15,5	20,5	28,0	38,3	49,0	69,0	84,0
	Minimum [NCV]	kW	10,3	13,2	16,8	23,0	31,0	41,4	50,4
Heat output	Nominal	kW	14,1	18,7	25,5	35,0	44,6	62,8	75,6
	Minimum	kW	9,7	12,5	15,8	21,6	29,1	38,9	47,4
Efficiency	At nominal heat output [NCV]	%	91,0	91,0	91,0	91,5	91,0	91,0	90,0
	At minimum heat output [NCV]	%	94,0	94,5	94,0	94,0	94,0	94,0	94,0
Nominal gas consumption ⁽¹⁾	Natural gas	m ³ /h	1,6	2,1	3,0	4,1	5,2	7,3	8,9
	LPG	Kg/h	1,2	1,6	2,2	3,0	3,9	5,4	6,6
Nominal air flow ⁽²⁾		m ³ /h	2000	2200	2200	3200	3600	5900	7200
ΔT at nominal air flow		K	20,1	24,6	34,1	32,4	36,4	31,3	30,9
Electrical supply	230 V 1N - 50 Hz								
Installed wattage		kW	0,20	0,23	0,21	0,30	0,34	0,50	0,60
Air throw ⁽³⁾ (indicative value)		m	13	15	18	20	25	28	40
Recommended installation height		m	2,2	2,5	2,5/3	2,5/3	2,5/3	2,5/3	2,5/3
Air inlet / Exhaust air pipe diameter		mm/mm	80/80						
Gas connection		"	3/4						
Size	Width	mm	678	678	734	734	928	1119	1319
	Depth	mm	557	557	731	731	746	731	746
	Height	mm	480	480	777	777	777	777	777
Weight	in operation	Kg	30	30	56	64	70	83	97

(1) At 15 °C - 1013 mbar

(2) At 20 °C - 1013 mbar

(3) Throw for guidance only. Throw depends on height of building, mounting height to heater, room temperature and louvre setting.

Accessories for the system



Adjustable bracket

Thanks to the adjustable bracket it is possible to direct the gas unit heater correctly before securing it permanently.



Air inlet / Exhaust air pipes with external die-cast aluminum terminal.

A quality service always at the customer's side

Attention to the customer, innovation, flexibility, respect for the environment and team spirit are what drive Robur's quality.

Supporting all stages throughout, from initial design to supply and service care, with continuous support for optimal operation.

Discover the entire range

G Gas unit heaters: modulating condensing

K Gas unit heaters: modulating low emission

Robur NEXT: modulating

K18: heat pump powered by natural gas ideal for homes

GAHP: heat pump powered by natural gas

GA ACF: chiller powered by natural gas

AY: condensing boiler

Independent gas convector

AD: evaporative cooler



 **ROBUR**

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The best professionals study, develop and produce solutions for Robur air conditioning, to bring you the right climate!

With the aim of continuously improving the quality of its products, Robur reserves the right to change the data indicated, without notice.