

**KEYWARM®**

We Ignite Success

## **KWJY Gas Room Heater Series**

**Let your winter no longer be cold**

**Safer and Warmer**

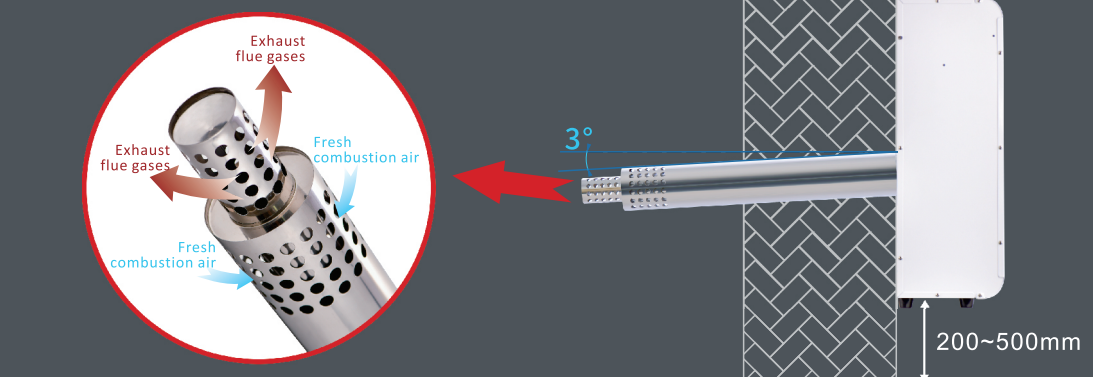




# KWJY Gas Room Heater Series

## Domestically Original Design

Canadian engineers, in accordance with international safety standards for gas heaters, have adopted an airflow structure of "burning chamber with external air, using a fan to forcefully discharge exhaust gases outdoors" to address safety risks such as oxygen deficiency and carbon monoxide poisoning found in other products on the market. The double-layer structure of the exhaust pipe prevents the mixing of fresh air and exhaust gases, and recovers the waste heat from flue gases, reducing energy consumption.



## Installations

- 1.The chimney should be installed with a downward slope of about 3 degrees.
- 2.The outdoor section of the chimney must be kept away from flammable materials, and it should not be covered or blocked by ice and snow.
- 3.Install the system by either wall-mounting it at a height of 200-500mm above the ground or by floor installation.

## Suitable for various places



Offices



Shops



Restaurants









Holiday Cottages

# KWJY Gas Room Heater Series

Canadian research and development, Chinese manufacturing

## Comparison of various categories

						
Product	Keywarm Gas Room Heater	Other Brand Heater	Ceramic Tile Radiant Heater	Umbrella Radiant Heater	Electric Heater	Wall-mounted Boiler
Energy Source/ Usage	Natural Gas, Propane	Natural Gas, Propane	Natural Gas, Propane	Natural Gas, Propane	Electricity	Natural Gas, Propane, Electricity
Operating Costs	✓	✓	✓	✓	✗	✗
Installation	—	—	—	✓	✓	✗
Heating Speed	✓	✓	✓	✓	—	✗
Initial Costs	—	—	—	✓	✓	✗
Maintenance	✓	✓	✓	✓	✓	✗
High Thermal Power	✓	✓	✗	✓	✗	✓
Oxygen Depletion	✓	✗	✗	✗	✓	✓
Carbon Monoxide	✓	✗	✗	✗	✓	✓
Indoor Odor	✓	✗	✗	✗	✓	✓
Leakage Prevention	✓	✓	✓	✓	✓	✗
User Manual/ Instruction	Long-term Indoor Use	Temporary Indoor Use	Temporary Indoor Use	Outdoor Use Only	Long-term Indoor Use	Long-term Indoor Use

## Comparison of operating costs between electric heating and natural gas heating

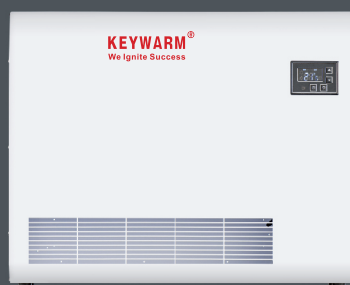
	Residential	Commercial Office
	Natural Gas Consumption 0.81 m <sup>3</sup> /h; Input Heat 7KW; Winter: 4 months, 30 days per month, 13 hours of heating per day	Natural Gas Consumption 0.81 m <sup>3</sup> /h; Input Heat 7KW; Winter: 4 months, 22 workdays per month, 10 hours of heating per day
Natural Gas (Residential: 2.7 RMB per cubic meter / Commercial: 4.14 RMB per cubic meter)	$2.7 \times 0.81 \times 4 \times 30 \times 13 = 3412$	$4.14 \times 0.81 \times 4 \times 22 \times 10 = 2951$
Electricity (Residential: 0.6 RMB per kWh / Commercial: 1.0 RMB per kWh)	$0.6 \times 7 \times 4 \times 30 \times 13 = 6552$	$1.0 \times 7 \times 4 \times 22 \times 10 = 6160$
Savings for 4 months	3140	3209

On average, using it for five months can help you save the cost of purchasing one unit.

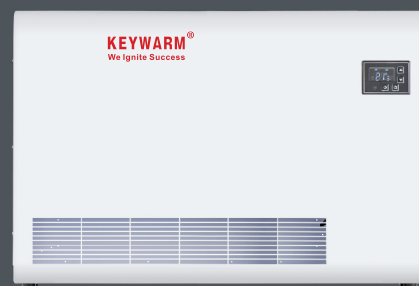
# KWJY Gas Room Heater Series



**5kW**



**7kW**



**12kW**

## Technical Parameter

Model	FQTRG5-W	FQYRG5-W	FQTRG7-W	FQYRG7-W	FQTRG12-W	FQYRG12-W
Input Heat	5kW		7kW		12kW	
Types of Gas	NG 12T	LPG 20Y	NG 12T	LPG 20Y	NG 12T	LPG 20Y
Gas Supply Pressure	2.0kPa	2.8kPa	2.0kPa	2.8kPa	2.0kPa	2.8kPa
Gas Consumption	0.48 m³/h	0.39 kg/h	0.67 m³/h	0.54 kg/h	1.16 m³/h	0.93 kg/h
Rated Power Supply	220Vac, 70W					
Product Size and Weight	W692×D267×H600/25kg		W805×D267×H600/30kg		W972×D267×H600/38kg	
Applicable Area	45m²		65m²		110m²	
Accessories	Standard Configuration: One main unit (including wall bracket), Gas pipe fittings set, One remote control, Wall opening size template, User manual, Certificate of conformity, Chimney (720mm) one piece, Decorative protective cover one piece.  Optional: Leakage alarm + emergency cut-off valve set (220V), Pressure reducing valve one piece, Metal flexible hose one piece (Dn10x1000).					

The heating value of natural gas is 8,900 kcal/Nm<sup>3</sup>;

The heating value of liquefied petroleum gas (LPG) is 11,000kcal/kg