

What UFO Heater is Right for My Application?

Commercial/Residential Series

Key Features	UK-15	UK-30	S-15	S-23	S-30
Weather Proof	X	X	X	X	X
Water Proof			X	X	X
Remote Control	X	X			
Outdoor Certified	X	X	X	X	X
Indoor Certified	X	X	X	X	X
Average Heating Area Indoor (sq. ft.)	193	386	193	280	386
Average Heating Area Outdoor (sq. ft.)	129	220	129	178	220
Corded	X	X	X	X	X
Volts	110	208	110	208	208
Watts	1500	3000	1500	2300	3000

Commercial/Industrial Series

Key Features	CH-54	CH-69	CH-90
Weather Proof	X	X	X
Outdoor Certified	X	X	X
Indoor Certified	X	X	X
Average Heating Area Indoor (sq. ft.)	581	710	968
Average Heating Area Outdoor (sq. ft.)	430	485	646
Direct Wired	X	X	X
Volts	208	208	208
Watts	5400	6900	9000

Economical

UFO Heater Vs. Gas Heater Costs

UFO Heaters Cost/Hour	Gas Heaters Cost/Hour
S-15 (1,500 W)	40,000 BTU/Hour
\$0.11 – \$0.18	\$0.60

*Commodity Efficiency: 94%
(Source: LADWP)

*Commodity Efficiency: 65%
(Source: EID)

Multiple Applications



Residential & Commercial

EXTERIOR

- Garages
- Workshops
- Entrances/Foyers
- Job Sites
- Exterior Patios, Waiting Areas, and Smoking Areas

INTERIOR

- Family Rooms
- Dining Rooms
- Exercise Areas
- Barns/Storage Units
- Green Houses
- Offices
- Bath Rooms
- Warehouses

Features & Benefits

- Patented Worldwide Infrared Midwave Technology heats the object not the air.
- UFO Infrared Technology generates 92% of its heat from infrared waves (as a percent of heat) vs. short wave alternatives that generate only 25% — making UFO the most effective infrared heater available (essential in all heating situations — especially outdoors).
- Operates effectively within an HVAC environment. Given that 92% of the heat generated by a UFO heater is via infrared wave, the heater has minimal impact on your thermostat.
- Long Product Life - Average Filament Life of Over 12,000 Hours (2 1/2 times better than competitive units).
- Energy Smart for the Environment - 94% of Energy Consumed Converted Into Heat and Heat Produced is Not Affected by Wind or Air Movements.
- 2-Year Full Replacement Warranty.

UFO
INFRARED TECHNOLOGY

Midwave Infrared Heaters



UFO[®]
INFRARED TECHNOLOGY

www.ufoheaters.com

- IMMEDIATE HEAT SOURCE
Feel the Heat in Only 27 Seconds
- ENERGY SMART
Pennies Per Hour to Operate
- HEALTHY & SAFE HEAT SOURCE
 - Does Not Dry the Air or Your Skin
 - Easy Touch Grill
 - Odorless Heat
- WEATHER PROOF
Approved for Indoor and Outdoor Use

www.ufoheaters.com



COMMERCIAL/RESIDENTIAL SERIES

COMMERCIAL/INDUSTRIAL SERIES



Midwave Infrared Heaters

MODEL UK-15	MODEL UK-30	MODEL S-15	MODEL S-23	MODEL S-30	MODEL CH-54	MODEL CH-69	MODEL CH-90
1500 Watts / 110 Volts Dimensions: 31" x 7.1" x 3.5" Weight: 6 lbs. Thermostat: Remote Control	3000 Watts / 208 Volts Dimensions: 44.1" x 7.1" x 3.5" Weight: 8.4 lbs. Thermostat: Remote Control	1500 Watts / 110 Volts Dimensions: 29" x 7.1" x 3.5" Weight: 5.8 lbs. Thermostat: Manual	2300 Watts / 208 Volts Dimensions: 33.9" x 7.1" x 3.5" Weight: 6.7 lbs. Thermostat: Manual	3000 Watts / 208 Volts Dimensions: 42.5" x 7.1" x 3.5" Weight: 8 lbs. Thermostat: Manual	5400 Watts / 190-208 Volts Dimensions: 31" x 18.6" x 5.12" Weight: 30.4 lbs. Thermostat: Manual	6900 Watts / 190-208 Volts Dimensions: 31" x 18.6" x 5.12" Weight: 30.4 lbs. Thermostat: Manual	9000 Watts / 190-208 Volts Dimensions: 39.2" x 18.6" x 5.12" Weight: 35.3 lbs. Thermostat: Manual

PRODUCT SPECIFICATIONS

Hertz	60	60	60	60	60	60	60	60
Amps @ Phase 1	13.6	14.4	13.6	14.4	14.4	25.2-27.4	32.84-36.0	42.16-46.15
Filament Life Time/Hours	12,000 hours	12,000 hours	12,000 hours	12,000 hours	12,000 hours	9000 hours	9000 hours	9000 hours
Replacement Filaments Available	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Housing Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Finish/Color	Bronze	Bronze	Silver	Silver	Silver	Silver	Silver	Silver
Plug Type or Installation	5-15P NEMA	5-15P NEMA	5-15P NEMA	6-20P NEMA	6-20P NEMA	Direct wire installation	Direct wire installation	Direct wire installation
Power Cord Specifications	Type B, 8 ft., grounded, heavy duty	Type B, 8 ft., grounded, heavy duty	Type B, 8 ft., grounded, heavy duty	Type B, 8 ft., grounded, heavy duty	Type B, 8 ft., grounded, heavy duty	Direct wire installation	Direct wire installation	Direct wire installation
Heating Area Avg. – Inside (sq.ft.) (based on average indoor temp)	193 sq. feet	386 sq. feet	193 sq. feet	280 sq. feet	386 sq. feet	581 sq. feet	710 sq. feet	968 sq. feet
Heating Area Avg – Outdoor (sq.ft.)	129 sq. feet	220 sq. feet	129 sq. feet	178 sq. feet	220 sq. feet	430 sq. feet	485 sq. feet	646 sq. feet
Approx. Cost Per Hour Electrical Usage	.11 - .18 cents per hour	.24 - .36 cents per hour	.11 - .18 cents per hour	.16 - .20 cents per hour	.24 - .36 cents per hour	.64 cents per hour	.81 cents per hour	1.05 dollars per hour
Thermostat Heat Levels	5 level - with remote control	5 level - with remote control	5 level	5 level	5 level	Not applicable	Not applicable	Not applicable
Warranty Term	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years

CERTIFICATIONS FOR ALL MODELS

OSHA Approved Nationally Recognized Testing Lab TUV Rhineland Agency Compliance TUV, CSA

WALL INSTALLATION INSTRUCTIONS



- 1 Install the "L" shaped brackets on the hanging surface.
- 2 Affix two of the "L" shaped brackets to the back of the heater.
- 3 Attach the heater brackets to the wall brackets and adjust the angle of the heater as required.
- 4 Plug the power cord into the correct outlet for the model purchased.

INSTALLATION GUIDELINES

	S & UK MODELS	CH MODELS
Min. distance from the ceiling – wall application	Minimum 20 inches (50 cm)	Minimum 20 inches (50 cm)
Min. distance from adjoining wall (side of unit)	Minimum 16 inches (40 cm)	Minimum 28 inches (70 cm)
Minimum distance from the floor	Minimum 71 inches (180 cm)	Minimum 71 inches (180 cm)
Minimum distance from wet area	Minimum 40 inches (100 cm)	Minimum 40 inches (100 cm)
All Wall Applications	Unit must be installed horizontally (less than +/- 5% deviation)	Unit must be installed horizontally (less than +/- 5% deviation)
Minimum distance from combustible materials	3.2 feet (1 meter)	9.6 feet (3 meters)
Wall Mount – Recommended Angle	0-45 degrees	0-45 degrees
Ceiling Applications	Minimum 5 in (12.7 cm) utilizing UFO bracket or by chain – min. distances from floor apply (above)	Mount the heater utilizing UFO bracket supplied with the unit – min. distances from floor apply (above)



UTS Stand (Sold separately)
Special Feature: Safety Shut-Off
Height: 77.8"; Base width: 25"
Weight: 8 lbs.
For use with S-15 and UK-15 only.
See UFO for stand options for larger units.