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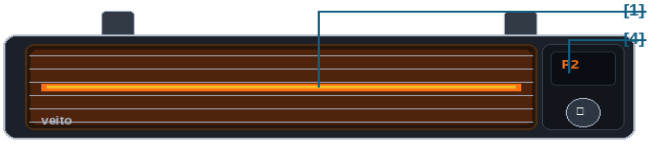
Home + Health

Veito® Space Infrared Heater

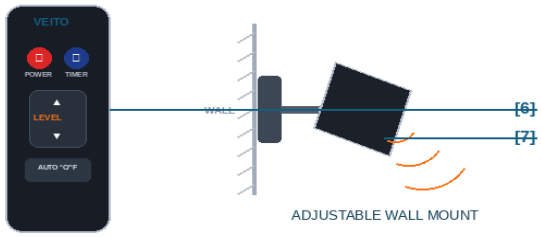
INDOOR & OUTDOOR CARBON INFRARED HEATING SYSTEM

Medium-Wave Carbon Fiber Filament • Digital Thermostat • Remote Control • IP44 Weatherproof

MODEL: SPACE S • 120V AC ~ 60Hz • 1500W MAX • WALL / CEILING MOUNT



VEITO SPACE INFRARED HEATER



WIRELESS REMOTE

ADJUSTABLE WALL MOUNT

SYSTEM COMPONENT GUIDE

1. Carbon Fiber Infrared Tube
High-efficiency carbon element produces instant medium-wave radiant heat.

2. Parabolic Aluminum Reflector
Maximizes thermal throw distance and distributes uniform warmth.

3. Protective Front Safety Grille
Heat-resistant stainless steel mesh guards against accidental contact.

4. Digital LED Display Screen
Displays operating power level (P1/P2), target temperature & timer.

5. Manual Control Push-Button
Allows local on/off and power level cycling directly on the unit.

6. Wireless Handheld Remote
Controls power, heat output levels, digital thermostat & sleep timer.

7. Articulated Mounting Brackets
Heavy-duty brackets allow customizable tilt angle on walls or ceilings.

8. IP44 Weatherproof Casing
Engineered for both indoor rooms and covered outdoor patios/terraces.

INSTRUCTION & OWNER'S OPERATING MANUAL

Please read this manual thoroughly before mounting or operating your infrared heater and retain for future reference.

For customer service inquiries or warranty support, visit **redfernent.com** or call **1-877-387-7770**.

1. Product Overview & Carbon Infrared Technology

Thank you for choosing the **Veito® Space Infrared Heater** from **Redfern Enterprises**. Engineered for both residential indoor living and sheltered outdoor entertaining, the Veito® Space represents the next evolution in energy-efficient radiant heating. Utilizing advanced **carbon fiber medium-wave infrared technology**, this sleek wall-mounted heater converts 100% of electrical energy directly into directional radiant warmth. Unlike conventional heaters that waste power heating circulating air—which quickly drifts away outdoors or rises to ceilings indoors—the Veito® Space warms people, floors, and surrounding objects directly within seconds of activation. Backed by an **IP44 weatherproof rating**, an intelligent **digital thermostat**, and an ergonomic wireless remote, it delivers clean, silent, and cost-effective comfort year-round.

Core Infrared Technologies & Design Advantages

Carbon Fiber Medium-Wave Infrared Element	Emits optimal medium-wave infrared radiation that penetrates human skin and fabrics with pleasant, sun-like warmth. Produces 25% more thermal efficiency than quartz or halogen heaters, accompanied by gentle, low-glare amber illumination that will not strain eyes.
Direct Radiant Energy Conversion (100% Efficiency)	Radiant infrared waves travel unhindered through open air, unaffected by outdoor wind or indoor drafts. Heat is absorbed directly by occupants and solid surfaces, creating an immediate envelope of warmth within 10 seconds of powering on.
Precision Digital Thermostat & Temperature Control	Integrated ambient temperature sensor automatically modulates heating output to maintain your selected target temperature. Eliminates uncomfortable temperature swings, optimizes electricity consumption, and reduces heating bills.
IP44 Certified Weatherproof Enclosure	Built from extruded aircraft-grade aluminum and stainless steel with water-resistant seals. Safe for covered patios, outdoor pergolas, restaurant terraces, and damp indoor environments like basements and workshops.
10,000+ Hour Long-Life Heating Filament	The high-grade carbon filament tube is rated for over 10,000 continuous operating hours—equivalent to over a decade of typical seasonal use—requiring zero bulb replacements or scheduled maintenance.

Key Benefits & Usability Features

- **Immediate Directional Warmth:** Sensation of radiant heat begins within 10 seconds of powering on.
- **Multiple Power Settings:** Select between energy-saving Eco warmth and full-power high-intensity heating.
- **Convenient Handheld Remote Control:** Full command of power, heat levels, thermostat settings, and sleep timer.
- **Programmable Sleep Timer:** Set automatic shutoff from 1 to 9 hours for worry-free bedtime or evening patio use.
- **100% Silent Solid-State Operation:** Operates completely noiselessly without noisy blowers, fans, or motor vibrations.
- **Universal Wall or Ceiling Mounting:** Includes heavy-duty adjustable mounting brackets for angled wall or overhead placement.

Recommended Installation & Application Zones

- **Covered Outdoor Patios & Verandas:** Extends outdoor dining and entertaining seasons well into chilly spring and autumn evenings.
- **Pergolas, Gazebos & Outdoor Bars:** Directs targeted warmth downward over seating areas without blowing heat into the yard.
- **Home Workshops, Garages & Sheds:** Warms your immediate workspace instantly without needing to heat an uninsulated garage.
- **Sunrooms, Enclosed Porches & Basements:** Provides quiet, draft-free supplemental warmth for hard-to-heat living zones.

2. Device Anatomy & Operating Guide

Component Anatomy Reference

Review the key assemblies, controls, and mounting brackets of your Veito® Space Infrared Heater:

Component	Location	Function & Description
1. Carbon Fiber Tube	Center front interior	Long-life carbon filament tube radiating medium-wave infrared heat with low-glare amber illumination.
2. Parabolic Reflector	Behind heating tube	Curved high-polish aluminum mirror that reflects and focuses radiant thermal energy outward at wide angles.
3. Front Safety Grille	Full front face	Stainless steel protective mesh guard that prevents accidental contact with the high-temperature heating element.
4. Digital LED Display	Right end cap face	Illuminated screen showing active power level (e.g. P1, P2), ambient/target temperature, and timer countdown.
5. Manual Push Button	Below digital display	Multi-function push button to turn the unit on/off and cycle through power levels directly on the heater.
6. Wireless Remote Control	Handheld accessory	Infrared remote controlling Power, Level (+/-), Auto Thermostat (°C/°F), and Sleep Timer countdown.
7. Articulated Brackets	Rear chassis mounting	Heavy-duty metal bracket set allowing wall or ceiling mounting with multi-position downward angle tilt.
8. Grounded Power Cord	Right side rear base	Heavy-duty 3-prong grounded power cord engineered for 120V AC / 15A electrical safety.

Step-by-Step Installation & Mounting Guidelines

- **Mounting Height Requirements:** The heater must be mounted at a minimum height of **6.0 feet (1.8 meters)** above floor level (recommended height: 6.5 to 8.0 feet / 2.0 to 2.5 meters).
- **Clearance Distances:** Maintain at least **16 inches (40 cm)** clearance from the ceiling and adjacent sidewalls, and at least **3.0 feet (1.0 meter)** clearance from combustible materials directly in front of the heater.
- **Bracket Attachment:** Fasten the mounting brackets securely to solid wall studs or ceiling joists using the included heavy-duty lag bolts. Attach the heater chassis to the brackets and adjust the downward tilt angle (recommended 30° to 45° downward angle toward seating areas).
- **Electrical Connection:** Plug the grounded power cord into an outdoor weatherproof GFCI outlet (for patios) or a standard grounded 120V / 15A indoor receptacle. Do not use ungrounded extension cords.

Operating Instructions (Remote & Manual)

1. **Powering On:** Press the red **POWER (■)** button on the remote or the push-button on the unit. The digital LED will illuminate and the carbon element will begin glowing within seconds.
2. **Adjusting Heat Levels:** Press the **LEVEL ▲▼** buttons on the remote (or press the unit button repeatedly) to toggle between power settings (P1 = Low Eco / P2 = High Boost).
3. **Setting the Sleep Timer:** Press the **TIMER (■)** button on the remote to cycle through auto-off timers from 1 to 9 hours. The LED will flash the timer setting and shut off automatically when time expires.
4. **Digital Thermostat (Auto Mode):** Press **AUTO** on the remote to set a target room temperature. The heater will automatically cycle heat output to maintain steady comfort.

3. Important Safety Information & Safeguards

■■ CRITICAL FIRE & ELECTRICAL HAZARD WARNINGS:
• CLEARANCE FROM COMBUSTIBLES: Keep all flammable materials—including furniture, curtains, drapes, papers, clothing, patio umbrellas, and plastic blinds—at least 3.0 feet (1.0 meter) away from the front, sides, and rear of the heater.
• HIGH-TEMPERATURE SURFACE: The protective front grille and aluminum casing become extremely hot during operation. Never touch the heater while energized or for 15 minutes after power-off.
• DO NOT COVER: Never drape towels, clothing, or blankets over the heater. Covering the grille presents an immediate fire hazard and will trigger thermal emergency cutoff.

Electrical Connection & Circuit Requirements

- **Dedicated 15A Electrical Circuit:** The 1500W heater draws 12.5 Amps at 120V AC. It must be connected to a dedicated 15-Amp or 20-Amp electrical branch circuit. Avoid running other high-draw appliances (e.g. microwaves or kettles) on the same circuit.
- **Outdoor GFCI Requirement:** When installed outdoors or on covered patios, the heater must be plugged directly into an approved, covered Ground Fault Circuit Interrupter (GFCI) weatherproof receptacle.
- **No Extension Cords:** Extension cords may overheat and cause fire hazards. If an extension cord must be used, it must be rated for outdoor use, 14 AWG minimum wire gauge, and grounded 3-prong.
- **Inspect Power Cord:** Never operate with a damaged power cord or cracked plug. Do not route cord underneath carpets or rugs.

Outdoor Weather Guidelines (IP44 Protection)

- **Covered Structures:** IP44 certification protects against splashing water and rain spray from any direction. The heater is designed for installation under covered patios, verandas, eaves, or pergolas.
- **Direct Water Submersion:** Never submerge the unit in water, spray directly with garden pressure hoses, or expose to driving tropical storms without shelter.
- **Winter & Freezing Conditions:** The carbon element is resistant to sub-zero temperatures. However, clear any windblown snow or ice accumulation from the outer grille before powering on.

Child Safety & Automated Safeguards

Extreme caution is necessary when the heater is used near children, pets, or individuals with reduced physical sensation. The heater is equipped with an **internal tilt / tip-over sensor** and an **overheat thermal safety switch** that cuts all electrical power immediately if abnormal internal temperatures or physical displacement occur.

4. Maintenance, Cleaning & Troubleshooting

Routine Cleaning & Seasonal Maintenance Guide

Proper routine care maintains maximum radiant reflectivity, protects the black anodized finish, and ensures safe operation:

1. **Unplug and Cool Down:** Always disconnect the heater from the wall power receptacle and allow the unit to cool completely for at least 30 minutes before inspecting or cleaning.
2. **Cleaning Outer Chassis:** Wipe the black aluminum casing with a soft microfiber cloth slightly dampened with clean water or mild neutral soap. Never use abrasive scouring pads, petrol-based solvents, alcohol, or harsh chemical cleaners.
3. **Parabolic Reflector & Carbon Tube Care:** If dust, spiderwebs, or insects accumulate inside the front grille, use a vacuum crevice tool or a can of dry compressed air to blow out debris. **Never touch the carbon glass tube with bare fingers**, as skin oils can degrade the quartz glass under high heat.
4. **Bracket Inspection:** Periodically verify that wall/ceiling bracket screws and angle adjustment bolts remain tightly fastened.
5. **Off-Season Storage:** If removing the heater for winter storage, store it in its original packaging in a clean, dry, childproof indoor location.

Troubleshooting Matrix

Observed Condition	Probable Cause	Recommended Action
Heater will not turn on; screen dark	• Power cord unplugged. • Wall outlet has no power. • Breaker or GFCI tripped.	• Firmly plug cord into grounded 120V outlet. • Test wall socket with another lamp/tool. • Reset household circuit breaker or GFCI button.
Heater turns on but emits no heat	• Set to standby mode. • Thermostat target lower than room temperature.	• Press LEVEL ▲ button on remote to select P1 or P2. • Increase thermostat temperature setting.
Heater shuts off unexpectedly	• Sleep timer expired. • Overheat thermal switch tripped. • Unit tilted / tip-over sensor active.	• Press Power button to restart. • Check for blocked airflow or close combustibles; allow 15 min cool-down. • Verify heater is mounted level and secure.
Remote control unresponsive	• Remote battery dead (CR2025/CR2032). • IR sensor on right end cap obstructed. • Out of operational range (>20 ft).	• Replace coin-cell battery in remote. • Clear line-of-sight to the right end cap display. • Operate within 15–20 feet of unit.
Faint burning odor on initial startup	• Normal burn-off of manufacturing protective oil or settled dust.	• Normal during initial 20–30 minutes of operation. Run in well-ventilated space until odor dissipates.

5. Technical Specifications & Warranty

Technical Specifications Table

Specification Parameter	Official Value / Construction Rating
Product Brand & Model	Veito® Space Infrared Heater (Model: Space S)
Manufacturer & Distribution	Veito • Distributed in Canada by Redfern Enterprises Ltd.
Operating Electrical Supply	120V AC ~ 60Hz (Standard Grounded 3-Prong North American Plug)
Maximum Power Consumption	1500 Watts (12.5 Amps) • 100% Thermal Energy Conversion
Heating Element Technology	Medium-Wave Carbon Fiber Filament Tube (10,000+ Hour Lifespan)
Heat Power Settings	Multi-Level Adjustable Output (P1 Eco / P2 Boost)
Temperature Control	Digital Thermostat with Integrated Ambient Temperature Sensor
Sleep Timer Range	1 to 9 Hours Programmable Automatic Shutoff Timer
Ingress Protection Rating	IP44 Weatherproof (Splashing Water & Moisture Resistant)
Product Dimensions (W × H × D)	33.5" × 6.7" × 2.8" (850 mm × 170 mm × 70 mm)
Net Product Weight	Approx. 7.0 lbs (3.2 kg) • Lightweight Extruded Aluminum Body
Safety Certifications	cETLus Listed, CE Certified, Overheat & Tilt Safety Cutoffs, RoHS
Mounting Options	Wall-Mount, Ceiling-Mount (Brackets Included), Compatible Floor Stand
Included In Box	1x Veito Space Heater, 1x Remote Control, 1x Mounting Bracket Set, 1x Manual

Redfern Enterprises Limited Manufacturer Warranty

Redfern Enterprises Ltd. warrants this Veito® product against defects in materials and workmanship under normal residential use for a period of **one (1) year** from the date of original retail purchase. During the warranty period, Redfern Enterprises will, at its option, repair or replace defective components free of charge. This warranty does not cover damage resulting from accident, misuse, electrical power surges, improper installation (including failure to maintain minimum clearance distances), outdoor exposure beyond IP44 ratings, or unauthorized repair. To register your product or initiate a warranty service claim, please retain your original proof of purchase and contact our customer service team.

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