



BIO SMART TECHNOLOGIES



### Easy Installation

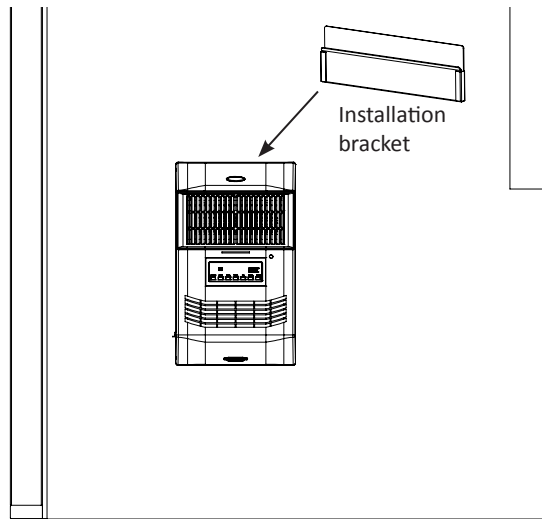
Wall installation of this unit takes about 5 minutes to complete and requires a portable drill and two (2) screws. With an additional 2 screws (optional) the unit can be secured to the wall permanently if desired.

The BIO-1400 OWA is designed to be mounted to any wall between 12 to 24 inches off the floor. It should be located within 7 feet of a standard 120 volt wall receptacle.

The unit comes with a standard 7 foot cord for plugging in, or it can be directly hardwired for a permanent installation.

Alternately, the unit can be mounted directly over the AC receptacle allowing the cord to be stored in the heater's internal cavity. This 'look' without the cord showing resembles a professionally wired installation job.

The unit comes with an alternate control panel lens without buttons to prevent child tampering. The remote supplied with the unit is then used to monitor and control the functions of the heater.



Order Information:

Online Product Information:

Coupon Code:

BioSmart Technologies  
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Yelm, Washington 98597

BioSmart® Ceramic Far Infrared On-Wall Heaters

The most environmentally safe and energy efficient zoned heating system on the market today is now available with:

**Built in Thermostat and Independent 3-Stage Air Purification!**



- **Far Infrared is the most efficient heating source** - up to 35% more absorbable heat per kilowatt than conventional heat sources.
- **Infrared waves** - migrate through the room faster, preventing cold spots & temperature displacements between walls, floor & ceiling.
- **Dual power settings provide maximum versatility** - heat up to a 800 square feet.
- **Therapeutic** - far infrared heat provides health benefits not obtainable from conventional heating sources.
- **Quiet, Energy Efficient, and Reliable** - proprietary far infrared heating elements, advanced electronics, and quality construction make BioSmart® heaters the best value for your money.

# BioSmart® On-Wall Far Infrared Heater

## Why Buy a Far Infrared Heater?

Far Infrared radiant heat is a completely safe form of naturally occurring radiant energy, and is the most efficient way to turn electrical energy into heat. Heating with infrared heat and utilizing a zoned heating system can save you up to 50% in energy costs.

## Benefits of Far Infrared Heat

The far infrared waves produced by the BioSmart On-Wall heater travel quickly and are absorbed by water molecules in the air which keep the heat evenly distributed from floor to ceiling and wall to wall, providing soft, comfortable heat, that is never dry or irritating. Far infrared waves also penetrate and heat objects in the room directly, which in turn radiate heat back into the room. You will feel warmer with infrared heat since it's unique shorter wavelength makes it a more penetrating, direct source of heat, much like the way the sun heats.

The BioSmart® On-Wall heater emits infrared heat waves in the therapeutic far infrared range. Far Infrared heat provides many of the health benefits of natural sunlight, without the dangerous effects of UV radiation. Customers have reported reduced muscle and joint pain & stiffness, as well as improved respiratory function.



BIO-1400 OWA Residential/Commercial

### System Serviceability Features:

*All components are easily removable and replaceable.*

*Parts are always available from BioSmart.*

Five years ago BioSmart Technologies was the first company to introduce zoned infrared heating systems in North America. Today, BioSmart Technologies produces a wide array of both In-Wall and On-Wall infrared heating systems for both residential and commercial applications, both as integrated, centrally controlled units and as stand-alone units.

## 3-Stage Air Purification

The BIO-1400 OWA infrared heater includes BioSmart's patented state of the art air purification technology. This advanced technology has been available in BioSmart's line of portable infrared heaters for the past 4 years. Now it is also available in the BioSmart On-Wall and In-Wall heating systems.

The BioSmart air purification module consists of a UV emitter, a TiO<sub>2</sub> membrane, and a negative ion generator for conditioning the air. It can run year around with or without the heater.

## Features of the UV / TiO<sub>2</sub> Air Filtration System

- The UV / TiO<sub>2</sub> technology does not rely on filters to remove and destroy harmful substances in the air.
- This type of purification technology converts harmful particulates (virus' and bacteria) and toxic gases (VOC's) gases into safer compounds such as carbon dioxide and water.
- UV / TiO<sub>2</sub> technology has the ability to eliminate particles as small as 0.001 microns, including angstrom size VOC's that can absorb into your lungs and cause damage (HEPA filters are only able to filter out particles as small as 0.3 microns).
- The UV / TiO<sub>2</sub> units in the BioSmart heating systems produce no ozone. These units have been found to be much safer than ozone and ionization, and the technology works wonderfully well for those with asthma, allergies, and multiple chemical sensitivities.



BIO-1400 OWA/120v, 220v  
Specification  
22" x 13" x 5" (HxWxD)  
19 lbs  
120 volt AC or 220 volt AC;  
1400 watt Power Requirement  
2 x 700 watt Ceramic insulated  
plate Infrared Emitters  
System Noise Level is only 18 dB

## BioSmart® On-Wall Heating System Features

- Hi/Lo Power Settings -- 1400 watt / 700 watt
- Heat Output: 6,300 BTU equivalent infrared heat
- 3-Stage Air Purification, can run without the heater
- Fan System: Dual speed, high-output, ball bearing laminar-flow fan
- 40,000 hour ceramic infrared plates
- 14% more efficient than quartz infrared tubes
- Copper lined heat exchanger
- Digital thermostat- accurate to 1 °; Range 37 - 86 °F
- Auto Restart feature in case power is interrupted
- Fully functional remote control
- Delayed Start function
- 120 or 220 volt configurations
- 5-year limited warranty

## 3-Stage Air Purification System Includes:

- Ultraviolet (UV) Emitter
- TiO<sub>2</sub> Photo-Catalyst Panel
- Negative Ion Generator

Stand-alone Air Purification, runs independent of the heater.

