



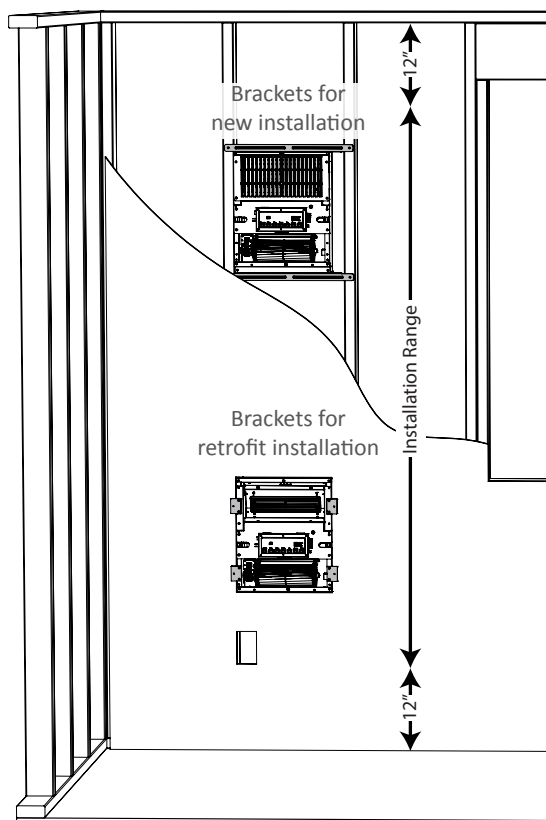
BIO SMART TECHNOLOGIES



Easy Installation

The BIO-1500FTA was designed for installation in a standard 2"x4" wall with either 1/2" or 5/8" sheetrock. The unit comes with brackets for both new installations and retrofits.

The BIO-1500FTA can be mounted from 12" above the floor up to 12" down from the ceiling.



Order Information:

Online Product Information:

Coupon Code:

BioSmart Technologies
18324 Cook Road SE, Ste 1
Yelm, Washington 98597

BioSmart® Ceramic Far Infrared In-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.
- **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® In-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 In-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® In-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-1500FTA Residential/Commercial

System Serviceability Features:

All components can be removed from the wall through the register.

Removal of internal components takes just a few minutes.

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-1500FTA 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 TiO₂ membrane, and a negative ion generator for conditioning the air. It can run year around with or without the heater.

Features of the UV / TiO₂ Air Filtration System

- The UV / TiO₂ 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 / TiO₂ 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 / TiO₂ 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-1500FTA/120v, 220v
Specification

18" x 14.5" x 4" (HxWxD)

19 lbs

120 volt AC or 220 volt AC;
1500 watt Power Requirement

2 x 750 watt Ceramic insulated
plate Infrared Emitters

System Noise Level only 18 dB

BioSmart® In-Wall Heating System Features

- Hi/Lo Power Settings -- 1500 watt / 750 watt
- Heat Output: 6,800 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
- TiO₂ Photo-Catalyst Panel
- Negative Ion Generator

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

