

# Owner's Manual - Backflow Enclosure Heater

MODEL #HU1000SS



INTRINSICALLY SAFE  
WATERPROOF  
FIREPROOF



## BFProducts Inc #HU1000SS Enclosure Heater:

- Certified to ASSE-1060 Class- 1 Standard, for use in wet and damp locations.
- Certifications - ISO 8846, SAE J1171, ABYC E11, Ignition Protection in confined areas.
- IPX7- one of the only waterproof heaters on the market.

Operating Instructions: - Plug into a GFCI electrical outlet. Plug illumination indicates the heater is receiving power and ready to heat in ambient temps below @ 44°F. Heater has an internal non-adjustable, hermetically sealed fixed-thermostat, **there are no switches or knobs**. ON @ 44 degrees, OFF @ 52 degrees +/- 3 degrees. When ambient temperature reaches the thermostat set point (@ 44 degrees), the heater will automatically turn on and will not turn off until the pre-set temperature is reached (@ 52 degrees).

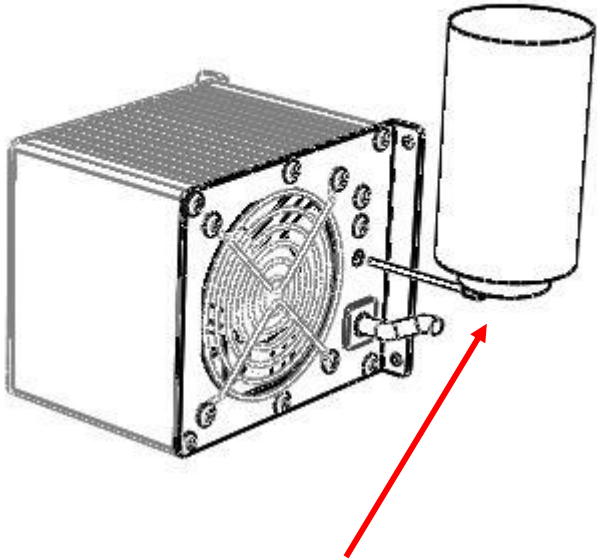
Heater Output: - (50 CFM @ 60 degree rise). Heaters utilize solid state, stainless steel, self-temperature regulating heating modules that automatically increases its electrical resistance with temperature.

Mounting Instructions: - Heater is factory mounted on middle-back wall inside enclosure. Heater can be field-installed inside enclosure. Mount heater @ 10" above slab/floor, keep debris out of the fan to prolong the life of the heater.

Maintenance: - All components are sealed, there is nothing to oil or lubricate. Check & clean excessive debris build-up on fan screen.

### Testing Procedure #1: - Freezer Method

Place the entire unit in the freezer. **DO NOT LEAVE PLUGGED IN.** Allow **ONE HOUR** for the unit to completely acclimate. Remove from freezer and plug in. The heater should run for a minute or two and then turn off.



Duster-Blaster Can must be upside down (as pictured)

### Testing Procedure #2: - Field Testing, Freeze-Blaster-Duster Spray Can Method:

1. Use blaster-duster aerosol can, same as used to clean electronics. Turn can upside down.
2. Ensure the heater is plugged in and the light at the end of the cord is illuminated.
3. The heater is equipped with a 1/8" hexagon shaped testing port/hole located next to the cord (see picture).
4. Place the spray nozzle hose about 1/2" outside the small testing port/hole and spray a very short blast (1 second) of freeze spray.
5. Wait about 30 seconds for the heater to turn on. Repeat if necessary.
6. Can must be upside down- as pictured  
Duster Aerosol can- same as used to clean electronics

- Model: #HU1000SS, 1000W, 8.3 amps
- Non-adjustable Thermostatically controlled
- Auto - ON @ 44 degrees, OFF @ 52 degrees, +/- 3\*
- Voltage; 120v AC nominal
- Housing; anodized aluminum
- Stainless Steel heating module
- Waterproof, quiet operation fan
- all electronic connections are individually soldered and encapsulated
- NEMA 5-15P 3-prong cord, w/indicator light

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