



# BSBT

## Indoor Split

### SINGLE AND TWO-STAGE GEOTHERMAL SYSTEM



Forced-air heating and cooling



Domestic hot water assist



Optional EPIC connected controls



Upgrading your home's comfort just got easier! The revolutionary EnerTech split-system geothermal heat pump can be installed alongside your existing conventional furnace for a significant boost in performance and a noticeable savings on heating and cooling costs. Suitable for new construction and replacement applications, this compact, ultra-quiet geothermal unit provides over 90% of your home's typical heating needs and all of the necessary air conditioning. In very cold temperatures, the existing furnace supplements the geothermal unit - essentially creating a highly effective hybrid comfort system! Now with optional EPIC connected controls, you can be sure that your unit is keeping your spaces consistently comfortable, even if you're away from home.



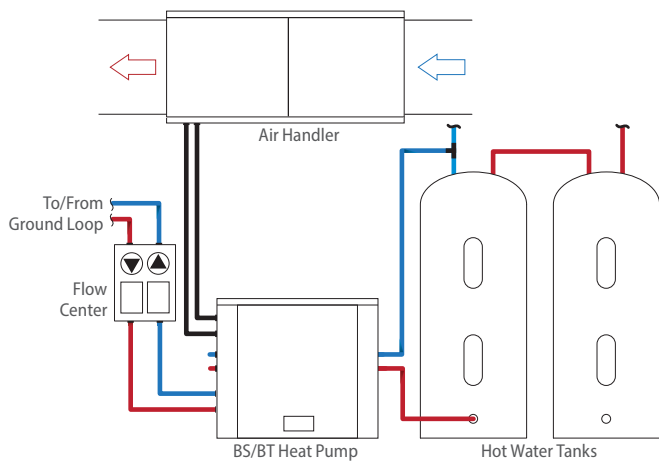


## Indoor Split System

It's a win-win proposition. Enertech split systems burn no fossil fuels and will lower your reliance on less efficient conventional systems. **Your home's carbon footprint is reduced** and that's good for the environment. Your pocket book wins too! When paired with a high-efficiency gas furnace your **heating and cooling costs will be drastically reduced**. All with a lower up-front cost versus a complete geothermal package system, Enertech's Indoor Split is **purely practical** and simply an efficient, economical choice.



Available with EPIC connected controls.



## Heating and Cooling Cycles

During the heating cycle, the fluid circulates through the loop extracting heat from the ground. The heat energy is transferred to the geothermal unit. The unit compresses the extracted heat to a high temperature and delivers it to your home through a normal duct system.

For cooling, the process is simply reversed. Because the earth is much cooler than the air temperatures on a hot day, the geothermal system removes heat from the home and deposits it into the ground. The fluid is cooled by the ground temperatures and returned to the unit for cooling your home.

Each BS/BT unit is shipped with a factory-provided mitigation kit for field installation to provide a Refrigerant Detection System (RDS) — ensuring compliance with A2L refrigerant safety standards.

### WARRANTY OPTIONS

Enertech offers the best geothermal warranty options – pure and simple. Extended coverage is available with the Option 18 Warranty, which covers a one-time replacement for the compressor up to 18 years. Ask your Enertech installer for more details and options or visit [enertechusa.com](http://enertechusa.com).



### CONNECTED CONTROLS

With our EPIC connected controls, you can monitor energy usage, review operating parameters, and view water or air temperatures - all from your mobile device. EPIC can also notify your dealer of any maintenance needs so your system can avoid issues before they arise.

### PEACE AND COMFORT

High density closed cell UL GREENGUARD Gold certified foam insulation is used throughout the cabinet to help absorb sound. Our exclusive triple isolation design features elastomeric vibration absorption pads, a heavy

gauge compressor isolation plate and high density rubber grommets to greatly reduce compressor sound (we say ridiculously quiet).

### ENVIRONMENTALLY FRIENDLY

Geothermal releases no environmentally harmful emissions, reducing your carbon footprint. In fact, geothermal systems are recognized by the U.S. EPA and Natural Resources Canada as the most energy-efficient heating and cooling systems available.

### UNIT FLEXIBILITY

The split system is ideal for both new construction and for installation in existing homes. With its compact size, the Split can be installed where space is tight, and can be used in many cases with an existing air handler or furnace, and existing ductwork.

### COMPELLING INCENTIVES

In addition to the many benefits of geothermal, a wide range of financial incentives are available across the United States and Canada. Many state and provincial entities, local municipalities, and utilities support the installation of

geothermal systems by offering rebates and other financial incentives.

USA: [dsireusa.org](http://dsireusa.org)

Canada: [nrccan.gc.ca](http://nrccan.gc.ca)



### OPERATIONAL COST SAVINGS

By using the free energy stored in the ground, Enertech geothermal systems are up to 500% efficient, saving you up to 70% off heating and cooling costs versus conventional systems.

### FREE HOT WATER

Hot water assist is standard with most residential Enertech units. This allows the capture of free, unused heat, typically cutting hot water costs by 25% to 40%.

### PERFECTLY MATCHED EQUIPMENT

To meet forced air needs, the BS/BT models have AHRI (Air Conditioning, Heating, and Refrigeration Institute) certified air-handler and "A" coil matches. This results in better performance and guarantees the operating efficiency of the system, which is a requirement for many rebate and incentive programs.

## Capacity and Efficiency Ratings (GROUND LOOP HEAT PUMP)

| Model | Capacity  | Cooling |       | Heating |      |
|-------|-----------|---------|-------|---------|------|
|       |           | BTU/H   | EER   | BTU/H   | COP  |
| BS018 | Full Load | 21,800  | 21.10 | 14,400  | 3.90 |
|       | Part Load | –       | –     | –       | –    |
| BS024 | Full Load | 26,300  | 19.50 | 18,800  | 3.90 |
|       | Part Load | 21,500  | 27.80 | 15,400  | 4.30 |
| BS036 | Full Load | 36,900  | 19.20 | 27,800  | 3.80 |
|       | Part Load | 29,300  | 28.90 | 22,600  | 4.30 |
| BS048 | Full Load | 47,800  | 17.30 | 41,000  | 3.60 |
|       | Part Load | 36,600  | 24.30 | 31,100  | 4.10 |
| BS060 | Full Load | 61,100  | 17.60 | 46,800  | 3.80 |
|       | Part Load | 48,100  | 24.30 | 38,200  | 4.20 |
| BS072 | Full Load | 67,200  | 15.80 | 57,300  | 3.40 |
|       | Part Load | 54,900  | 21.10 | 47,700  | 3.80 |

Rated in accordance with AHRI/ISO standard 13256-1, which includes pump penalties • Heating capacities based on 68.0°F DB, 59.0°F WB entering air temperature  
Cooling capacities based on 80.6°F DB, 66.2°F WB entering air temperature

Entering water temperatures Full Load: 32°F heating / 77°F cooling  
Entering water temperatures Part Load: 41°F heating / 68°F cooling  
Tested with EAD air handler

Data subject to change



See our full line of residential and commercial geothermal products at [enertechusa.com](http://enertechusa.com)



Enertech Global geothermal systems are proudly built in the Heart of America – Mitchell, SD, and Greenville, IL. Our systems are built with stringent quality control standards and the most comprehensive testing within the geothermal heating and cooling industry.



Enertech Global is continually working to improve its products. As a result, the design, specifications, and general information of each product may change without notice and may not be as described herein. For the most up-to-date information, please visit our website, or contact our Customer Relations department at [customerrelations@enertechusa.com](mailto:customerrelations@enertechusa.com). Statements and other information contained herein are not express warranties and do not form the basis of any bargain between the parties, but are merely Enertech Global's opinion or commendation of its products.