

S-Series HTHV Heaters



Benefits at a Glance for:

Engineers

- HTHV technology
- Natural Gas, LP Gas, or Propane Air Burners
- 92% Energy Efficient

Contractors

- Up to 3.2M Btu/hr
- Cambridge Factory Start-up
- Ability to win more projects

Building Owners

- Reduces energy costs
- Provides superior IAQ
- Reduces carbon footprint

Cambridge Air Solution products are designed for simple installation, easy maintenance and reliable operation. They are available with certified and pre-engineered factory options and field-installed accessories. We manufacture products that heat, ventilate and cool both commercial and industrial buildings and facilities.

Industry Applications

Commercial

- Aviation
- Agricultural
- Warehouse/Distribution
- Sporting
- Greenhouses
- Municipality
- Retail
- Automotive Service and Repair
- Parking Garages

Industrial

- Manufacturing
- Waste Water Treatment
- Warehouse
- Paint Booths

Features

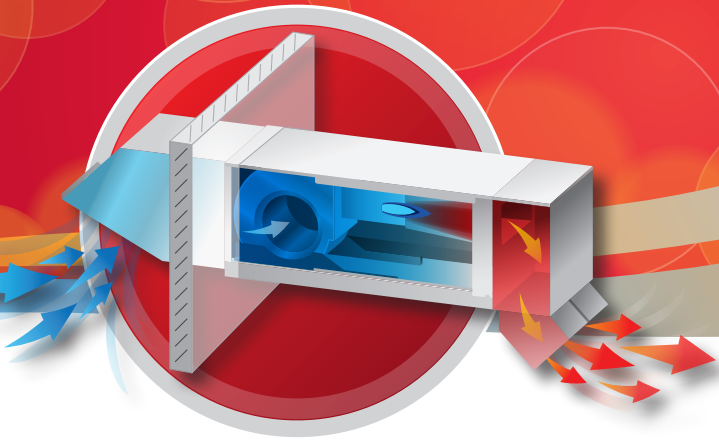
- High Temperature Heating & Ventilation technology (HTHV)
- 160°F Maximum rise & discharge temp provides energy efficiency
- 100% outside air provides ventilation and IAQ
- High 10:1 induction air mixing ratio minimizes stratification
- 5 year burner warranty
- Proprietary type 304 stainless steel burner manufactured by CEI
- Patented Low Fire Start technology increases reliability and saves energy
- Exceeds DOE's 90% High-Efficiency gas fired technology standards
- Blow Thru Space Heating Technology provides maximum amount of Btus per CFM



ASHRAE
90.1
COMPLIANT



S-Series — HTHV Heaters



Specifications – Base Unit

Models:

- SA250 – 250,000 Btu
- SA350 – 350,000 Btu
- S400 – 400,000 Btu
- S800 – 800,000 Btu
- S950 – 950,000 Btu
- S1200 – 1,200,000 Btu
- S1600 – 1,600,000 Btu
- S1850 – 1,850,000 Btu
- S2200 – 2,200,000 Btu
- S3200 – 3,200,000 Btu

Mounting: Indoor and Outdoor

- Roof Top Horizontal
- Under Roof Horizontal
- Thru Wall Horizontal and Vertical
- Pad Mount Horizontal and Vertical

Voltage:

- 120/1/60
- 208/1/60
- 230/1/60
- 208/3/60
- 230/3/60
- 460/3/60
- 575/3/60

Casing/Finish:

- Single Wall Powder Coat, 1000 Hour Salt Spray

Available Options/Accessories

Intake:

- Rain Hood
- Inlet Screen
- V-Bank Filter Section
- Inlet Damper
- Inlet Skirt for Rain Hood

Discharge Options:

- Down Blast
- Horizontal Blast
- Up Blast

Mounting Curbs

Mounting Legs

Gas Train Enclosure

Filters:

- Permanent Pleated Aluminum

Motor Type:

- ODP

Gas Controls:

- Electronic Discharge Space Modulation (EDSM)
- Electronic Discharge Space Modulation/Tamper Proof (EDSM/TP)
- Electronic Discharge Remote (EDR)
- Insurance Controls
- High Pressure Regulator

Electrical Control Options:

- Temperature Setback System (TSS)
- Temperature Averaging System (TAS-2)
- Fused Disconnect Switch (FDS)
- Exhaust Fan Interlock (EFI)
- Exhaust Fan Contact (EFC)