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

Industrial
- Municipality
- Retail
- Automotive Service and Repair
- Parking Garages

Building Owners
- 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
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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

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)