

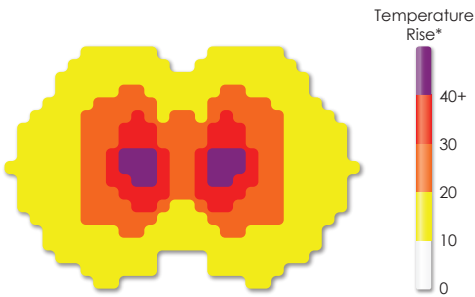
BRANT RADIANT

RE-VERBER-RAY

RADIANT GAS HEATERS®

HEATERS LIMITED

COMPACT COMFORT



* Indoor Lab Test Conditions

SERIES

○ AVD

● AVS

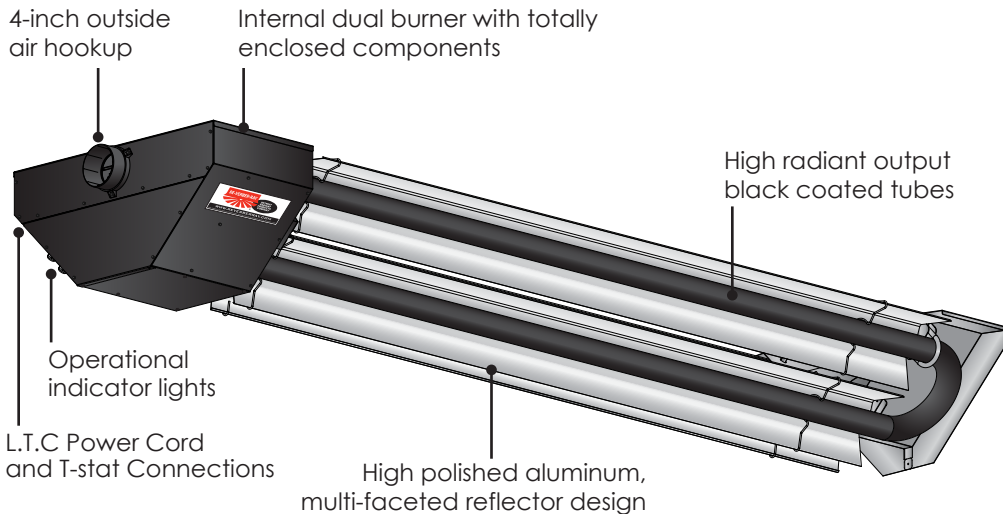
AVS SERIES

AGRICULTURAL, QUAD TUBE, SINGLE-STAGE LOW-INTENSITY HEATER

The AVS Series Patent Pending single-stage infrared heater is designed for poultry and non-corrosive agricultural environments. Its unique construction offers an innovative heating solution designed for agricultural applications. Its construction incorporates the modular benefits of high-intensity infrared with the application versatility of low-intensity infrared. The enhanced two-stage feature of the AVS Series provides superior performance and is ideal for applications seeking even heat intensity. CSA Design Certified for indoor or outdoor applications, the AVS Series is a right choice for poultry, dairy, arena, barns, shops and much more.



PRODUCT FEATURES



Patent Pending

TYPICAL APPLICATIONS

- Chicken barns
- Pig barns
- Dairy barns
- Turkey barns
- Spot or Total Barn Heat
- Wash down stables

- Compact, aesthetically pleasing construction.
- Easy to install with minimal assembly required.
- Proven fuel savings.
- Multiple construction features including: dual spark ignition, highly emissive heat exchangers, highly polished aluminum reflectors, operational indicator lights and more.
- Designed and packaged for ease in transportation.
- CSA Design Certified for both indoor and outdoor use and to Agricultural and Commercial/Industrial Standards.

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VISIT OUR WEBSITE FOR:

- Product Specs
- Parts Support
- Dealer Locator
- Applications
- C.A.D. Library
- Design Guidelines
- Theory of Infrared
- and More!

AVS SERIES

SPECIFICATIONS



PRODUCT SPECIFICATIONS

Input Range:	40,000 to 80,000 BTU/h
Lengths:	107" O.A.L
Gas Type:	Natural or Propane
Burner Control Box:	Coated Enameled Steel
Radiant Emitter Tubes:	Coated Aluminized Steel
Certification:	CSA Design Certified
Limited Warranty:	1-3-5 (Components-Tubes-Burners)
Outdoor Approval:	Optional OD-KIT Add-On
24V Controls:	4000-01V External transformer required for controlling multiple units with a single control.
Operational Indicator Lights:	Standard

ELECTRICAL

- 120V/1 Ph/60 Hz.
- Starting amps - 1.5.
- Running amps - 1.1.
- 24V thermostatic control.

INTERNAL CONTROLS

- 3-try dual spark ignition.
- Safety pressure switch.
- Self-diagnostic w/ LED.
- Pre & post purge controls.

TUBE CONSTRUCTION

- 2.25" O.D., 16 ga. aluminized steel construction.
- All tubes coated with high temperature, corrosion resistant black coating, .95 emissivity.

APPROVALS

- Indoor/Outdoor.
- Commercial/Brooder.

REFLECTORS (4)

- Highly polished aluminum.
- Multi-facet design.
- Pre-set angle for optimal output.

VENTING

- 4" single vent.
- Sidewall or roof venting.

COMBUSTION AIR

- Preset 4 in. combustion air inlet collar.

GAS CONNECTION

- 1/2 in. x 30 in. Type 1 Hose
-

GAS PRESSURES

- Manifold: 3.5" NAT or 10.0" LP
- Min. Inlet: 5.0" NAT or 11.0" LP
- Max. Inlet: 14.0" NAT or 14.0" LP

KIT CONTENTS

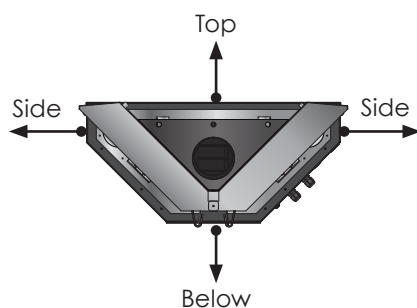
- 4" vent adapter fitting.
- 81" x 4" spiral vent pipe.
- 30" Type 1 gas hose.

AVAILABLE AVS SERIES MODELS

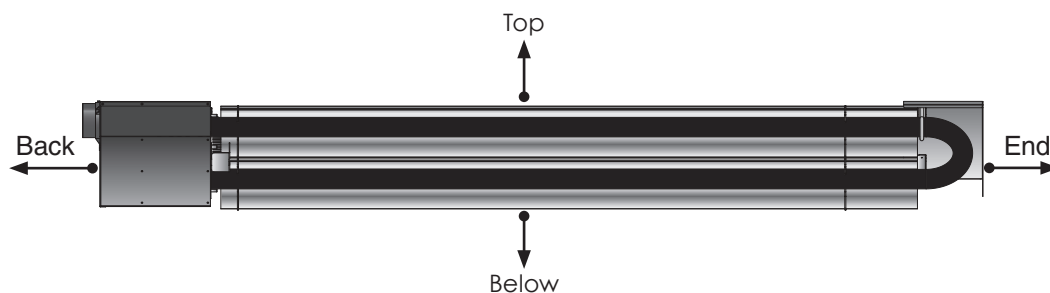
MODEL NUMBER	GAS TYPE	INPUT BTU/H	OVERALL LENGTH	WEIGHT (LBS.)	RECOMMENDED MOUNTING HEIGHTS*	CLEARANCE TO COMBUSTIBLES**				
						TOP	SIDES	BELOW	BACK	END
AVS-40N	Natural	40,000	107"	103	8' to 10'	10	36	40	6	12
AVS-40P	Propane	40,000			8' to 10'	10	36	40	6	12
AVS-60N	Natural	60,000			8' to 12'	10	36	40	6	12
AVS-60P	Propane	60,000			8' to 12'	10	36	40	6	12
AVS-80N	Natural	80,000			10' to 14'	10	36	40	6	12
AVS-80P	Propane	80,000			10' to 14'	10	36	40	6	12

* Recommended mounting heights are provided as a guideline. Actual conditions, such as outdoor or spot heating, may dictate variations from this data.

** Clearances published in QTS Series manual and on warning label supersede data shown on this brochure.



Clearance to Combustibles
Diagram: End View



Clearance to Combustibles
Diagram: Side View

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