

BRANT RADIANT

RE-VERBER-RAY

RADIANT GAS HEATERS®

HEATERS LIMITED

SERIES

● AG2 ○ AG1

AG2 SERIES

AGRICULTURAL GAS FIRED DUAL-STAGE INFRARED HEATERS

The AG2 Series is specifically designed for poultry and non-corrosive agricultural environments. From start-to-finish, producers using infrared heaters have realized higher quality chicks, lower mortality rates, improved animal performance and reduced fuel consumption. Save 20-50% on your fuel bill using radiant tube heat versus other heating appliances. For use in poultry, dairy, barns, shops, arenas and much more.

AGRICULTURAL



PRODUCT FEATURES

- Two-Stage Operation Provides Superior Comfort.
- BTU/h Inputs of 65,000 to 150,000.
- Available in Tube Lengths of 20 to 60 Ft.
- Coated Titanium Stabilized or Aluminized Combustion Chamber.
- Coated Aluminized Radiant Tubes.
- Highly Polished Aluminum Reflectors.
- Water Resistant Burner Control Box.
- External Operational Indicator Lights.
- Potted (water resistant) Circuitry with Self-Diagnostic Capabilities.
- Hot Surface Ignition with Flame Rod Sensing.
- Optional Stainless Steel Upgrades Available.

PRODUCT FEATURES COMPARISON CHART

AG2 AG1

Highly Polished Aluminum Reflectors



Stainless Steel Combustion Chamber



Coated Aluminized Radiant Tubes



Stainless Steel Burner Control Box



Hot Surface Ignition



Type 1 Rubber Hose



Two-stage Technology



Potted "Waterproof" Circuitry



Waterproofed Control Box and Electrical Attachments



Optional 'U' or 'L' Configurations Available



24 Volt Control



BRANT RADIANT HEATERS LIMITED

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VISIT OUR WEBSITE FOR:

- Product Specs
- Parts Support
- Dealer Locator
- Applications
- C.A.D. Library
- Design Guidelines
- Case Studies
- and More!

AG2 SERIES

SPECIFICATIONS



PRODUCT SPECIFICATIONS

Input Range:	65,000 to 150,000 BTU/h
Lengths:	20-60 Ft.
Gas Type:	Natural or Propane
Combustion Chamber:	Titanium Stabilized or Aluminized Steel
Radiant Tubes:	Coated Aluminum
Certification:	CSA, IAS
Limited Warranty:	1-3-5 (Components-Tubes-Burner)

OPTIONAL EQUIPMENT

U or L Configurations:	Available (RUP, REP)
Stainless Steel Upgrades:	Available (AGAO-SS, SSTAO, SSRAO)
24V Controls:	Standard
Indicator Lights:	Standard
Three-prong Power Cord	Standard
Protective Guards:	Available (PG)
Side Shield Extensions:	Available (SSE)
Aluminum Steel Tubes:	Available (ALUM-AO)

Reference the AG Accessory List for additional upgrade options and accessories.

ELECTRICAL

- 120V, 60Hz, 3-wire.
- 4.8A starting, 1.1A running.

CONTROLS

- Water resistant microprocessor circuitry provides soft-lockout and self-diagnostic capabilities.
- 24V thermostatic control (Field supplied 24V).

TUBE CONSTRUCTION

- As shown to left
- 4" x 10' 16 ga. construction.
- Labor saving, interlocking swaged tube design.

REFLECTORS

- Highly polished aluminum.
- End caps included.
- Tension springs.
- 0° – 45° rotatable angle.

IGNITION/SENSE

- Hot surface ignition.
- Flame rod sense.

VENTING

- Venting options for roof or sidewall.
- Optional unvented use with WVE-GALV.

GAS CONNECTION

- 1/2" male NPT.
- 36" Type 1 Rubber Hose.

GAS PRESSURES

- MAN: 3.5" NAT or 10.0" LP
- MIN: 5.0" NAT or 11.0" LP
- MAX: 14.0" NAT or 14.0" LP

COMBUSTION AIR

- Required in harsh environments.
- Equipped for ducted air intake from roof or sidewall.

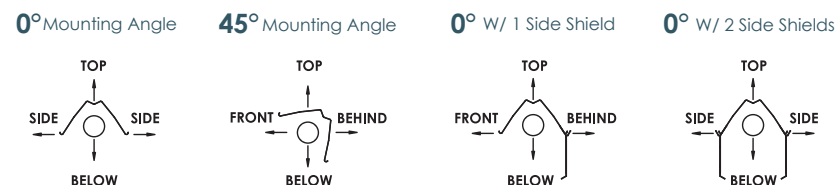
KIT CONTENTS

- All hangers & hose.
- Reflector end caps.
- Turbulator baffles.

AVAILABLE AG2 MODELS & CLEARANCES

MODEL #	GAS*	BTU/H HIGH FIRE	BTU/H LOW FIRE	LENGTH	WEIGHT	MOUNTING HEIGHTS**
AG2-20-65	N or LP	65,000	50,000	21'- 7"	120 lbs.	6' to 9'
AG2-20-75	N or LP	75,000	50,000	21'- 7"	120 lbs.	7' to 10'
AG2-30-65	N or LP	65,000	50,000	31'- 3"	160 lbs.	6' to 9'
AG2-30-75	N or LP	75,000	50,000	31'- 3"	160 lbs.	7' to 10'
AG2-30-100	N or LP	100,000	65,000	31'- 3"	160 lbs.	8' to 14'
AG2-40-65	N or LP	65,000	50,000	40'- 11"	190 lbs.	6' to 9'
AG2-40-75	N or LP	75,000	50,000	40'- 11"	190 lbs.	7' to 12'
AG2-40-100	N or LP	100,000	65,000	40'- 11"	190 lbs.	7' to 13'
AG2-40-125	N or LP	125,000	95,000	40'- 11"	190 lbs.	9' to 13'
AG2-40-150	N or LP	150,000	100,000	40'- 11"	190 lbs.	10' to 14'
AG2-50-100	N or LP	100,000	65,000	50'- 7"	235 lbs.	8' to 12'
AG2-50-125	N or LP	125,000	95,000	50'- 7"	235 lbs.	9' to 14'
AG2-50-150	N or LP	150,000	100,000	50'- 7"	235 lbs.	10' to 14'
AG2-60-150	N or LP	150,000	100,000	60'- 3"	265 lbs.	10' to 14'

* Specify natural (N) or propane (LP) gas. ** Recommended mounting heights are provided as a guideline. Actual conditions may dictate variations from the above data.



AG2 CLEARANCES TO COMBUSTIBLES (IN.)

MODEL NO.	MOUNTING ANGLE	SIDE			
		FRONT	BEHIND	TOP	BELOW
AG2-(20,30,40)-(65,75)	0°	9	9	6	60
	45°	39	8	10	60
W/1 side shield	0°	29	8	6	60
W/2 side shields	0°	9	9	6	60
20 ft. from burner	0°	7	7	6	30
AG2-(30,40,50)-100	0°	14	14	6	66
	45°	39	8	10	66
W/1 side shield	0°	29	8	6	66
W/2 side shields	0°	16	16	6	66
20 ft. from burner	0°	7	7	6	30
AG2-(40,50)-125	0°	20	20	6	76
	45°	58	8	10	76
W/1 side shield	0°	42	8	6	76
W/2 side shields	0°	20	20	6	76
20 ft. from burner	0°	7	7	6	30
AG2-(40,50,60)-150	0°	24	24	6	81
	45°	58	8	10	81
W/1 side shield	0°	42	8	6	81
W/2 side shields	0°	23	23	6	81
20 ft. from burner	0°	11	11	6	44

Always maintain the published clearances to combustibles.

Clearances published in AG2 Series manual and on warning label supersede data shown on this brochure.

DISTRIBUTED BY:



LBAG2-3M-10/11(AOG)