

# AG2 SERIES

AGRICULTURAL GAS-FIRED,  
DUAL-STAGE, INFRA-RED HEATERS

By  
**RE-VERBER-RAY**



The AG2 Series of dual-stage infra-red heaters is designed for poultry and non-corrosive agricultural environments. Proven construction features assure reliable performance in non-corrosive environments along with the added benefits of two-stage operation and many other technical features at moderate prices. For use in poultry, dairy, arena, barns, shops and much more.

## TWO-STAGE TECHNOLOGY

- 12% minimum fuel savings (over single-stage infra-red).
- Faster heat loss recoveries.
- Improved comfort levels.
- 35% reduction in equipment cycles.
- Design protection benefits.

## PRODUCT FEATURES

- Titanium alloy or aluminized combustion chamber.
- Hot rolled steel radiant tubes.
- Stainless steel burner.
- Waterproofed control box.
- Self-diagnostic capabilities.

Available in tube lengths  
of 20 to 60 ft. and 65,000  
to 150,000 BTU/H.

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- Product Specifications
- C.A.D. Library
- Dealer Locator
- Theory of Infra-Red
- Applications
- Parts Support
- Design Guidelines
- Product Awards
- Technical Reports
- and Much More!

Features	RVA2	AG2	AG1	Other
24" Stainless Steel Flexible Gas Connector Included	●*	●	●	
24V Operational Controls	●	●	●	
Aluminized Steel Radiant Tubes	●	●		
Epoxy Potted Waterproof Circuit Board		●	●	
Radiant Tubes Coated with Highly Emissive Black Coating	●	●		
Self-Diagnostic Circuit Board with LED Display	●	●		
Stainless Steel Burner Housing (Control Box)	●	●		
Stainless Steel Combustion Chamber	●	●		
Two-Stage Technology	●	●		
Waterproofed Burner Box and Electrical Attachments	●	●	●	

\* PVC Coated Connector.

# AG2 SERIES SPECIFICATIONS

## PRODUCT SPECIFICATIONS

<b>BTU Range:</b>	65-150 MBTU/H
<b>Lengths:</b>	20-60 ft.
<b>Gas Type:</b>	Natural or Propane
<b>Radiant Tubes:</b>	4" hot-rolled steel (upgradeable to aluminized steel)
<b>Combustion Chamber:</b>	Titanium alloy or aluminized
<b>Certification:</b>	CSA, IAS
<b>Warranty:</b>	1-3-5 (Components-Tubes-Burner)

## OPTIONAL EQUIPMENT

<b>"U" or "L" Configurations:</b>	Available (RU, RE)
<b>Stainless Steel Upgrades:</b>	Available
<b>24V Controls:</b>	Standard
<b>3' Three prong power cord:</b>	Standard
<b>Protective Guards:</b>	Available (PG)
<b>Side Shield Extensions:</b>	Available (SSE)
<b>Aluminized Steel Tubes:</b>	Available (ALUM-AO)

ELECTRICAL	CONTROLS	GAS CONNECTION	GAS PRESSURES	IGNITION / SENSE
<ul style="list-style-type: none"> <li>120V, 60Hz., 3-wire.</li> <li>4.8A starting, 1.1A running.</li> </ul>	<ul style="list-style-type: none"> <li>Microprocessor circuitry provides soft lockout and self-diagnostic capabilities.</li> <li>24V thermostat control. (Field supplied 24 Volts)</li> </ul>	<ul style="list-style-type: none"> <li>1/2" NPT gas cock included.</li> <li>24" stainless steel flex connector provided.</li> </ul>	<ul style="list-style-type: none"> <li>MAN.- 3.5"Nat 10.0"LP</li> <li>MIN.- 5.0"Nat 11.0"LP</li> <li>MAX.- 14.0"Nat 14.0"LP</li> </ul>	<ul style="list-style-type: none"> <li>Hot surface ignition.</li> <li>Flame rod sense.</li> </ul>
VENTING	TUBE CONSTRUCTION	REFLECTORS	COMBUSTION AIR	KIT CONTENTS
<ul style="list-style-type: none"> <li>4" single vent.</li> <li>6" common vent (with single thermostat).</li> <li>Optional unvented use with WVE-GALV.</li> </ul>	<ul style="list-style-type: none"> <li>As shown above.</li> <li>4"x10' 16ga. construction.</li> <li>Labor saving, interlocking swaged tube design.</li> </ul>	<ul style="list-style-type: none"> <li>Highly polished aluminum.</li> <li>End caps included.</li> <li>0° - 45° rotatable angle.</li> <li>Stainless steel upgrades available.</li> </ul>	<ul style="list-style-type: none"> <li>Equipped for ducted air intake from roof or sidewall.</li> <li>Required in harsh environments.</li> <li>Optional AK-T4 kit available.</li> </ul>	<ul style="list-style-type: none"> <li>All hangers &amp; couplers.</li> <li>Reflector end caps.</li> <li>Turbulator baffle(s).</li> </ul>

## AVAILABLE AG2 MODELS & CLEARANCES

Qty.	Model #	Gas*	MBTU's	Length	Weight	Suggested Height Above Animals
	AG2-20-65		65/50	21'-7"	120 #	6' - 9'
	AG2-20-75		75/50	21'-7"	120 #	7' - 10'
	AG2-30-65		65/50	31'-3"	160 #	6' - 9'
	AG2-30-75		75/50	31'-3"	160 #	7' - 10'
	AG2-30-100		100/65	31'-3"	160 #	8' - 14'
	AG2-40-65		65/50	40'-11"	190 #	6' - 9'
	AG2-40-75		75/50	40'-11"	190 #	7' - 12'
	AG2-40-100		100/65	40'-11"	190 #	7' - 13'
	AG2-40-125		125/95	40'-11"	190 #	9' - 14'
	AG2-40-150		150/100	40'-11"	190 #	10' - 14'
	AG2-50-100		100/65	50'-7"	235 #	8' - 12'
	AG2-50-125		125/95	50'-7"	235 #	9' - 14'
	AG2-50-150		150/100	50'-7"	235 #	10' - 14'
	AG2-60-125		125/95	60'-3"	270 #	9' - 14'
	AG2-60-150		150/100	60'-3"	270 #	10' - 14'

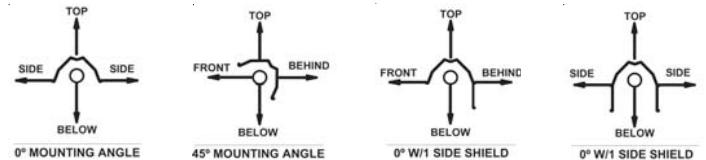
\* Specify natural (N) or propane (LP) gas.

CLEARANCES TO COMBUSTIBLES (IN.)						
MODEL NO.	MOUNTING ANGLE	SIDE		TOP	BELOW	
		FRONT	BEHIND			
AG2 (20,30,40) - (65, 75) [N,P]	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 [N,P]	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 (40,50,60)-125 [N,P]	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 [N,P]	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

## OPTIONAL ACCESSORIES

- Air inlet boot (AIRH).
- Wall inlet cap (WIV-4).
- Galvanized steel vent outlet cap (WVE-GALV).
- Two-stage thermostat with raintight enclosure (TH-109).
- 4" Duravent sidewall vent kit (4-DSK).
- Agricultural air intake kit (AK-T4).
- 409 stainless steel burner box upgrade (AGAO-SS).
- Coated aluminized steel radiant tube upgrade (ALUM-AO).
- 4" chain mounting set (RVA-CS).
- High pressure regulator (325-3).

Consult the accessory guide for more information on these and other options.



## CONTACT US



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