

RVA2 SERIES By

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



The RVA-2 Series of rugged dual-stage infra-red heaters is designed for swine and other harsh agricultural environments. Rugged construction features, superior operational efficiencies, stainless steel features and other technical advancements assure reliable performance in harsh environments along with added two-stage operational benefits. For use in swine, 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

- Stainless Steel 10 ft. Combustion Chamber.
- Coated Aluminized Steel Radiant Tubes.
- 304 Stainless Steel, Silicone Sealed Control Box.
- Stainless Steel "Rifle" Burner.
- Self-Diagnostic Capabilities and Soft Lockout Features.

*Available in tube lengths
of 20 to 50 ft. and 65,000
to 150,000 BTU/H.*

VISIT WWW.REVERBERRAY.COM FOR:

- 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	RVA-2	AG-2	AG-1	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.

RVA2 SERIES SPECIFICATIONS

PRODUCT SPECIFICATIONS

BTU Range:	65-150 MBTU/H
Lengths:	20-50 ft.
Gas Type:	Natural or Propane
Radiant tubes:	4" Coated Aluminized Steel
Combustion Chamber:	409 Series Stainless Steel
Certification:	CSA, IAS
Warranty:	1-3-5 (Components-Tubes-Burner)

OPTIONAL EQUIPMENT

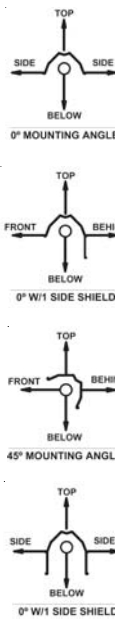
"U" or "L" Configurations:	Available (RU, RE)
Stainless Steel Upgrades:	Most options available
24V Controls:	Standard
6' Three prong power cord:	Standard
Protective Guards:	Available (PG)
Side Shield Extensions:	Available (SSE)
Outdoor Approval:	N/A

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

AVAILABLE RVA2 MODELS & CLEARANCES

Qty.	Model #	Gas†	MBTU's	Length	Weight	Suggested Height Above Animals
	RVA2-20-65/50**		65 / 50	21'-7"	120 #	6' - 9'
	RVA2-20-75/50		75 / 50	21'-7"	120 #	7' - 10'
	RVA2-30-75/50		75 / 50	31'-3"	160 #	7' - 10'
	RVA2-30-100/65		100 / 65	31'-3"	160 #	8' - 14'
	RVA2-40-75/50		75 / 50	40'-11"	190 #	7' - 10'
	RVA2-40-100/65		100 / 65	40'-11"	190 #	7' - 11'
	RVA2-40-125/95*		125 / 95	40'-11"	190 #	9' - 12'
	RVA2-40-150/100*		150 / 100	40'-11"	190 #	10' - 14'
	RVA2-50-100/65		100 / 65	50'-7"	235 #	8' - 11'
	RVA2-50-125/95*		125 / 95	50'-7"	235 #	9' - 12'
	RVA2-50-150/100*		150 / 100	50'-7"	235 #	10' - 14'

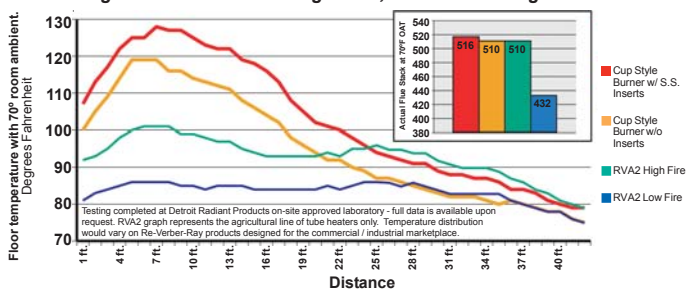
† Specify natural (N) or propane (LP) gas.
 * Not recommended for use in a swine application.
 ** Not recommended for use in a dairy or poultry application.



MODEL NO.	MOUNTING ANGLE	SIDE		TOP	BELOW
		FRONT	BEHIND		
RVA2 (20) - 65/50 [N,P]	0°	10	10	4	47
	45°	39	8	10	60
W/1 side shield	0°	29	8	6	60
W/2 side shields	0°	9	9	6	30
20 ft from burner	0°	7	7	6	30
RVA2 (20,30,40) - 75/50 [N,P]	0	10	10	4	47
	45°	39	8	10	60
W/1 side shield	0°	29	8	6	60
W/2 side shields	0°	9	9	6	30
20 ft from burner	0°	7	7	6	30
RVA2 (30,40,50)- 100/65 [N,P]	0°	16	16	4	55
	45°	39	8	10	66
W/1 side shield	0°	29	8	6	66
W/2 side shields	0°	16	6	6	66
20 ft from burner	0°	7	7	6	30
RVA2 (40,50) - 125/95 [N,P]	0°	19	19	4	73
	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
RVA2 (40,50) - 150/100 [N,P]	0°	19	19	4	73
	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	41

TEMPERATURE DIFFERENTIAL GRAPH

Testing of two 40' heaters firing at 100,000 BTU/H. Hung at 7' A.F.F.



This data is only for the RVA2 Series. Not applicable on AG1 or AG2 Series.

CONTACT US



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

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