

DETROIT RADIANT

RE-VERBER-RAY

INFRARED RADIANT HEATERS

PRODUCTS COMPANY

COMMERCIAL & INDUSTRIAL

SERIES

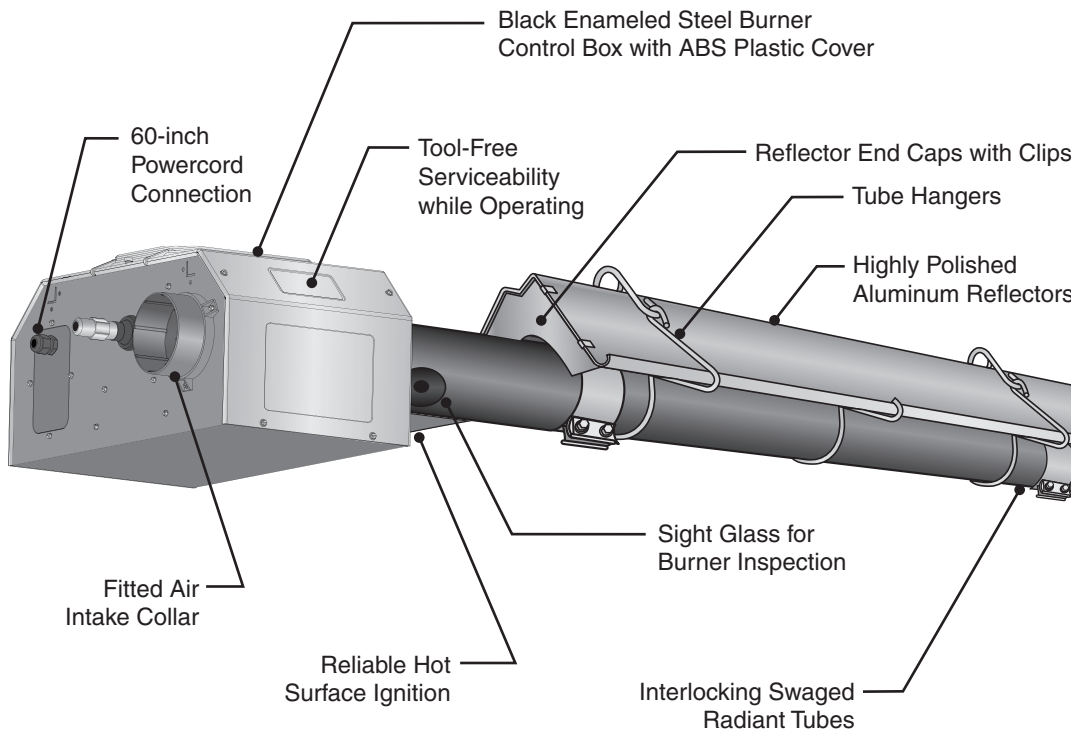


XTS3 SERIES

GAS-FIRED, SINGLE STAGE, INFRARED HEATERS

The XTS3 Series of low intensity infrared tube heaters offers a balance between features, performance and price. This heater series has many of the quality and performance features found in the higher end Re-Verber-Ray® Series. Features include an advanced stainless steel burner, hot surface ignition, highly polished aluminum reflectors and options for upgrades. The XTS3 Series represents reliable performance and good construction features.

PRODUCT FEATURES



SPECIFIC FEATURES



- Tool-free access to controls.
- Serviceability while unit is operating.
- Separated air and gas burner chamber.
- Symmetrical placement of ignition tube.
- Hinged control compartment provides ease in servicing.
- 3-piece independent compartment cover.
- ABS plastic air intake collar for connection to 4" PVC/DWV pipe.

PRODUCT FEATURES COMPARISON CHART

	HL3	DX3	XTS3	DET3	DES3
Highly Polished Aluminum Reflectors	•	•	●	•	•
Coated Titanium or Aluminized Combustion Chamber	•	•	●	•	•
Coated Aluminized Radiant Tubes	•	•			
Hot Surface Ignition	•	•	●		
Stainless Steel Flexible Gas Connector	•	•	●	•	•
Ball Valve (1/2" Brass) with Pressure Tap Included	•	•			
Two-stage Technology				•	
Interlocking Swaged Tubes	•	•	●	•	•
Stainless Steel Models Available*	•	•			
Reflector End Caps Included	•	•	●		
Optional 'U' or 'L' Configurations Available	•	•	●	•	•

* Select upgrades available; full stainless models are available in the HL2 and DX2 Series offering.

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- Dealer Locator
- Applications
- CAD/Revit Library
- Design Guidelines
- Informative Videos
- and More!

Learn more at youtube.com/reverberray



XTS3 SERIES

SPECIFICATIONS

PRODUCT SPECIFICATIONS

BTU Range:	50-200 MBH
Lengths:	20-60 Ft.
Gas Type:	Natural or Propane
Combustion Chamber:	Coated Aluminized or Titanium
Radiant Tubes:	Hot-Rolled Steel
Certification:	CSA, IAS
Limited Warranty:	1-3-5 (Components-Tubes-Burner)

OPTIONAL EQUIPMENT

"U" or "L" Configurations:	Available (RU, RE)
Stainless Steel Upgrades:	Available (SSRAO, SSC, SSB)
24V Controls:	Available (24VAO)
Indicator Lights:	Available (IND-LT)
Protective Guards:	Available (PG)
Side Shield Extensions:	Available (SSE)
Outdoor Approval:	Not Available



ELECTRICAL

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

CONTROL BOX

- Potted circuitry.
- 120V thermostat control.
- ABS plastic cover.

TUBE CONSTRUCTION

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

REFLECTORS

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

IGNITION/SENSE

- Hot surface ignition.
- Flame rod sense.

VENTING

- 4" single vent.
- 6" common vent (with single thermostat).
- SK caps on 200 MBH models.

GAS CONNECTION

- 1/2" NPT flexible connector.

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

- Equipped for ducted air intake from roof or sidewall.

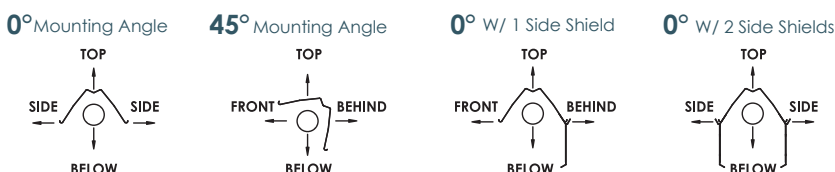
KIT CONTENTS

- All hangers & couplers.
- Reflector end caps.
- Turbulator baffle(s).

AVAILABLE XTS3 MODELS & CLEARANCES

MODEL #	GAS*	BTU/h	LENGTH	WEIGHT	RECOMMENDED MOUNTING HEIGHTS**
XTS3-20-50	N or LP	50,000	21' - 9"	120#	9' - 14'
XTS3-20-60	N or LP	60,000	21' - 9"	120#	10' - 15'
XTS3-20-75	N or LP	75,000	21' - 9"	120#	11' - 18'
XTS3-30-50	N or LP	50,000	31' - 5"	160#	10' - 15'
XTS3-30-60	N or LP	60,000	31' - 5"	160#	11' - 18'
XTS3-30-75	N or LP	75,000	31' - 5"	160#	12' - 20'
XTS3-30-100	N or LP	100,000	31' - 5"	160#	13' - 23'
XTS3-40-50	N or LP	50,000	41' - 1"	190#	11' - 18'
XTS3-40-60	N or LP	60,000	41' - 1"	190#	11' - 18'
XTS3-40-75	N or LP	75,000	41' - 1"	190#	12' - 20'
XTS3-40-100	N or LP	100,000	41' - 1"	190#	13' - 23'
XTS3-40-125	N or LP	125,000	41' - 1"	190#	14' - 25'
XTS3-40-150	N or LP	150,000	41' - 1"	190#	15' - 27'
XTS3-50-100	N or LP	100,000	50' - 9"	235#	15' - 27'
XTS3-50-125	N or LP	125,000	50' - 9"	235#	15' - 27'
XTS3-50-150	N or LP	150,000	50' - 9"	235#	16' - 30'
XTS3-50-175	N or LP	175,000	50' - 9"	235#	17' - 35'
XTS3-50-200	N or LP	200,000	50' - 9"	235#	18' - 40'
XTS3-60-125	N or LP	125,000	60' - 5"	265#	16' - 30'
XTS3-60-150	N or LP	150,000	60' - 5"	265#	17' - 35'
XTS3-60-175	N or LP	175,000	60' - 5"	265#	17' - 35'
XTS3-60-200	N or LP	200,000	60' - 5"	265#	18' - 40'

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



XTS3 CLEARANCES TO COMBUSTIBLES (IN.)

MODEL NO.	MOUNTING ANGLE	SIDE			
		FRONT	BEHIND	TOP BELOW	
XTS3-(20,30,40)-(50,60)	0°	9	9	6	47
	45°	39	8	10	47
W/1 Side Shield	0°	29	8	6	47
W/2 Side Shields	0°	9	9	6	47
20 ft. from Burner	0°	7	7	6	30
XTS3-(20,30,40)-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
XTS3-(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
XTS3-(40,50,60)-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
XTS3-(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
XTS3-(50,60)-175	0°	34	34	6	92
	45°	63	8	10	92
W/1 Side Shield	0°	50	8	6	92
W/2 Side Shields	0°	30	30	6	92
20 ft. from Burner	0°	11	11	6	44
XTS3-(50,60)-200	0°	41	41	6	94
	45°	63	8	10	94
W/1 Side Shield	0°	54	8	6	94
W/2 Side Shields	0°	30	30	6	94
20 ft. from Burner	0°	11	11	6	44

DISTRIBUTED BY:



Always maintain the published clearances to combustibles. Clearances published in XTS3 Series manual and on warning label supersede data shown on this brochure.