

DETROIT RADIANT

RE-VERBER-RAY

RADIANT GAS HEATERS®

PRODUCTS COMPANY

SERIES

○ GTD ● GTS

GTS SERIES

GAS-FIRED, SINGLE STAGE, INFRA-RED HEATERS

Packed with quality features, the GTS Series represents the highest quality single stage low intensity tube heater available anywhere. Performance is enhanced through the use of a specially designed stainless steel burner and coated titanium and/or aluminized steel combustion and radiant emitter tubes. The GTS Series offers superior low intensity heat, performance and longevity.

INTERNATIONAL



PRODUCT FEATURES

- Inputs of 15.0 to 60.0 kW
- Available in Tube Lengths of 6710 to 21335 mm
- Coated Titanium or Aluminized Combustion Chamber
- Coated Aluminized or Optional Economy Hot Rolled Steel Radiant Tubes
- Highly Polished Aluminum Reflectors
- Stainless Steel Burner
- Spark Ignition System
- Enameled Control Box
- Optional #3 Brushed Stainless Steel Control Box
- Optional 'U' or 'L' Configuration



PRODUCT FEATURES COMPARISON CHART

	GTD	GTS	OTHER
Highly Polished Aluminum Reflectors	•	●	
Coated Titanium or Aluminum Combustion Chamber	•	●	
Coated Aluminized Radiant Tubes	•	●	
Spark Ignition	•	●	
Flex Connector (610mm Stainless Steel)	•	●	
Ball Valve with Pressure Tap Available	•	●	
Two-stage Technology	•		
Interlocking Swaged Tubes	•	●	
Stainless Steel Upgrades Available	•	●	
Reflector End Caps Included	•	●	
Optional 'U' or 'L' Configurations Available	•	●	

DETROIT RADIANT PRODUCTS CO.

21400 Hoover Rd.
Warren, MI 48089-3162

Phone: +1.586.756-0950
Toll Free: +1.800.222.1100
Fax: +1.586.756.2626
Email: sales@drp-co.com
Website: www.detroitradiant.com

VISIT OUR WEBSITE FOR:

- Product Specs
- Parts Support
- Dealer Locator
- Applications
- C.A.D. Library
- Design Guidelines
- Theory of Infra-red
- And More!

GTS SERIES

SPECIFICATIONS



PRODUCT SPECIFICATIONS

Input Range:	15.0 - 60.0 kW
Lengths:	6710 - 21335mm
Gas Type:	G20 (I ₂ H), G25 (I ₂ L) and G31 (I ₃ P)
Radiant Tube Options:	Commercial, Industrial, Poultry, Swine
Certifications:	CE, AU, RU, NZ

OPTIONAL EQUIPMENT

"U" or "L" Configurations:	Available (RU, RE)
Stainless Steel Upgrades:	Available (SSRAO, SSFWAO, SSC, SSB)
Indicator Lights:	Standard
Protective Guards:	Available (PG)
Side Shield Extensions:	Available (SSE)

ELECTRICAL

- 230V, 50Hz
- 1.0A starting, 0.6A running

CONTROLS

- 230V thermostat control

TUBE CONSTRUCTION

- As shown at left
- 101.6mm x 3048mm, 16 ga.
- Labor saving, interlocking swaged tube design

REFLECTORS

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

IGNITION/SENSE

- Spark ignition
- Flame sense

VENTING

- 100mm single
- Optional 150mm common (with single thermostat)

GAS CONNECTION

- Brass ball valve included

GAS PRESSURES

- See Instruction Manual

COMBUSTION AIR

- Equipped for ducted air intake from roof or sidewall

KIT CONTENTS

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

AVAILABLE GTS MODELS & CLEARANCES

MODEL #	GAS*	KW	LENGTH	WEIGHT	RECOMMENDED MOUNTING HEIGHTS**
GTS-15(6M)	I ₂ H, I ₂ L, I ₃ P	15.0	6710mm	54.5 kg	3.0 to 4.6M
GTS-15(9M)	I ₂ H, I ₂ L, I ₃ P	15.0	9525mm	72.5 kg	3.0 to 5.5M
GTS-15(12M)	I ₂ H, I ₂ L, I ₃ P	15.0	12470mm	86.0 kg	3.3 to 5.5M
GTS-20(6M)	I ₂ H, I ₂ L, I ₃ P	20.0	6710mm	54.5 kg	3.3 to 6.1M
GTS-20(9M)	I ₂ H, I ₂ L, I ₃ P	20.0	9525mm	72.5 kg	3.7 to 7.0M
GTS-20(12M)	I ₂ H, I ₂ L, I ₃ P	20.0	12470mm	86.0 kg	3.7 to 7.6M
GTS-25(6M)	I ₂ H, I ₂ L, I ₃ P	25.0	6710mm	54.5 kg	3.3 to 6.1M
GTS-25(9M)	I ₂ H, I ₂ L, I ₃ P	25.0	9525mm	72.5 kg	3.7 to 7.0M
GTS-25(12M)	I ₂ H, I ₂ L, I ₃ P	25.0	12470mm	86.0 kg	3.7 to 7.6M
GTS-30(9M)	I ₂ H, I ₂ L, I ₃ P	30.0	9525mm	72.5 kg	3.7 to 7.0M
GTS-30(12M)	I ₂ H, I ₂ L, I ₃ P	30.0	12470mm	86.0 kg	3.7 to 7.6M
GTS-30(15M)	I ₂ H, I ₂ L, I ₃ P	30.0	15420mm	106.5 kg	4.6 to 8.2M
GTS-35(12M)	I ₂ H, I ₂ L, I ₃ P	35.0	12470mm	86.0 kg	3.7 to 7.6M
GTS-35(15M)	I ₂ H, I ₂ L, I ₃ P	35.0	15420mm	106.5 kg	4.6 to 8.2M
GTS-40(12M)	I ₂ H, I ₂ L, I ₃ P	40.0	12470mm	86.0 kg	4.6 to 9.2M
GTS-40(15M)	I ₂ H, I ₂ L, I ₃ P	40.0	15420mm	106.5 kg	4.9 to 12.2M
GTS-40(18M)	I ₂ H, I ₂ L, I ₃ P	40.0	18365mm	120.0 kg	4.9 to 12.2M
GTS-45(12M)	I ₂ H, I ₂ L, I ₃ P	45.0	12470mm	86.0 kg	4.6 to 9.2M
GTS-45(15M)	I ₂ H, I ₂ L, I ₃ P	45.0	15420mm	106.5 kg	4.9 to 12.2M
GTS-45(18M)	I ₂ H, I ₂ L, I ₃ P	45.0	18365mm	120.0 kg	4.9 to 12.2M
GTS-50(12M)	I ₂ H, I ₂ L, I ₃ P	50.0	18365mm	120.0 kg	4.6 to 9.2M
GTS-50(15M)	I ₂ H, I ₂ L, I ₃ P	50.0	15420mm	106.5 kg	4.9 to 12.2M
GTS-50(18M)	I ₂ H, I ₂ L, I ₃ P	50.0	18365mm	120.0 kg	4.9 to 12.2M
GTS-55(15M)	I ₂ H, I ₂ L, I ₃ P	55.0	15420mm	106.5 kg	4.9 to 12.2M
GTS-55(18M)	I ₂ H, I ₂ L, I ₃ P	55.0	18365mm	120.0 kg	4.9 to 12.2M
GTS-55(21M)	I ₂ H, I ₂ L, I ₃ P	55.0	21335mm	136.0 kg	5.8 to 13.5M
GTS-60(15M)	I ₂ H, I ₂ L, I ₃ P	60.0	15420mm	106.5 kg	5.5 to 12.2M
GTS-60(18M)	I ₂ H, I ₂ L, I ₃ P	60.0	18365mm	120.0 kg	5.5 to 12.2M
GTS-60(21M)	I ₂ H, I ₂ L, I ₃ P	60.0	21335mm	136.0 kg	5.8 to 12.8M

* Specify gas type. ** Recommended mounting heights are provided as a guideline. Actual conditions may dictate variations from the above data.

GTS CLEARANCES TO COMBUSTIBLES (mm)

MODEL NO.	MOUNTING ANGLE	SIDE			
		FRONT	BEHIND	TOP	BELOW
GTS 15	0°	230	230	150	1190
	45°	990	200	250	1190
W/1 Side Shield	0°	740	200	150	1190
	0°	230	230	150	1190
6096mm from Burner	0°	180	180	150	760
GTS 20	0°	230	230	150	1520
	45°	990	200	250	1520
W/1 Side Shield	0°	740	200	150	1520
	0°	230	230	150	1520
6096mm from Burner	0°	180	180	150	760
GTS 25, GTS 30	0°	360	360	150	1680
	45°	990	200	200	1680
W/1 Side Shield	0°	740	200	150	1680
	0°	410	410	150	1680
6096mm from Burner	0°	180	180	150	760
GTS 35	0°	510	510	150	1930
	45°	1470	200	200	1930
W/1 Side Shield	0°	1070	200	150	1930
	0°	510	510	150	1930
6096mm from Burner	0°	180	180	150	760
GTS 40, GTS 45	0°	610	610	150	2060
	45°	1470	200	200	2060
W/1 Side Shield	0°	1070	200	150	2060
	0°	580	580	150	2060
6096mm from Burner	0°	280	280	150	1120
GTS 50	0°	860	860	150	2340
	45°	1600	200	250	2340
W/1 Side Shield	0°	1270	200	150	2340
	0°	760	760	150	2340
6096mm from Burner	0°	280	280	150	1120
GTS 55, GTS 60	0°	1040	1040	150	2390
	45°	1600	200	250	2390
W/1 Side Shield	0°	1370	200	150	2390
	0°	760	760	150	2390
6096mm from Burner	0°	280	280	150	1120

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



0° Mounting Angle

45° Mounting Angle

0° W/ 1 Side Shield

0° W/ 2 Side Shields

