



(440) 754-5555

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12555 Merritt Road Chardon, OH 44024

REPLACEMENT OF RADIANT TUBE HEATER SYSTEM IN BUS GARAGE

ITB # G04

Questions and Answers

Date: August 20, 2024

Jack McGranahan, Manufacturer's Rep. for Roberts Gordon in NE Ohio, from McGranahan Associates reached out to say: "Regarding this Geauga Transit Garage our 20' long Gordonray Systems are most likely 80,000 BTUs each and the 60' long systems are either 150,000, 175,000 or 200,000 BTUs each. There is a label/tag on each burner which would list the BTUs. The 40,000 and 60,000 BTU burners mentioned in the questions would be too small for these length heaters plus they would not heat the Garage properly at all."

His contact information:

Jack McGranahan

McGranahan Associates Inc.

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Cell 216 440 8448

jack@mcgranahanassociates.com

Please note, Laketran is including this information as we think it may help bidders. Laketran/Geauga Transit does not require Gordonray Systems to be bid. However, any other system must meet the minimum specifications and be equivalent in use and output.

Q1. Does this job require a bid bond?

A1. No. No bonding required.

Q2. Do you have an engineer's estimate?

A2. There is no engineer's estimate.

Q3. Four 20ft infrared heaters – What are the BTU's per unit?

A3. 40,000. See Picture Below. If not sufficient, please schedule onsite visit with JoAnna Santilli at jsantilli@geaugatransit.com / 440-754-5550

Q4. Two 60ft infrared heaters - What are the BTU's per unit?

A4. 60,000. See Picture Below. If not sufficient, please schedule onsite visit with JoAnna Santilli at jsantilli@geaugatransit.com / 440-754-5550

Q5. Disconnect, remove and dispose of the existing radiant tube and hangers. – Existing tubing all hot rolled steel, aluminized steel, or stainless steel?

A5. See Picture Below. If not sufficient, please schedule onsite visit with JoAnna Santilli at jsantilli@geaugatransit.com / 440-754-5550

Q6. Reconnect new thermostat to existing control wiring – 120V or 24V controls? One thermostat per unit?

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A6. 120V, 60HZ single phase. See Picture Below. If not sufficient, please schedule onsite visit with JoAnna Santilli at jsantilli@geaugatransit.com / 440-754-5550

Q7. Reconfigure flue vent piping for the new system

Q7a. All rooftop venting?

A7a.Yes

Q7b.Any commonly vented units?

A7b.No

Q8. Lastly, the BH series is Robert Gordons economy line. These do not include Pre/Post Purge which helps prevent corrosion and tube rusting (as shown on the project pictures), and they only have a 3-year limited warranty.

A8. As this is a bid, the contractors are evaluated on price. However, contractors have the option to submit an alternate proposal with supporting documentation that describes why the proposal is advantageous to Geauga Transit. Review Section 1.18 of the ITB document.

► Section 15. General Specifications

General Specifications for BH-Series heaters are as follows:

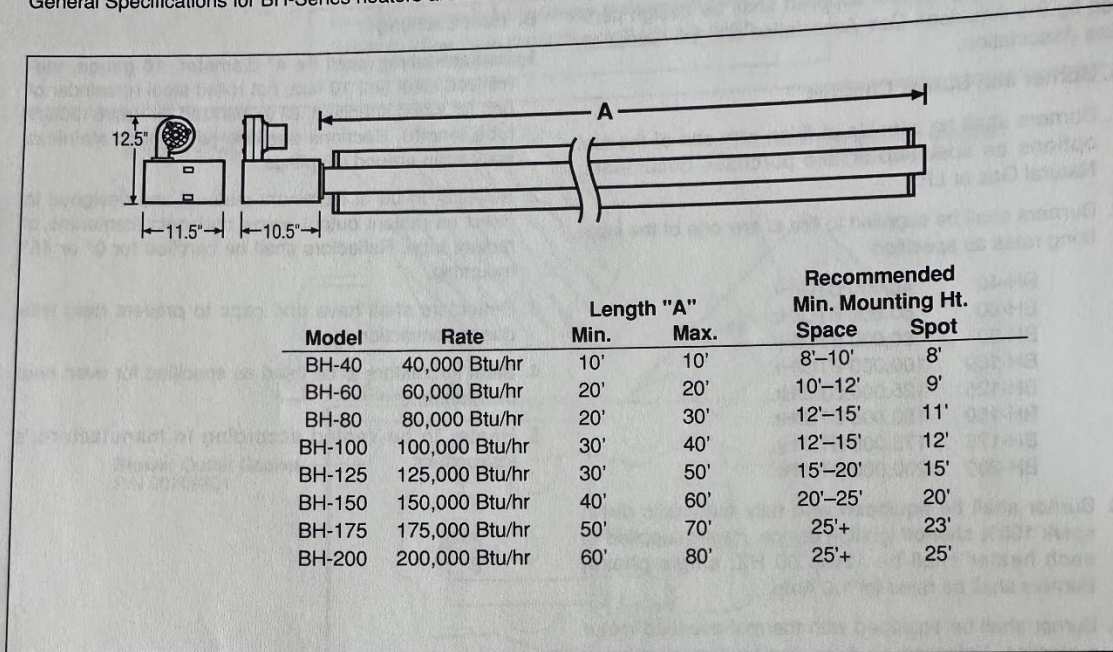


Figure 35. BH-Series Specifications

Gas Pressure at Manifold:

Natural Gas: 3.5" W.C.
LP Gas: 10.5" W.C.

1/2" NPT (for BH-40, -60, -80, -100, & -125)
 3/4" NPT (for BH-150, -175 & -200)

Gas Inlet Pressure:

Natural Gas: 4.6" W.C. Minimum 14.0" Maximum
 5.0" W.C. Minimum for BH-175, BH-200
LP Gas: 11.0" W.C. Minimum 14.0" Maximum

Electrical Rating: (All Models)

120V- 60 Hz., 1.0 Amp

Dimensions:

Vent Connection Size: 4" (10 cm)
 Outside Air Connection Size: 4" (10 cm)
 Refer to figure above for dimensional information.