Submittal

Inspections Division
Date: 12/28/16

Prepared For:
Riverside Mechanical

Date: *November 08, 2016*

Customer P.O. Number:
Customer Project Number:

Job Number:
Job Name:
Tire Warehouse - Portland

Trane U.S. Inc. dba Trane is pleased to provide the enclosed submittal for your review and approval.

Product Summary

Qty	Product
1	Indoor Gas Heating Products

The attached information describes the equipment we propose to furnish for this project, and is submitted for your approval.

Dan Broderick
Trane
860 Spring Street, Unit #1
Westbrook, ME 04092-3824
Phone: (207) 828-1777
Cell:
Fax: (207) 828-1511

Inspections Division
Date: 12/28/16

Tag Data - Indoor Gas Heating Products (Qty: 1)

Item	Tag(s)	Qty	Description	Model Number
A1	UH-1	1	Indoor Gas Heating Products	GHPE010ATA10000-----000#

Product Data - Indoor Gas Heating Products

Item: A1 Qty: 1 Tag(s): UH-1

High efficiency propeller fan gas unit heater
LP gas (propane)
100 MBH input/83 MBH output
115/60/1 main power supply
Single stage, direct spark ignition
First design
Aluminized steel heat exchanger
Open Drip Proof (ODP)
1st Year Labor Warranty Whole Unit

Inspections Division
Date: 12/28/16

Mechanical Specifications - Indoor Gas Heating Products
Item: A1 Qty: 1 Tag(s): UH-1

General - Propeller Fan Unit
Unit is completely factory assembled, piped, wired, and test fired. Unit is ETL Certified, and conforms with the latest ANSI Z83.8/CSA 2.6 Standards for safe and efficient performance. Unit is provided with two point suspension hangers.

Casing - A, B, C, H, K & P
Casing is die-formed, 20 gauge [1.0 mm] cold rolled steel and finished in baked enamel. The bottom panel is easily removed to provide service access to the burners, direct spark ignition and orifices. Unit provided with independently adjustable horizontal louvers with stops to prevent total closure.

Tubular Heat Exchanger-Aluminized steel
Heat exchanger construction consists of 20 gauge aluminized steel tubes. Tubes shall be of a curved, non-welded serpentine design. Unit shall have a minimum of 82% thermal efficiency.

Flue Collector- Aluminized steel
Flue Collector construction is corrosion resistant aluminized steel.

Burners - 409 Stainless
Burners shall be of the "in-shot" design constructed of corrosion resistant aluminized steel.

Flue Vent Fan
Flue vent fan provides power venting. Provided factory assembled to a sealed flue collection chamber. A combustion air pressure switch is provided as standard to verify proper powered vent flow prior to allowing the gas valve to operate.

Fan - Propeller
Fan blades are constructed of aluminum with an aerodynamic contour. All fans are dynamically balanced for quiet, efficient operation and supplied with a protective type fan guard. Rubber-in-shear isolators provide isolation between the fan/motor combination and the unit heater casing.

Unit-115 volt
Unit shall be 115 volt, 60 hertz, single phase

Motor-ODP
Motor is open drip proof with built in thermal overload protection.

Control - Separated Combustion/Hi-Eff Unit Heater
A factory installed junction box is provided for all power connections. Standard unit is provided with a 24-volt combination single-stage redundant gas valve, consisting of a combination, automatic electric gas valve, pressure regulator, and manual shutoff. A flue vent fan relay and combustion air proving switch is also provided. Equipment includes direct spark-ignition with electronic flame supervision. A 24-volt control transformer, high limit and fan time delay relay are provided. The fan time delay relay delays the fan start until the heat exchanger reaches a predetermined temperature. It also allows the fan to operate after burner shutdown, removing residual heat from the heat exchanger.

Unit Dimensions - Indoor Gas Heating Products
Item: A1 Qty: 1 Tag(s): UH-1

Inspections Division
Date: 12/28/16

CLEARANCE	SIDE	TOP	BTM	CTL/BOX	FAN	FLUE
GH	6"	6"	12"	18"	18"	6"

MBH	WEIGHT
100	133.0 lb

FRONT

BACK

RIGHT

TOP