The TRANE Company

2021 Cameron Avenue, **La Crosse, Wisconsin**

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MANUFACTURERS OF HEATING, COOLING AND AIR CONDITIONING EQUIPMENT

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TRANE PRODUCTS

• Convectors • Blast Coils • Booster Coils • Water Cooling Coils • Direct Expansion Coils • Projection Heaters • Unit Heaters • Unit Coolers • Unit Ventilators • Air Conditioners • Humidifiers • Evaporative Condensers • Railroad Air Conditioners • Sub Coolers • Product Coolers • Air Washers • Pumps • Heating Specialities

TRANE DATA FOR ARCHITECTS AND ENGINEERS

Material is in bulletin form, 8½ in. x 11 in. size, carefully arranged and profusely illustrated for convenient reference.

Bulletin 290—**Trane Products.**
The complete Trane line of Heating, Cooling, and Air Conditioning equipment at a glance. Capacity ranges indicated. Includes index to all Trane bulletins. 16 pages.

Bulletin 110—**Trane Convectors.**
A general bulletin of Convector application information. Design and construction. Typical installations. 24 pages.

Bulletin V205—**Technical Data on Trane Convectors.**
Models. Designs. Applications to vapor, vacuum, hot water, and one-pipe steam systems. Installation details. Piping connections. Specifications. Roughing-in dimensions. Capacities. 28 pages.

Bulletin 284—**Trane Projection Unit Heaters.**

Bulletin 294—**Trane Multiple Projection Heaters.**
Revolutionary new draw-through propeller type unit heaters. Construction. Features. Advantages. Trane patented Temperature Equalizing System illustrated and described. Examples of fuel saving. Roughing-in dimensions and capacities. Each Bulletin 8 pages.

Bulletin 284 covers single fan units.

Bulletin 294 covers two and three fan units.

Bulletin 75—**Torridor Unit Heater Bulletin.**
Complete description. Operation. Range of sizes. Capacities. Wiring diagrams. Piping details. Application suggestions. Selection data. Roughing-in dimensions. Specifications. 24 pages.

Bulletin 85—**Trane Propeller Type Cradle Coil Unit Heaters.**
Where and how to use. Explanation of Cradle Coil and Floor-Line-Spread. Data on over sixty sizes. How to figure special capacities. Control details. Piping and wiring diagrams. Roughing-in dimensions. Capacities. 16 pages.

Bulletin V260—**Trane Heating Specialties.**
Construction and operation of traps, valves, vents, and specialties for heating systems and industrial applications. Technical data. Pipe sizing details. Application suggestions. Roughing-in dimensions. Weights. Capacities. 36 pages.

Bulletin V235—**Trane Air Conditioners.**
DeLuxe, Hotel and Office, and Commercial Air Conditioners completely and simply described. General information on Trane Evaporative Condensers. Operating features explained. 16 pages.

Bulletin V234—**Technical Data: Commercial Air Conditioners.**
36 pages.

Bulletin V271—
Technical Data: DeLuxe Floor Model Air Conditioner, 16 pages.

Bulletin V241—**Hotel and Office Air Conditioner.**
12 pages.
The above technical air conditioning bulletins contain control, duct work details, application suggestions, specifications, roughing-in dimensions and capacities, in addition to valuable general air conditioning data.

Bulletin 230—**Trane Climate Changers.**
Data on year around air conditioners for residences and small buildings. Construction details. Control data. Installation suggestions. Data on Split System. Roughing-in dimensions. Capacities. 8 pages.

Bulletin V239—**Trane Air Conditioning Installations.**
A host of outstanding Trane Air Conditioning installations. 20 pages.

Bulletin 285—**Trane Type "X" Comfort Cooler.**
A unit especially designed for applications where water is used as a refrigerant. For small and medium size jobs. Features and operation. Installation suggestions. Roughing-in dimensions. Capacities. 2 pages.

Bulletin 42—**Trane Evaporative Condensers.**
Where and why used. Operation features. Construction details. Dimension and capacity data. 4 pages.

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Advantages. How they operate. Construction data. Installation and maintenance information. Use of capacity tables. Essential cooling data. Specifications. Roughing-in dimensions. Capacities. 12 pages.

Bulletin 152—**Trane Extended Surface Heating Coils.**
Construction features. Heating surface and air friction tables. Selection guide. Temperature rise chart. Piping and installation details for high and low pressure systems. Methods of applying automatic temperature control. Pipe sizes and details. Performance data. Specifications. Roughing-in dimensions. Capacities. 40 pages.

Bulletin 172—**Trane Direct Expansion Cooling Coils.**
Complete, accurate data on direct expansion cooling. Design. Selection. Piping details. Header arrangements. Properties of air and water mixtures. Heat content of air data. Trane psychrometric chart. Refrigeration pipe sizes. Roughing-in dimensions. Capacities. 28 pages.

Bulletin 182—**Water Cooling and Heating Coils.**
Applications of water cooling with examples. Comparative operating cost charts. Coil construction. Heat content of air data. Properties of air and water mixtures. Mean temperature differences. Piping details. Specifications. Roughing-in dimensions. Capacities. 32 pages.

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Supplement to Bulletin 182. Information about Trane Type "S" Coils. Roughing-in dimensions. 4 pages.

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Description of the Trane Unit Ventilator for schoolroom heating and ventilating. Also larger capacity Air-O-Vent described. Operating cycles and features. 8 pages.

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How to figure radiation without the aid of tables. Practical examples. Written for the layman. 4 pages.

Controls, by C. L. Ringquist.
Series of articles assembled in bulletin form. Thorough technical discussion of controls for every phase of air conditioning. Complete tables and engineering examples. Drawings show operation of each control system.

Articles, by William Goodman.
Reprints of published articles covering interesting points in air conditioning. (1) "Air Conditioning Problems Solved by Spray Water—Air Chart." (2) "How to Avoid Trouble on Cooling Jobs With Evaporators Above Condenser." (3) "Pumping Head on Air Conditioning Systems Reduced by Using Siphon." (4) "Solving the Four Types of Process Air Conditioning Problems." (5) "How to Solve Heat Transfer Problems." (6) "Dehumidification of Air With Coils." (7) "New Uses for the Psychrometric Chart in Simplifying Air Conditioning Problems."