

# Trane XL80 Furnace Manual

## Gas Furnace – Induced Draft – Two Stage Heat

|                |                |                                  |                |                |
|----------------|----------------|----------------------------------|----------------|----------------|
| <b>Models:</b> | *UD2A040A9242A | *UD2A060A9362A                   | *UD2B060A9362A | *UD2B080A9362A |
|                | *UD2B080A9482A | *UD2B100A9362A                   | *UD2C100A9482A | *UD2C100A9602A |
|                | *UD2D100A9602A | *UD2C120A9542A                   | *UD2D120A9602A | *UD2D140A9602A |
|                | *DD2A040A9242A | *DD2A060A9362A                   | *DD2B060A9362A | *DD2B080A9362A |
|                | *DD2B100A9482A | *DD2C100A9482A                   | *DD2C100A9602A | *DD2D120A9602A |
|                | *DD2D140A9602A | * First letter may be "A" or "T" |                |                |

**IMPORTANT** — This document contains a wiring diagram and service information. This is customer property and is to remain with this unit. Please return to service information pack upon completion of work.

## **WARNING** DISCONNECT POWER BEFORE SERVICING

### PRODUCT SPECIFICATIONS

| MODEL                                                                                                                | *UD2A040A9242A            | *UD2A060A9362A            | *UD2B060A9362A            | *UD2B080A9362A            |
|----------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| TYPE                                                                                                                 | Upflow / Horizontal       | Upflow / Horizontal       | Upflow / Horizontal       | Upflow / Horizontal       |
| <b>RATINGS</b>                      |                           |                           |                           |                           |
| 1st Stage Input (BTUH)                                                                                               | 25,000                    | 35,000                    | 35,000                    | 52,000                    |
| 1st Stage Capacity (BTUH) (ACS)     | 25,000                    | 31,200                    | 31,200                    | 41,600                    |
| 2nd Stage Input (BTUH)                                                                                               | 40,000                    | 60,000                    | 60,000                    | 80,000                    |
| 2nd Stage Capacity (BTUH) (ACS)     | 32,000                    | 47,000                    | 47,000                    | 63,000                    |
| Temp. rise (Rise, Max.) °F.                                                                                          | 30 - 60                   | 30 - 60                   | 30 - 60                   | 30 - 60                   |
| <b>BLOWER DRIVE</b>                                                                                                  | ODIRECT                   | ODIRECT                   | ODIRECT                   | ODIRECT                   |
| Diameter - Width (in.)                                                                                               | 10 x 6                    | 10 x 6**                  | 10 x 6**                  | 10 x 7                    |
| No. Speeds                                                                                                           | 1                         | 1                         | 1                         | 1                         |
| Speeds (Rpm.)                                                                                                        | 4                         | 4                         | 4                         | 4                         |
| CFM vs. In. wg.                                                                                                      | See Fan Performance Table | See Fan Performance Table | See Fan Performance Table | See Fan Performance Table |
| Motor HP                                                                                                             | 1/5                       | 1/5                       | 1/5                       | 1/5                       |
| ECFM                                                                                                                 | 1080                      | 1675                      | 1675                      | 115/160                   |
| Volts / Ph / Hz                                                                                                      | 115/160                   | 115/160                   | 115/160                   | 115/160                   |
| <b>COMBUSTION FAN</b> — Type                                                                                         | Centrifugal               | Centrifugal               | Centrifugal               | Centrifugal               |
| Drive - No. Speeds                                                                                                   | Direct - 2                | Direct - 2                | Direct - 2                | Direct - 2                |
| Motor HP - CFM                                                                                                       | 1/100 - 2543/1127         | 1/100 - 2543/1127         | 1/100 - 2543/1127         | 1/100 - 2543/1127         |
| Volts / Ph / Hz                                                                                                      | 115/160                   | 115/160                   | 115/160                   | 115/160                   |
| FLA                                                                                                                  | 70/40                     | 70/40                     | 70/40                     | 70/40                     |
| <b>FILTER</b> — Furnished?                                                                                           | No                        | No                        | No                        | No                        |
| Type Recommended                                                                                                     | High Velocity             | High Velocity             | High Velocity             | High Velocity             |
| Ht. Vel. (No./Sq. Ft.)                                                                                               | 1 - 17x25 - 5in.          | 1 - 17x25 - 5in.          | 1 - 17x25 - 5in.          | 1 - 17x25 - 5in.          |
| <b>VENT</b> — Size (in.)                                                                                             | 4 Round                   | 4 Round                   | 4 Round                   | 4 Round                   |
| <b>HEAT EXCHANGER</b>                                                                                                |                           |                           |                           |                           |
| Type - First                                                                                                         | Alum. Steel               | Alum. Steel               | Alum. Steel               | Alum. Steel               |
| — Unfired                                                                                                            |                           |                           |                           |                           |
| Coil (Rounds)                                                                                                        | 20                        | 20                        | 20                        | 20                        |
| <b>COILS/CS</b> — Main                                                                                               |                           |                           |                           |                           |
| Nat. Gas. Qty. — Orif. Size                                                                                          | 2 — 45                    | 3 — 45                    | 3 — 45                    | 4 — 45                    |
| L.P. Gas. Qty. — Orif. Size                                                                                          | 2 — 56                    | 3 — 56                    | 3 — 56                    | 4 — 56                    |
| <b>GAS VALVE</b>                                                                                                     | Redundant - Two Stage     | Redundant - Two Stage     | Redundant - Two Stage     | Redundant - Two Stage     |
| <b>PILOT SAFETY DEVICE</b>                                                                                           |                           |                           |                           |                           |
| Type                                                                                                                 | Hot Surface Ignition      | Hot Surface Ignition      | Hot Surface Ignition      | Hot Surface Ignition      |
| <b>BURNERS</b> — Type                                                                                                | Multipoint Inshot         | Multipoint Inshot         | Multipoint Inshot         | Multipoint Inshot         |
| Number                                                                                                               | 2                         | 3                         | 3                         | 4                         |
| <b>POWER CONN.</b> — V / Ph / Hz  | 115/160                   | 115/160                   | 115/160                   | 115/160                   |
| Ampacity (In. Amps)                                                                                                  | 4.5                       | 8.2                       | 8.0                       | 8.2                       |
| Max. Breaker Size (Amps)                                                                                             | 15                        | 15                        | 15                        | 15                        |
| <b>PIPE CONN. SIZE (in.)</b>                                                                                         | 1/2                       | 1/2                       | 1/2                       | 1/2                       |
| <b>DIMENSIONS</b>                                                                                                    |                           |                           |                           |                           |
| Cased (in.)                                                                                                          | H x W x D                 | H x W x D                 | H x W x D                 | H x W x D                 |
|                                                                                                                      | 43-3/4 x 36-1/2 x 30-1/2  | 43-3/4 x 36-1/2 x 30-1/2  | 43-3/4 x 36-1/2 x 30-1/2  | 43-3/4 x 39-1/2 x 30-1/2  |
| <b>WEIGHT</b>                                                                                                        |                           |                           |                           |                           |
| Shipping (Elev.) / Net (Elev.)                                                                                       | 115 / 110                 | 127 / 118                 | 132 / 127                 | 142 / 132                 |

\*\*UD2B080A9362 was built with a 10 X 7 blower housing, however the 10 X 7 and 10 X 6 have identical airflow in this model.

 Central Furnace heating designs are certified to ANSI Z21.47 and CSA 2-3.

 For U.S. applications, above input ratings (BTUH) are up to 2,000 feet, denote 4% per 1,000 feet for elevations above 2,000 feet above sea level.

 For Canadian applications, above input ratings (BTUH) are up to 4,500 feet, denote 4% per 1,000 feet for elevations above 4,500 feet above sea level.

 Based on I.S. (government) standard tests.

 The above wiring specifications are in accordance with National Electrical Code; however, installations must comply with local codes.

**NOTICE:** Since the manufacturer has a policy of continuous product and product data improvement, it reserves the right to change design and specifications without notice.

UD2-2-SF-1D

# Trane Xl80 Furnace Manual

**Paul E. King**



## **Trane Xl80 Furnace Manual:**

**Trane Heating Manual** Trane Company of Canada, ltd,1958      **Trane Heating Manual** J. F. O'Neill,Trane Canada,19??      Progressive Furnace Heating Alfred G. King,2015-07-28 Excerpt from Progressive Furnace Heating A Practical Manual of Designing Estimating and Installing Modern Systems for Heating and Ventilating Buildings With Warm Air If you want to ventilate your room to warm it and open the bottom aperture you will succeed in both because the fresh air will be the warmest and will not stop until it comes in contact with the ceiling where spreading out in a level strata over the whole ceiling it will keep its relative position to the whole body until it reaches the bottom and passes out through the aperture If we want to ventilate our room to cool it we must let the air out at or near the top About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books Find more at [www.forgottenbooks.com](http://www.forgottenbooks.com) This book is a reproduction of an important historical work Forgotten Books uses state of the art technology to digitally reconstruct the work preserving the original format whilst repairing imperfections present in the aged copy In rare cases an imperfection in the original such as a blemish or missing page may be replicated in our edition We do however repair the vast majority of imperfections successfully any imperfections that remain are intentionally left to preserve the state of such historical works

**Installation & Operating Instruction Manual** Williams Furnace Company,1990      *Progressive Furnace Heating* Alfred G. King,2009-04 This historic book may have numerous typos and missing text Purchasers can usually download a free scanned copy of the original book without typos from the publisher Not indexed Not illustrated 1917 edition Excerpt 6 Columns for Discount on Purchases and Discount on Notes on the same side of the Cash Book c Columns for Discount on Sales and Cash Sales on the debit side of the Cash Book d Departmental columns in the Sales Book and in the Purchase Book Controlling Accounts The addition of special columns in books of original entry makes possible the keeping of Controlling Accounts The most common examples of such accounts are Accounts Receivable account and Accounts Payable account These summary accounts respectively displace individual customers and creditors accounts in the Ledger The customers accounts are then segregated in another book called the Sales Ledger or Customers Ledger while the creditors accounts are kept in the Purchase or Creditors Ledger The original Ledger now much reduced in size is called the General Ledger The Trial Balance now refers to the accounts in the General Ledger It is evident that the task of taking a Trial Balance is greatly simplified because so many fewer accounts are involved A Schedule of Accounts Receivable is then prepared consisting of the balances found in the Sales Ledger and its total must agree with the balance of the Accounts Receivable account shown in the Trial Balance A similar Schedule of Accounts Payable made up of all the balances in the Purchase Ledger is prepared and it must agree with the balance of the Accounts Payable account of the General Ledger The Balance Sheet In the more elementary part of the text the student learned how to prepare a Statement of Assets and Liabilities for the purpose of disclosing the net capital of an enterprise In the present chapter he was shown how to prepare a similar statement the

Balance Sheet For all practical      *The Furnace Work Manual* Sidney Paine Johnston,1895      **The Furnace Book** Paul E. King,2004-08-26 Installing a furnace may sound like a job that must be done by an expert You may be surprised to know that by following my simple instructions you can install your own furnace in no time Installing your own furnace has significant financial advantages You may be surprised that installing your own furnace can save you a tremendous amount of money Completing this task on your own can save you as much as 2500 00 This amount is an estimate since each furnace is different and some cost more than others do You can save even more possibly another 1500 00 if you install your own central air conditioning Installation manuals that come with the furnace are written for someone that does heating for a living usually very complicated without prior knowledge of the subject This handy book was designed for the first time furnace installer with the intention of guiding you through each step of the installation process Along the way of installing your new furnace Paul will be there for you with step by step how to instructions      **Manual for the Holland Furnace Man** Holland Furnace Company,Victor Walter Cherven,1920\*      *Installation and Service Manual for Oil Fired Forced Warm Air Furnace* Grimsby Stove and Furnace Limited,199?      **Heating and Cooling** Florencio Oscar García,1989-01-01

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web jun 6 2013 borescope inspection of honeywell 131 9 a apu at team europe ltd we have highly experienced and committed experts specialised in the borescope inspection field engines apu s utilising

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web 131 series the 131 9d initially was designed for the mcdonnell douglas md 90 series the 131 9b became standard equipment on boeing 737ng the 131 9a on the airbus a320 family the 131 9c has entered service aboard the airbus a220 formerly bombardier c series the 131 series uses a two stage axial turbine and a single generator which  
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