

Trane XL80 Furnace Manual

Gas Furnace – Induced Draft – Two Stage Heat

Models:	*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
RATINGS 				
1st Stage Input (BTUH)	26,000	36,000	36,000	52,000
1st Stage Capacity (BTUH) (ACS) 	26,000	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
BLOWER DRIVE	ODR/ECT	ODR/ECT	ODR/ECT	ODR/ECT
Diameter - Width (in.)	10 x 6	10 x 6**	10 x 6**	10 x 7
No. Speeds	1	1	1	1
Speeds (No.)	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
RPM	1080	1075	1075	1075
Volts / Ph / Hz	115/1/60	115/1/60	115/1/60	115/1/60
COMBUSTION FAN — Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Drive - No. Speeds	Direct - 2	Direct - 2	Direct - 2	Direct - 2
Motor HP - RPM	1/100 - 2543/1127	1/100 - 2543/1127	1/100 - 2543/1127	1/100 - 2543/1127
Volts / Ph / Hz	115/1/60	115/1/60	115/1/60	115/1/60
FLA	70/40	70/40	70/40	70/40
FILTER — 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.
VENT — Size (in.)	4 Round	4 Round	4 Round	4 Round
HEAT EXCHANGER				
Type - First	Alum. Steel	Alum. Steel	Alum. Steel	Alum. Steel
— Unfired				
Coil (First)	20	20	20	20
COILS/CS — 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
GAS VALVE	Redundant - Two Stage	Redundant - Two Stage	Redundant - Two Stage	Redundant - Two Stage
PILOT SAFETY DEVICE				
Type	Hot Surface Ignition	Hot Surface Ignition	Hot Surface Ignition	Hot Surface Ignition
BURNERS — Type	Multipoint Inshot	Multipoint Inshot	Multipoint Inshot	Multipoint Inshot
Number	2	3	3	4
POWER CONN. — V / Ph / Hz 	115/1/60	115/1/60	115/1/60	115/1/60
Ampacity (In. Amps)	4.5	8.2	8.0	8.2
Max. Breaker Size (Amps)	15	15	15	15
PIPE CONN. SIZE (in.)	1/2	1/2	1/2	1/2
DIMENSIONS				
Cased (in.)	H x W x D	H x W x D	H x W x D	H x W x D
	41-3/4 x 16-1/2 x 30-1/2	41-3/4 x 16-1/2 x 30-1/2	41-3/4 x 16-1/2 x 30-1/2	41-3/4 x 19-1/2 x 30-1/2
WEIGHT				
Shipping (Elev.) / Net (Elev.)	119 / 119	127 / 118	137 / 127	142 / 132

**UD2B060A9362 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 U.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

Trane Company of Canada, Ltd

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the company name.

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