

FURNACE

DATE: _____

REASON FOR SERVICE: _____

CUSTOMER: _____

CITY, STATE: _____

HOME PH: _____ WORK PH: _____

SUPPORT: DSS: _____

DEALER: _____

PH _____ FAX _____

TECHNICIAN: _____

EQUIPMENT: INSTALLATION DATE _____

	<u>Model</u>	<u>Serial Number</u>
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FURN. _____

COIL _____

HORIZONTAL YES NO IF YES, AIR OUTLET LEFT RIGHT

EAC HUMIDIFIER ZONING DUAL FUEL

FILTER: Size _____ Type _____

Condition: CLEAN DIRTY CLOGGED

T/STAT: Part # _____ Mfg. _____

Type: ELECTROMECHANICAL ELECTRONIC

SERVICE HISTORY: _____

ELECTRICAL: WIRE SIZE _____ BRKR. AMPS _____

VOLTS: **Blk to Wht** **Blk to Grn** **Wht to Grn** **Control**

NO LOAD _____ V _____ V _____ V _____ V

OPERATING _____ V _____ V _____ V _____ V

W/R IFC# _____ **FAULT FLASH** _____

IGN. _____ Ohms **IGN.** _____ Volts **FLAME CUR** _____ A

FUEL: NATURAL LP IF LP, QUANTITY IN TANK _____ %

GV PRESSURE: Line Manifold stg 1 Manifold stg 2

CLOSED _____ "wc

OPEN _____ "wc _____ "wc _____ "wc

AIRFLOW: ACTUAL CFM _____ ID MOTOR AMPS: _____

TEMP: (Steady State) **Inlet @ Blwr** **Outlet @ Coil** t

DRY BULB _____ F _____ F _____ F

V.S. SWITCHES: 1↓↑ 2↓↑ 3↓↑ 4↓↑ 5↓↑ 6↓↑ 7↓↑ 8↓↑

VENT: MAT'L: SINGLE WALL TYPE B PVC ABS

CHIMNEY OTHER _____

COMB. AIR: **Furnace Located in:** UNCONFINED SPACE

CONFINED SPACE Source _____

PRESSURE SWITCH: IND ONLY _____ "wc IND+GV _____ "wc

IND+GV+ID FAN 1stg _____ "wc IND+GV+ID BLW 2stg _____ "wc

OBSERVATION/DIAGNOSIS _____

ELECTRICAL: GROUNDING: Brnr to GRD _____ Ohms

Flame Sensor to GRD _____ Ohms Fuse _____ V

T*STAT: WIRE SIZE _____ AWG WIRE LGTH _____ ft

R to W _____ Amps **TRANS:** Line Blk to R _____ Volts

IFC: TH to TR _____ V G to B/C _____ V R to BK _____ V

Call for Htg: P/S1 to HL1 _____ V IGN to IGN-N _____ V

MVH to C _____ V MVL to C _____ V **Switch Set:** 1↓↑ 2↓↑ 3↓↑

VS Brd: Jump "G" IN to "G" OUT @ IFC, Mtr On YES NO

INDUCER: 1st stg _____ A 2nd stg _____ A TCO-B _____ V

Var Spd: Pin 11 to 12 _____ V Pin 2 to 3 _____ V W3 to B/C _____ HZ

ID MTR: PSC Htg Spd _____ A Clg Spd _____ A

Var Spd Y to O Jump YES NO "Y" LED ON YES NO

"YLO" LED ON YES NO "BK" LED ON YES NO

LINE: Pin 4 to 5 _____ V Molex Jumper 1 & 2 YES NO

LOW V: Pin 1/3 to 12/15 _____ V Jump R to G, Mtr On YES NO

FUEL: GV# _____ **PIPE: SIZE** _____ in. **LENGTH** _____ ft.

TYPE Black Copper CSST Other _____

FLAME: IMPINGMENT YES NO COLOR _____

AIRFLOW: STATIC PRES. SA _____ "wc **RA** _____ "wc

TEMPS. LONGEST RUN/SUPPLY _____ F SHORTEST _____ F

IF R/A IS DUCTED, GRILLE INLET _____ F CFM FLSH CD _____

OF REGISTERS: _____ 16X6 _____ 14X8 _____ 14X6 _____ 12X6
_____ 10X6 _____ 8X4 OR _____

VENT: SIZE _____ in LENGTH _____ ft #45 _____ #90 _____

RADIUS LONG SHORT **TERMINIATION:** ROOF WALL

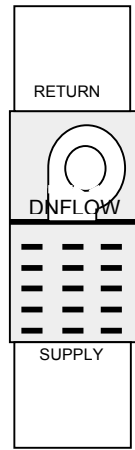
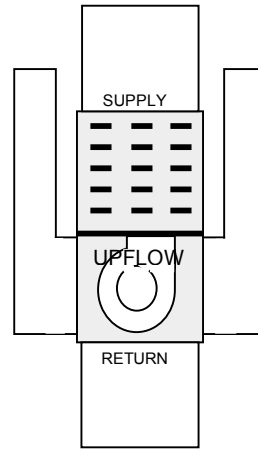
KIT USED? YES NO IF YES, PART # _____

DIFFERENTIAL P/S	Cold	Start
COMBUSTION BOX	_____ "wc	_____ "wc
COLD HEADER	_____ "wc	_____ "wc

COMB AIR: IF NOT DIRECT VENT, LOCATION _____

IF APPL. IN CONFINED SPACE, SIZE _____

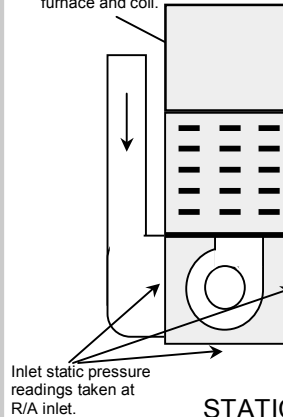
VENTING: MORE THAN 1 APPL? YES NO IF YES, USE THE SCHEMATIC COMMON VENTING TO SKETCH DETAILS.



Indicate the supply and return duct orientation by placing an "X" on the sections used. Record the OD duct dimensions and distances from the first duct transition. Indicate the location of the filter, if outside of the furnace, by drawing a single heavy line.

DUCTWORK INFORMATION

Outlet static pressure reading taken between the furnace and coil.

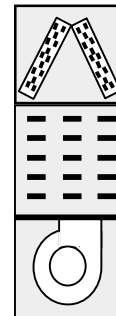


- STATIC PRESSURE READING POINTERS**
1. Take multiple readings at inlet and outlet to determine qualitative data.
 2. Keep pitot tube square with the airflow.
 3. Do not include after-market filters in the inlet data.
 4. The evaporative coil is not part of any external static pressure reading.

READINGS: SUP AIR _____

R/A AIR _____

STATIC PRESSURE READINGS



Use this space to sketch the location of other appliances and use the single line method to sketch the arrangement, connections, and sizes of the common vent connector and chimney (flue stack). Indicate the BTUH input of the additional appliances.

COMMON VENTING