

PRODUCTION CHANGES

DECEMBER 1982: DTHS & DTH SERIES STARTED
(SERIAL # 001 - 2652)

All **DTHS** straight tube heaters required one pressure switch (TP-61 Dwyer). All **DTH** “U” tubes required both TP-60 exhaust & TP-61 burner pressure switch (Dwyer). The fan assembly was the old style.

FEBRUARY 1988: -2 & -3 SERIES STARTED.
(SERIAL #2653)

The **DTHS-2** series (40,000 - 100,000 BTU) required 2 pressure switches (TP-60C exhaust P.S. & TP-61B burner P.S.) The fan blower (new style) also required a different wheel configuration. The -3 series (125,000 & 150,000 BTU) required TP-60D exhaust & TP-61B burner pressure switches.

SEPTEMBER 1990: NEW STYLE REFLECTORS STARTED. (SERIAL #6418)

The suspension hanger (BR-4HGR) was modified to incorporate new style reflector.

OCTOBER 1991: -4 SERIES STARTED (3” DIAM. TUBES)
(SERIAL #8013)

The -4 series (**DBS/DBU & DTHS/DTH**) were available in BTU’S of 40,000 or 25,000 and used a TP-75 gas valve and a TP-78A circuit control in a 3” diameter tube.

NOVEMBER 1993: 2-STAGE SERIES (HL) STARTED
(SERIAL #11097)

The **HL** 2-Stage heater was available with the original Mark 17X-24 circuit board.

DECEMBER 1993: DX SERIES STARTED
(SERIAL #11445)

The **DX** series was available from 50,000 - 200,000 BTU.

FEBRUARY 1995: INSTALLATION OF FLAME RODS
(SERIAL #14087)

Flame rods were production installed in the HL series effective February 22, 1995 serial #14087. Flame rods for the DX series started March 13, 1995 effective serial #14097. Please note that most of the HL & DX heaters prior to these serial #'s have had flame rods installed in the field by a contractor, a distributor or the factory.

SEPTEMBER 1995: HL & DX PRESSURE SWITCH TP-60H
(APPROX. SERIAL #14546)

The TP-60H pressure switch started on **DX & HL** models **only** effective serial #14546 (approx.). The TP-60H is a direct replacement for the TP-60C & TP-60D installed on the **DX & HL** series prior to September 1995.

SEPTEMBER 1995: HL MARK 17U-24 CIRCUIT CONTROL
(APPROX. SERIAL #14546)

The Mark 17U-24 circuit board started in production in September of 1995, serial #14546 (approx.).

JULY 1996: 32,000 BTU -4 SERIES
(APPROX. SERIAL #16255)

Production started on a new 32,000 BTU heater (DBS/DTHS-4 series, 3" tube) available in 15' length.

AUGUST 1996: HL/DX PRESSURE SWITCH SETTINGS
(APPROX. SERIAL #16296)

Burner pressure switch settings for **HL/DX** series were changed. See service bulletin #7.

SEPTEMBER 1996: HL & DX PROPANE MAIN BURNER
(APPROX. SERIAL #16406)

A redesigned **HL/DX** main burner is now being utilized in propane units of 100,000 BTU or lower.

NOVEMBER 1996: MICRO-60 BOARDS AVAILABLE
(SERIAL #17217)

Micro-60 boards were available for the HL series at customer request **only**.

MARCH 1997: INDICATOR LIGHTS (DX & DBS)
(APPROX. SERIAL #18500)

Pressure switch indicator lights are now being installed on all **DBS & DX** models. Included with this change is the relocation of the circuit control to the fan compartment.

JANUARY 1998: ALTERNATE DBS/DTHS-4 BLOWER MOTOR
(APPROX. SERIAL #20000)

Intake air collar does not change with the new fan change.

**MARCH 1998: REDESIGNED DX CENTRE DIVIDER &
TERMINAL BLOCK**
(SERIAL #20319)

The **DX** centre divider redesign incorporates alternate pressure switch mountings. The switches remain the same (TP-61D & TP-60H) but the P.S. mounting bracket rotates 90 degrees. All wiring is threaded through one common star grommet.

A Terminal block replaces close-end connectors on circuit board end panel.

OCTOBER 1999:

The **DX/HL** models with inputs of 125,000 and 150,000 for natural and propane have increased the burner pressure switch set-point to .2 inches W.C. from .1 W.C.

The air inlet collar on the HL 150,000 BTUh input was changed to: -
NATURAL GAS - 1 5/8 IN.
PROPANE GAS - 1 3/4 IN.

JANUARY 2000:

(APPROX. SERIAL #23403)

The Micro-60 self diagnostic circuit control became standard on all **HL** models.

Also the “**HD**” (High Demand) 2-STAGE series was introduced.

MARCH 2000:

(APPROX. SERIAL #24693)

The “**DU**” board became standard on all DX models.

APRIL 2000:

The new style sectional baffle (TP-65A) was introduced on 4” models.

MAY 2000:

Production of the “**SE**” (Direct Spark) economy heater began.

AUGUST 2000:

The new style “**AG1**” & “**AG2**” agriculture heaters were introduced.

OCTOBER 2000:

The new style sectional baffle (DB-65G) was introduced for the 3" heaters.

MARCH 2001:

(SERIAL # 27234)

The DBS & DTHS-4 series incorporated a new board Mark 17DX-117 (TP-78DX) in place of the Mark 17X-117 (TP-78A). Field conversions from TP-78A to TP-78DX require an adapter card (TP-AC).

MAY 2001:

Production started on new 3" diameter **LS** (Single-Stage) & **LD** (Two-Stage) series heaters. **LSA & LDA** are the agriculture models.

OCTOBER 2001:

The new style Honeywell pressure switches are being phased into production to replace the Tridelta switches on most models.

SEPTEMBER 2002:

Production of the 3" DBS-4 & DTHS-4 series was discontinued & replaced with the **LS** (single stage 3") & **LD** (2-stage 3") series for residential & commercial applications. **LSA & LDA** are the agriculture models.

The DRV vacuum system was discontinued and the **HLV** (multiple burner, 2-stage, condensing or non-condensing) & **SV** (single burner, single stage) vacuum systems were introduced.

MAY 2003:

The **ST** series – 2-stage, direct spark, economy heater was introduced.

JUNE 2003:

(SERIAL #31111)

The new style **AG1-2 & AG2-2** agriculture series were started, incorporating a single burner pressure switch only, instead of a 2 pressure switch system.

NOVEMBER 2004:

Production began on the “**C SERIES**” Low Clearance heaters.

APRIL 2005:

(SERIAL #34037)

Production began on the new single pressure switch models, **HL-2 & DX-2**.

JULY 2005:

The use of Type 1 hoses for the tube heater installations began for the province of Saskatchewan, ½” for up to 125,000 BTU & ¾” for 150,000 – 200,000 BTU.

DECEMBER 2005:

Type 1 hoses were shipped with tube heaters for the remaining provinces.

SEPTEMBER 2006:

The new style generic 16” tube was phased in for most 4” models.

MARCH 2007:

The **HD** (High Demand) series was discontinued.

AUGUST 2007:
(SERIAL #38424)

The substitution of the 2-stage Gemini Valve for the HL-75N (36E96-224) began on **N.G.** HL heaters only. Propane heaters remain HL-75P (36E96-226) until stock is depleted.

DECEMBER 2007:

The substitution of the Honeywell single stage valve began, to replace the original TP-75N & TP-75P (White Roger's #36E36A-246 & 36E36A-240).

SEPTEMBER 2008:

The PH series (Patio Heater) was introduced.

JANUARY 2010:
(SERIAL #42145)

The SE-2 series incorporated a new 2-prong electrode (TP-3055) & circuit board (TP-3051) to replace the original 3-prong electrode (SE-E) & circuit board (SE-CC). Parts are **not** interchangeable, so please make sure of model & serial number before ordering replacement parts.

JANUARY 2011:

-New serial number format:

(2) year / (2) month / (4) vendor / (5) shipper# / (4) quantity#

Example: 0612 BRAN 12345 0001

-Part numbers now can be cross referenced to suit Detroit Radiant Products listed part numbers on website.

SEPTEMBER 2011:

The V3 series was made available in Canada, only in DX3 and HL3.
The SW series was made available in Canada.

JANUARY 2012:

The QT and AV series was made available in Canada.

FEBRUARY 2012:

BAH Series heaters are now available in black body paint, and will become standard once brown bodies are completely sold out from old remaining stock. New quartz glass supplier after existing supplier discontinued the product.

JULY 2012:

- 480v BAH heaters added to the series.
- MW Series introduced.

FEBRUARY 2013:

- Stainless steel clamps on first combustion tube for models of 150,000 to 200,000 BTU.