How to determine Water Heater and Furnace Age

**Water Heaters:**

**Ambassador** – See State

**American** – 1st two digits equal the year, next two the week.

**ACE** – See American or State

**AO Smith** – 2nd letter (sometimes first i.e. Kenmore and GSW) equals the month and the next two digits are the year.

**Apollo** – See AO Smith

**AquaTemp** – See American

**AquaTherm** – See American

**Best** – See American

**Bosch** - The first three digits of the serial number indicate the production date

<table>
<thead>
<tr>
<th>Month \ Year</th>
<th>1998</th>
<th>1999</th>
<th>2000</th>
<th>2001</th>
<th>2002</th>
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<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
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<td>181</td>
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<td>592</td>
<td>692</td>
<td>792</td>
<td>892</td>
<td>992</td>
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</table>

**Bradford-White** - 1st letter in the S/N is the year of manufacturer with A being 1964, 1984 or 2004 (They use a 20 year cycle) They skip the letters I, O, Q, R, U, V to make the full cycle. The second letter is the month A=January through M = December (I is left out)

**FIRST LETTER – YEAR OF MANUFACTURE**


**SECOND LETTER – MONTH OF MANUFACTURE**

A = January, B = February, C = March, D = April, E = May, F = June, G = July, H = August,
J = September, K = October, L = November, M = December

(Most Manufactures that use letters follow this letter to month pattern)

**Cafos** – Japanese brand of water heater

**Champion** – See American

**Craftmaster** – See American

**Crosley**: (yes they are still making them) See Reliance or State

**Energy saver** – See Bradford White

**Envirotemp** – See American

**GE**-1st two digits equal the month, next to the year. (Rheem)

**Glascote** – See AO Smith

**Golden Knight** – See Bradford White

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GSW – See AO Smith
Hotpoint – see GE?
JC Penney – See State
Jetglas – See Bradford White
JW or John Wood – See AO Smith
Kenmore: See State, was AO Smith at one time
Lochinvar – See Bradford White
Lowes – See Rheem
Mainstream – unknown at this time
Maytag – See AO Smith
Montgomery Ward – See AO Smith
Knight – See Lochinvar
PermaGlas – See AO Smith
Reliance – See State
Revere – See American
Rheem/Rudd/Richmond- 1st two digits equal the month, next to the year. Rheem Manufacturing is owned by Japanese water heater manufacturer Paloma
Rinnai - Rinnai America Corp http://www.foreverhotwater.com/index.php
Security – See US Water Heater
Shamrock – See American
Standard – See American
State/Reliance/Sears- Letter that equals the month followed by the year. (made by AO Smith)
Thermo-King – See State Industries
Vanguard – See Rheem
US Craftmaster – See American
US Water Heater - ???
Whirlpool - See American
The only real manufacturers of water heaters anymore are American, AO Smith, Bradford White, and Rheem. It is rumored that we are now getting Japanese and Chinese water heaters in the market (3/08)

HVAC:

AirQuest: See ICP
Airtemp – made by Chrysler. Fifth digit is the year (8= 1978) same as their cars
American Standard – See Trane
Arcoaire: See ICP
Armstrong: See Lennox – stumped? call 800-448-5872 ask for consumer division. Model number G6 was manufactured between the late 1950s and early 1960s
Amana: BLACKHORSE. B=1971 or 1981. (Of course, now that they've been bought by Goodman, in 2003, who knows what'll happen.)
Bard (see last page)
Broan – Nordyne as of 2005?
Bryant: See Carrier
Burnham (Boilers): no rhyme or reason for the numbers email info@burnham.com
Carrier, Bryant, Payne, Day & Night: Recently (since 1990?) the first four numbers in the serial number represent the week and year. Previously, it was a complex series of letters and single digits. See below or call 905-672-0860 if you get stuck.

ANNNNNN This serial number was used from 1969 to 1990. The first alpha character is for the month of production.
A-M = Jan-Dec 1969-1979
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N-Z = Jan-Dec 1980-1990
'T' and 'O' are not used
The second digit, a numeric character is the production year
The balance of the numeric characters are the production sequence

Central Environmental Systems – See York
Coleman: Serial numbers prior to April 1992=1st two numbers are month, then year (0392 = march 1992), then series.
After April 1992, 1st two numbers are year, then month, then series (9204 = 1992 April).
Coleman is part of York/Unitary
Comfortmaker: (International Comfort) uses the first letter for the month (skipping I) and the first two digits are the year or See Heil
DuCane: Division of Lennox / Armstrong – Was part of Excel comfort systems, as of 200? Part of Allied Air Enterprises. Newer units, the last four digits of the S/N indicate year and week of manufacture of both furnace and A/C unit– 800-515-3501 for technical assistance. The following was an email from Ducane: “Ducane uses two different formats on serial numbers. All of their serial numbers are ten characters. The most common format is all ten characters are numeric. In this format the last 4 numbers indicate the year and the week of the year. An example is XXXXXX9933 where the 99 is 1999 and the 33 is the 33rd week of the year (1999). The more recent format is ten characters and the format is the first 4 characters are numeric, the fifth character is alpha, and the last 5 characters are numeric. The year code is determined from the 3rd and 4th characters that would be the last 2 digits of the calendar year (93=1993 and 06=2006). The fifth character which is alpha represents the month with A=January and M=December and but we do not use the letter I.”
Empire – (wall/Space heaters)
Fraser – See York
Frigidaire - see Nordyne. Frigidaire brand name for HVAC created in 1998 by Nordyne.
General Electric: was GE before 1982. Sold entire division to Trane in 1982. Prior to 1982, even though several phone calls were placed to different divisions, Serial number sequence seems to be unknown. Try: For General Electric, the date is coded in the last three digits in the serial number; this is supposed to be a letter corresponding with information under the Bradford White. However I have discovered that this is not an “always” situation.
Gibson – See Nordyne. Purchased by Nordyne in 1999? Unverified
Goodman: First two digits of the serial number are the year. Second two are the week of manufacture. Goodman started in 1975
Website: http://www.goodmanmfg.com/Home/tabid/36/Default.aspx
Btu rating is model number..i.e.; GMP075-3 (75,000 bonnet input)
Compressor is same: serial # 9709088872 (yr1997 wk 09) Tonnage is model # CK361C
The first two numbers after the CK (letters) divided by 12 is tons. i.e.: 36 div by 12= 3 tons.
HEIL: See ICP
HEIL QUAKER – See ICP - HEIL-QUAKER was purchased by Inter City Gas, Toronto, from Whirlpool Corp. Tempstar name added to replace Whirlpool name. HVAC division now part of International Comfort Products. In 1999, ICP was purchased by United Technologies. First digit is the month and the next two are the year. Pre 1999 see Whirlpool
HQCO – Heil/Quaker Company now part of ICP. First digit is the month and the next two are the year.
ICP, Inter City Products was renamed International Comfort products (ICP) sometime after 1997
ICP, International Comfort Products manufactures Airquest, Arcoaire, Comfortmaker, Heil, Keeprite, Kenmore, ICP Commercial, and Tempstar all made by International Comfort Products LLC, of Lewisburg, Tenn. First digit is the month and the next two are the year.
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Janitrol: Goodman used to market residential and commercial central air conditioners, furnaces and heat pumps under the Janitrol brand. However, they have discontinued use of the Janitrol brand name and have consolidated the Janitrol line under the Goodman brand name instead (Time line is unknown).

Keeprite: See ICP
Kenmore: See ICP
Lennox & Armstrong: Either the first two or second two digits are the year, it varies by era, but most of them actually have a separate sticker somewhere that has the year printed on it. Newer units are first two equals manufacturing plant #, 2nd two are year and letter in fifth slot is month (A thru M except I). So 5898G 07568 would be Plant # 58, Year of MFR would be 98 and month would be July.
G9D-82-M were made from 1964 to 1968

(Lennox) Still Need Answers?
If you're unable to find the information you need, call our support professionals for assistance:
972-497-5799  Monday – Friday, 8 am – 5 pm CST
(I have found them to be very helpful just be prepared to be on hold for a while)


When there are three or four letters at the start of the serial number, the third letter is the year. A is 1992, B is 1993, C is 1994, D is 1995, E is 1996 and F is 1997, G is 1998, H is 1999, J is 2000, K is 2001, L is 2002, M is 2003, N is 2004, P is 2005, etc.

Magic-Pak – See Armstrong/lennox
Maytag – As of 2002 made by Nordyne
Moncrief – See Luxaire
Monogram: Monogram went out of business in 1976 See GE………good luck on this one.
Mueller – Made by Worthington
Nordyne - Third letter equals month and next two digits are the year – unverified 7/2008
Payne: See Carrier
Peerless: Prior to 1984 there was not a date code included as part of the serial number. Starting in 1984, there was a four digit date code following the serial number that was month and year. Example – J0-12345-1084, this unit was built in October of 1984. Starting in the year 2000, same idea only it was a six digit date code following the serial number that is year and month. Example – 1234567-200105, this would have been built in May of 2001. Anything without the addition to the serial number would have been made before 1984 and would require contact with the factory.
Philco – See Nordyne
Rheem & Rudd: In the middle of the serial number will be a letter "F" or “M” the following four numbers are the week and year.
Tappan – See Nordyne. Tappan brand name created for HVAC industry in 1998
Tempstar: See ICP. Tempstar name was used to replace Whirlpool name when Inter City Gas purchased Heil-Quaker. See Heil for history.
Trane: Previous to 1987, through a phone call to Trane in Tyler, I discovered that they really don’t know. Newer models may have the mfg date right on the model number sticker. Trane uses alpha codes in their serial numbers to determine year of manufacture. They started this in 1987 with the letter B and skipped a couple of letters during the years……. The first letter of the serial number gives the year of manufacture as follows:
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In 2002 they started their serial numbers with the year it was built. In 2002 the first character of the serial number is 2, in 2003, 3 and so on.

E=1990
Z=2001 D=1989
R=2000 C=1988
P=1999 B=1987
N=1998 S=1986
M=1997 Y=1985
L=1996 X=1984
K=1995 W=1983
J=1994 U=82(seventh digit)
H=1993 T=81(seventh digit)
G=1992 O, A=80(seventh digit)
F=1991

Unitary Products – Parent company for York, Luxaire and Coleman
Valiant - ?

Weil-McLain:  Look on the outside jacket of the boiler for a CP Serial Number. It will have a bar code on it. Call (or email) Wiel McLain and they will tell you the date of manufacture. Phone: 219-879-6561 ask for Technical Services. http://www.weil-mclain.com/contact/index.html

Whirlpool:  pre 1999 owned by Heil Quaker: first digit equals the decade H=1980 2nd digit is the year, next two are the week. i.e. s/n H402 35728 equals 2nd week of 1984

York: (Unitary Products since 1984)
Note: they skip the letters I, O, Q, U, Z.
Fraser, Johnston, and Luxaire were purchased by York in 1980

SECOND LETTER – MONTH OF MANUFACTURE
A = January, B = February, C = March, D = April, E = May, F = June, G = July, H = August, J = September, K = October, L = November, M = December

Year of assembled indicated by 3rd & 4th letter in the serial number up to 1980, however a note form York indicated that prior to 1980 point of manufacture (1st digit) and month assembled (2nd digit) was not used.
After 1980 they went to a four letter prefix mostly NA but some start with EM

1970 – XO 2000 - NAJM
1971 - AO 2001 - NAKM
1972 - BO 2002 - NALM
1973 - CO /CM 2003 - NAMM
1974 - DM 2004 - NANM
1975 - EM 2005 - NAPM
1976 - FM 2006 - NARM
1977 - GM 2007 - NASM
1978 - HM
1979 - JM
1980 - NAKM
1981 - NALM
How to determine Water Heater and Furnace Age

1982 - NAMM
1983 - NAMM
1984 - NAPM
1985 - NARM
1986 - NASM
1987 - NATM
1988 - NAVM
1989 - NAWM
1990 - NAXM
1991 - NAYM
1992 - NAAM
1993 - NABM
1994 - NACM
1995 - NADM
1996 - NAEM
1997 - NAFM
1998 - NAGM
1999 - NAHM

**BARD** 1962 to March 1980
Sample Number 123456 A D

1st six digits are the Unit Identity Number. In this example they are represented by the numbers 123456.

7th digit is the month of Manufacture. (The letter A in the Sample represents January).
A = January
B = February
C = March
D = April
E = May
F = June
G = July
H = August
Letter "I" was not used.
J = September
K = October
L = November
M = December

8th digit is the year of Manufacture. (The letter D in the Sample represents 1964).
1962 = B
1963 = C
1964 = D
1965 = E
1966 = F
1967 = G
1968 = H
Letter "I" was not used.
1969 = J
1970 = K
1971 = L
1972 = M
1973 = N
1974 = O
1975 = P
Letter "Q" was not used.
1976 = R
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1977 = S
1978 = T
1979 = U
1980 = V

Bard April & May 1980

Sample number 123 D A 123456

1st three digits are the Compressor Part Number.

4th digit is the month of Manufacture. In this sample D represents April.
D = April
F = May

5th digit is the year of Manufacture. In this sample A represents 1980.

This serial number style was only used during the months of April & May 1980.

6th thru 11th digits represent the Unit Identity Number.

Bard June 1980 to Current

Sample number 123 H80 1234567 02

1st three digits = Compressor Part #

4th digit = Month
A = January
B = February
C = March
D = April
"E" was not used
F = May
"G" was not used
H = June
"I" was not used
J = July
K = August
L = September
M = October
N = November
"O" was not used
P = December

5th & 6th digits = Year

80 = 1980
81 = 1981
82 = 1982
right on thru. The year 2000 started the numerical numbering from 00.
00 = 2000
01 = 2001
02 = 2002
right on thru to current date.

7th thru 13th digits = Unit Identity #

14th & 15th digits = Factory Code (01=OH; 02=

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