



CALIFORNIA HEAT PUMP COMPANY MODEL NUMBERING SYSTEM

TCH/V

For Use When Specifying or Ordering California Heat Pump Units

EXAMPLE:

CAPACITY: 42,000 BTUH
TYPE: vertical, right return air intake position
ELECTRICAL: 208/230 volts, 60 hertz, 3 phase
WATER COIL: cupro-nickel
CONTROL: 24 volts for remote thermostat

MODEL NUMBER:

4 2 V R 3 2 - N 7

PRODUCT OPTIONS (One or more letters)

CONTROL ARRANGEMENT

- 1 = Unit mounted manual changeover, standard
- 2 = Unit mounted manual changeover, with night set-back
- 3 = Unit mounted manual changeover, with random start
- 4 = Unit mounted auto changeover, standard
- 5 = Unit mounted auto changeover, with night set-back
- 6 = Unit mounted auto changeover, with random start
- 7 = 24 volt controls for remote thermostat, standard
- 8 = 24 volt controls for remote thermostat, with night set-back
- 9 = 24 volt controls for remote thermostat, with random start
- 0 = 24 volt controls, unit mounted thermostat
- S = Other special controls

X = " " " (Hi-Rise)
Y = No Controls

WATER COIL

- C - Copper (Standard)
- N - 90/10 Cupro-Nickel (Optional)

VOLTAGE

- 1 = 115
- 2 = 208/230
- 3 = 265
- 4 = 460

PHASE

- 1 = Single
- 3 = Three

APPROX. COOLING CAPACITY x 1000

Consoles	Horiz.	Vert.	Hi-Rise
07	9		10
09	12	13	15
12	22	22	20
16	26	26	28
19	33	33	30
	42	42	36
	52	52	
	61	61	

SR Console without cabinet
SL

TYPE OF UNIT

- CR - Console, Right Hand Piping (Standard)
- CL - Console, Left Hand Piping (Optional)
- VL - Vertical, Left Return Air (Optional)
- VR - Vertical, Right Return Air (Optional)
- HF - Horizontal, Front Return Air*
- HR - Horizontal, Rear or Right Return Air*
- RE - Exposed Hi-Rise
- RF - Furred-In Hi-Rise
- RD - Double Hi-Rise, Furred-in

RY - No Cabinet

NOTE: Not all options are available with all models.

DESIGN MODIFICATION (See Spec. Shts.)

except Hi-Rise where electric heat is identified here.

*Front Return Air is standard for sizes 22, 26, 33 and 42 Horizontal units, with Rear Return optional. Size 09, 12, 52 and 61 Horizontal units are supplied with return air entering at the right end.



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CAPACITY - 42000 BTUH
TYPE - vertical, right return air intake position
ELECTRICAL - 208/230 Volts, 60 Hertz, 3 phase
CONDENSER - cupro-nickel
CONTROL - 24 volts for remote thermostat

Same unit as
previous page.
the CHP is often
left off.

MODEL NUMBER:

CHP - 42VR - 32 - N7

PREFIX

California Heat Pump

CONTROL ARRANGEMENT

- 1 = Unit mounted manual changeover, standard
- 2 = Unit mounted manual changeover, with night set-back
- 3 = Unit mounted manual changeover, with random start
- 4 = Unit mounted auto changeover, standard
- 5 = Unit mounted auto changeover, with night set-back
- 6 = Unit mounted auto changeover, with random start
- 7 = 24 Volt controls for remote thermostat, standard
- 8 = 24 Volt controls for remote thermostat, with night set-back
- 9 = 24 Volt controls for remote thermostat, with random start
- 0 = 24 Volt controls, unit mounted thermostat
- S = Other special controls

APPROX. COOLING CAPACITY x 1000

Consoles	Verticals & Horizontals	Hi-Rise
07	13	10
09	22	15
12	26	20
16	33	28
19	42	30
	53	36
	61	

CONDENSER MATERIAL

- C - Copper Condenser (Standard)
- N - Cupro-Nickel Condenser (Optional)

TYPE OF UNIT

- CR- Console, Right Hand Piping (Standard)
- CL- Console, Left Hand Piping (Optional)
- VL- Vertical, Left Return Air (Standard)
- VR- Vertical, Right Return Air (Optional)
- HF- Horizontal, Front Return Air (Standard)
- HR- Horizontal, Rear Return Air (Optional)
- RX- Exposed Hi-Rise
- RF- Furred-in Hi-Rise
- RD- Double Hi-Rise, Furred-in

VOLTAGE

- 1 = 115
- 2 = 208/230
- 3 = 265
- 4 = 460

PHASE

- 1 = Single
- 3 = Three

NOTE: Not all options are available with all models.

ISIS

NOTE 1:

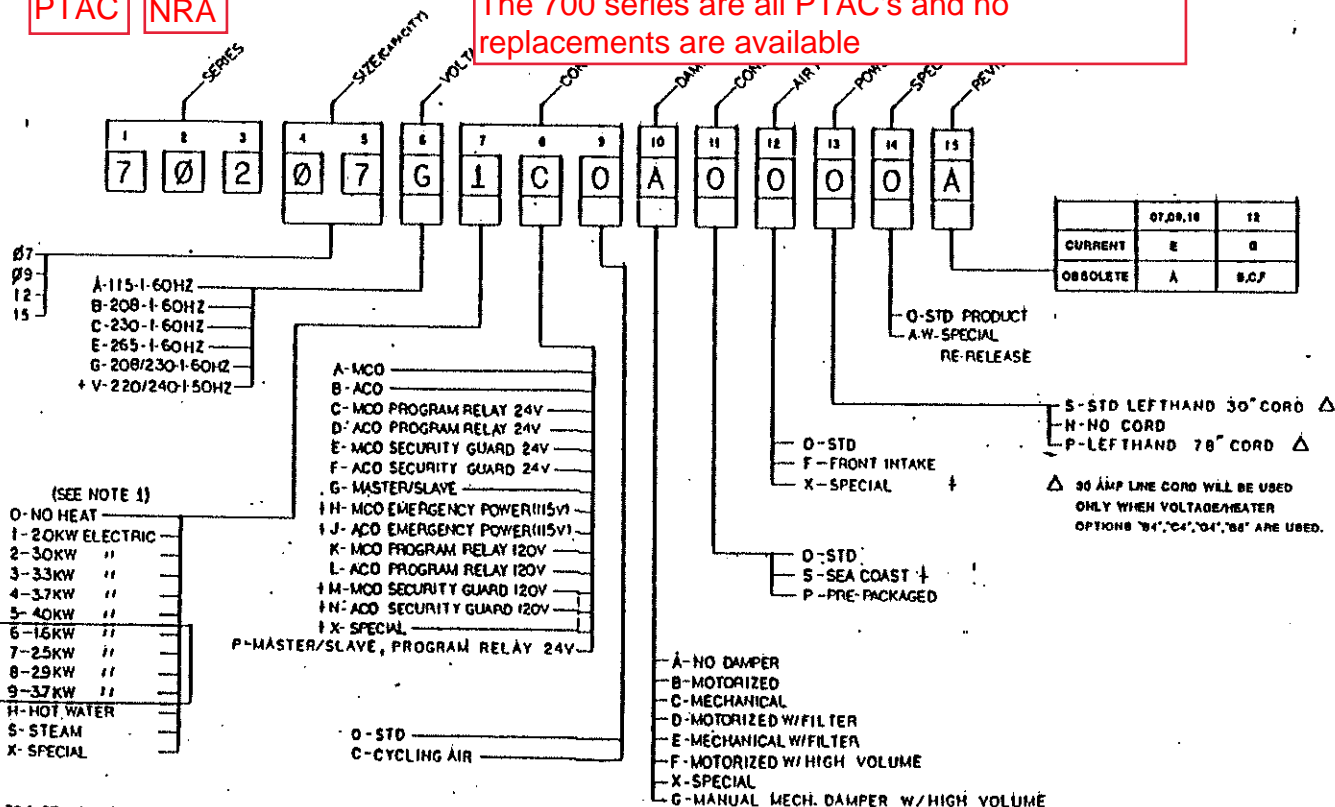
- 1 20KW/208V, 245KW/230V
- 2 30KW/208V, 37KW/230V
- 3 33KW/265V
- 4 37KW/208V, 45KW/230V
- 5 40KW/208V, 40KW/265V
- 6 16KW/208, 20KW/230V,
27KW/265V
- 7 25KW/208, 30KW/230V,
90KW/265V
- 8 29KW/208V, 35KW/230V
- 9 37KW/208V

NOTE 3:

20A LINE CORD WILL BE USED
WITH A 15A OR 20A CIRCUIT
BREAKER POWER CONNECTION

PTAC NRA

The 700 series are all PTAC's and no replacements are available



68417000 AS SHOWN

21	CHANGED REV. CODE CHART(ADDED 20 AMP NOTE	DISTRIB	8/29/68
20	DELETED NOTE #2	DISTRIB	8-5-68
19	ADDED "C" SUFFIX FOR IFC COILS	DISTRIB	6/12/68
18	EXTENSIVE REVISIONS	DISTRIB	6/10/68
17	DELETE DC, 00, 12, 14 FROM "E" SUFFIX; ADD 03, 09 TO "E" SUFFIX; ADD "F" SUFFIX RE 0012 14.	DISTRIB	5/11/68
16	ADDED "E" SUFFIX FOR 20 "V" ICE COILS	DISTRIB	11/2/68
15	REVISED "V" TO 50HZ, NON U.L.	DISTRIB	5-6-65
14	REVISED "REV." ADDED C REV. TO REV. CODE	DISTRIB	3-4-65
REV	DESCRIPTION	DCO	DATE

684170

DATE: 12-12-84 SH 1 OF 1

REV.	DESCRIPTION	QTY.	UNIT	DATE	APPROV.
001	CLIMATE MASTER	1	EA		
002	PENDRAK	2	EA		
003	CHECKED				
004	702 PRODUCT CODING				
005	CHASSIS				
006	702 PRODUCT CODING				
007	CHASSIS				
008	702 PRODUCT CODING				
009	CHASSIS				
010	702 PRODUCT CODING				
011	CHASSIS				
012	702 PRODUCT CODING				
013	CHASSIS				
014	702 PRODUCT CODING				
015	CHASSIS				
016	702 PRODUCT CODING				
017	CHASSIS				
018	702 PRODUCT CODING				
019	CHASSIS				
020	702 PRODUCT CODING				
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024	702 PRODUCT CODING				
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026	702 PRODUCT CODING				
027	CHASSIS				
028	702 PRODUCT CODING				
029	CHASSIS				
030	702 PRODUCT CODING				
031	CHASSIS				
032	702 PRODUCT CODING				
033	CHASSIS				
034	702 PRODUCT CODING				
035	CHASSIS				
036	702 PRODUCT CODING				
037	CHASSIS				
038	702 PRODUCT CODING				
039	CHASSIS				
040	702 PRODUCT CODING				
041	CHASSIS				
042	702 PRODUCT CODING				
043	CHASSIS				
044	702 PRODUCT CODING				
045	CHASSIS				
046	702 PRODUCT CODING				
047	CHASSIS				
048	702 PRODUCT CODING				
049	CHASSIS				
050	702 PRODUCT CODING				
051	CHASSIS				
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065	CHASSIS				
066	702 PRODUCT CODING				
067	CHASSIS				
068	702 PRODUCT CODING				
069	CHASSIS				
070	702 PRODUCT CODING				
071	CHASSIS				
072	702 PRODUCT CODING				
073	CHASSIS				
074	702 PRODUCT CODING				
075	CHASSIS				
076	702 PRODUCT CODING				
077	CHASSIS				
078	702 PRODUCT CODING				
079	CHASSIS				
080	702 PRODUCT CODING				
081	CHASSIS				
082	702 PRODUCT CODING				
083	CHASSIS				
084	702 PRODUCT CODING				
085	CHASSIS				
086	702 PRODUCT CODING				
087	CHASSIS				

703 PRODUCT CODING

CHASSIS

LRHP**

NOTES:

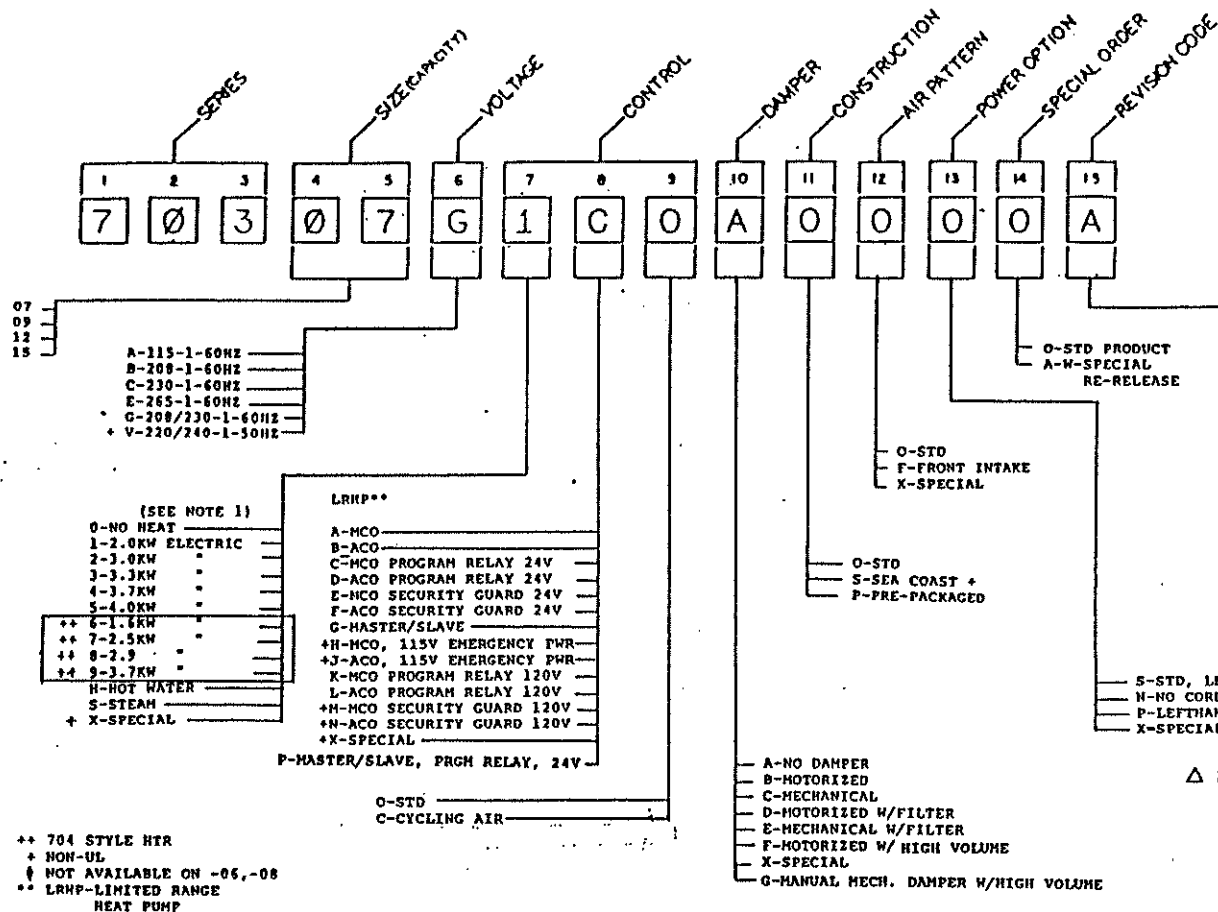
NOTE 1:

JOB SITE VOLTAGE MUST BE KNOWN TO IDENTIFY ELECT. HT. SELECTION PER THE FOLLOWING:

1. 2.0KW/208V, 2.45KW/230V
2. 3.0KW/208V, 3.7KW/230V
3. 3.3KW/265V
4. 3.7KW/208V, 4.5KW/230V
5. 4.0KW/208V, 4.0KW/265V
6. 1.6KW/208, 2.0KW/230V, 2.7KW/265V
7. 2.5KW/208, 3.0KW/230V, 4.0KW/265V
8. 2.9KW/208V, 3.5KW/230V
9. 3.7KW/208V

PTAC

NRA



17	DELETED NOTE: 2		8-8-88	
16	ADDED "G" SUFFIX FOR IEC COILS		6-18-88	
15	EXTENSIVE REVISION		6-16-88	
14	DELETE 70308, 12, 14 FROM "E" SUFFIX; ADD "F" SUFFIX FOR 70312 ONLY; ADD 07, 09 TO "E" SUFFIX		3/11/88	
13	Added "E" Suffix for IEC Coils	LV	4/2/87	
REV	DESCRIPTION	DISTRIB	DATE	APPR

18	CHN'D REV CODE CHART & NOTE 3.	DISTRIB	4/22/89
REV	DESCRIPTION	ECN	DATE

684799

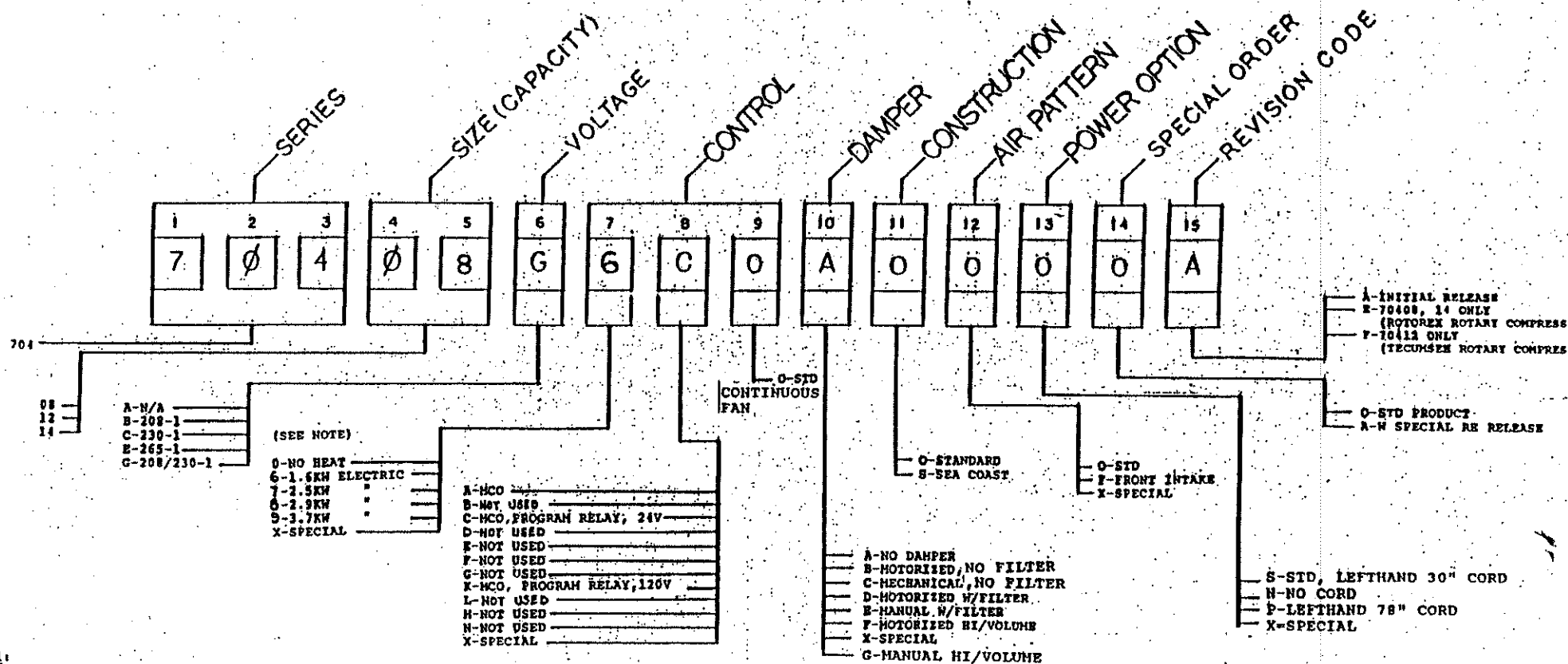
REV. 18

PTAC

NRA

PTAC

704 MAX RANGE CHASSIS MRHP



NOTE 1:
JOBSITE VOLTAGE MUST
BE KNOWN TO IDENTIFY ELECT.
HEAT SELECTION PER THE FOLLOWING:

6-1.6KW/208V, 2.0KW/230V, 2.7KW/265V
7-2.5KW/208V, 3.0KW/230V, 4.0KW/265V
8-2.9KW/208V, 3.5KW/230V,
9-3.7KW/208V

*MAX RANGE HEAT PUMP
+NOT AVAILABLE ON -08.

06	DELETED NOTE 2; J ++ LTS -NOTE	8-5-88
05	EXTENSIVE REVISION	6-16-88
04	DROP SIZE 04; ADD 'E' SUFFIX FOR -08-14 ONLY; ADD 'F' SUFFIX FOR -12 ONLY	3/4/88
03	DELETE "C" IN 9th CHARACTER	6/20/88

68354000

801 PRODUCT CODING

Console

TRC

801 De cover

SERIES

SIZE (CAPACITY)

VOLTAGE

SUPPLY

CONTROL

CAB/BASE/POWER

PIPE KIT

SPECIAL ORDER

REVISION CODE

801-HEAT PUMP
901-COOLING ONLY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
8	Ø	I	Ø	8	G	L	O	C	S	S	B	M	O	A

- 08 ** A - 115V - 1
- 10 B - 208 - 1
- 12 C - 230 - 1
- 15 E - 265 - 1
- 19 G - 208/230 - 1
- + V - 208/230-1-50

L - LEFT
R - RIGHT

+ NON UL

- * 0 - NO ELECTRIC HEAT
- (A) 1 - 1.0 KW ELECTRIC
- (B) 2 - 1.5 KW
- (C) 3 - 2.0 KW
- (D) 4 - 3.0 KW
- (E) 5 - 3.7 KW

- A-MCO,UL
- B-ACO,UL
- C-MCO,PROGRAM RELAY,UL
- D-ACO,PROGRAM RELAY,UL
- E-MCO,SECURITY GUARD,UL
- F-ACO,SECURITY GUARD,UL
- G-MASTER/SLAVE,UL AND REMOTESTAT Δ
- X-SPECIAL

- A - STD UNIT STD CAB W/ FINISHED BACK PANEL W/ LOCKING DOOR
- F - STD UNIT STD CAB W/ FINISHED BACK PANEL
- O - NO CABINET
- S - STD UNIT STD CAB
- L - STD UNIT LOCK CAB
- H - STD UNIT HS CAB
- +X - SPECIAL
- J - STD CAB W/ BAR GRILLE

BELOW LISTED OPTIONS FOR USE WITH SIZES 08,10,12 ONLY

- B - 52" COMP UNIT STD CAB W/ FINISHED BACK PANEL W/ LOCKING DOOR
- C - 52" COMP UNIT STD CAB W/ FINISHED BACK PANEL
- D - 52" COMP UNIT STD CAB
- E - 52" COMP UNIT LOCK DOOR
- G - 52" COMP UNIT HS CAB
- H - 52" NO CAB
- K - 52" STD CAB W/BAR GRILLE

BASE TYPE

- O - NO BASE
- S - STD BASE
- D - FOTORIZED DAMPER
- E - MANUAL DAMPER
- X - SPECIAL

	8,10,12,15	15	19
STANDARD	B	-	A
TRANE	U	V	T
SPL 48" +	---	C	---
OBSOLETE	A,T	---	---

PIPE KITS

POWER TERMINATION

- A - JUNCTION BOX
- B - 20A LINE CORD
- C - 20A LINE CORD & RECEPT.
- D - 20A LINE CORD & DISCONN.
- E - 20A LINE CORD & 15A CRKT BRK.
- F - 20A LINE CORD & 20A CRKT BRK.
- G - 30A LINE CORD
- H - 30A LINE CORD & RECEPT.
- J - 30A LINE CORD & DISCONN.
- K - 30A LINE CORD & 30A CRKT BRK.
- X - SPECIAL
- V - 4 X 4 J BOX W/DISCONNECT

O=STD PRODUCT
A-H=SPECIAL

- O - NONE
- U - UNION
- H - MPT
- F - FPT
- B - BALL VALVE
- H - HYDRONIC VALVE
- X - SPECIAL
- A - FPT W/BV
- C - MPT W/BV

○ NOT AVAILABLE ON 265V OPTION

Δ MUST USE EITHER "H" or "G" CABINET OPTION

**AVAILABLE FOR USE ON SIZES 08,10,12 WITHOUT ELECTRIC HEAT AND WITHOUT SECURITY GUARD CONTROLS.

* LETTERS IN HEATER CODE ARE FOR 901 ONLY, ELECTRIC HEATER RATINGS ARE AT 208V AND 265V

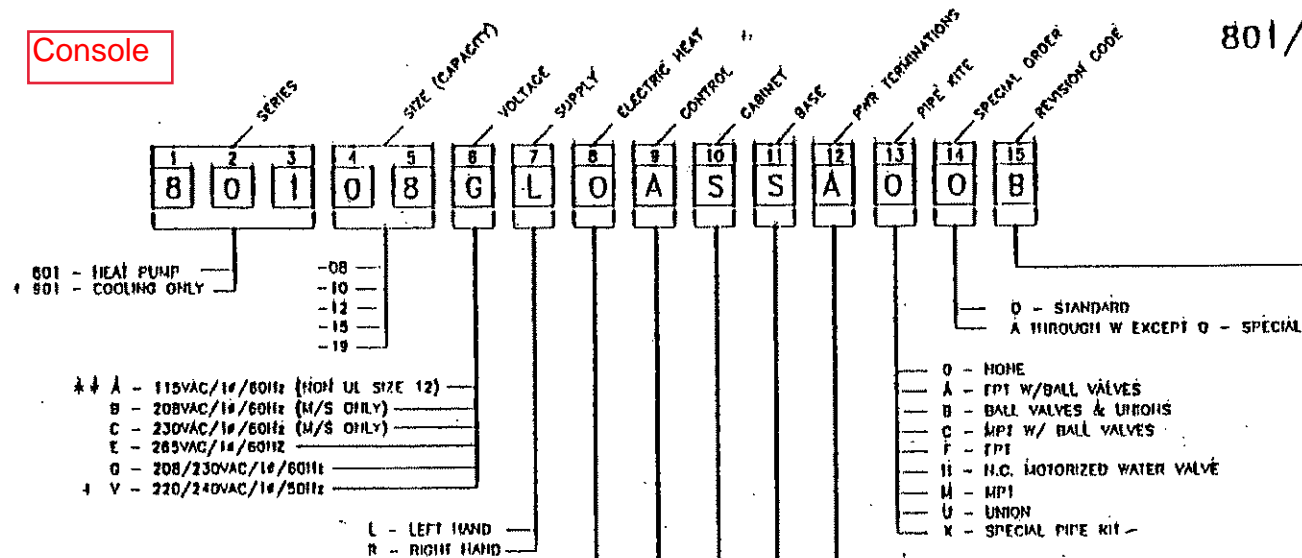
REV	DESCRIPTION	DATE
18	REVISED * NOTE TO INCLUDE: WITHOUT SECURITY GUARD CONTROL.	10/2/80
14	REVISED CAB/BS CHART,REV CODE CHART & DELETED L-U ON POWER TERM	4/27/80
13	ADDED J STD CAB W/BAR GRILL	
12	EXTENSIVE REVISION	2-6-15-8
11	ADDED "T" & "U" FOR TRANE APPLICATIONS (REVISION CODE)	11/8 5/21/81

688218

12/3/82

Console

801/901 - PRODUCT DECODING



	08, 10, 12, 15	19	19
STANDARD	B	-	A
TRANS	U	Y	I
SPECIAL 48"	-	C	-
OBSELETE	A, I	-	-

BOILERLESS (801)		HEAT ONLY (901)				
801 CODE	0	1	2	3	4	5
901 CODE	0	A	B	C	D	E
AC VOLTS	KILOWATTS					
208	1.0	1.5	2.0	3.0	3.8	
230	1.2	1.8	2.4	3.7	4.8	
240	1.3	2.0	2.7	4.0	5.1	
265	1.0	1.5	2.0	3.0	3.7	
277	1.1	1.6	2.2	3.3	4.0	

A - MCO	
B - ACO	
C - MCO & N.O. PROG RELAY	
D - ACO & N.O. PROG RELAY	
E - MCO & SECURITY GUARD	
F - ACO & SECURITY GUARD	
G - MASTER/S�AVE (MUST USE MS CABINET)	24V
H - MCO & NIGHT SET BACK	
I - ACO & NIGHT SET BACK	
X - SPECIAL	

* NOT AVAILABLE ON 265V OPTION
** AVAILABLE ON SIZES 08, 10 AND 12 ONLY
NON UL
/ SECURITY GUARD: N.O.-PR, NSB & ORT

ALL DRAWING I.D.'S WERE CHANGE TO AGREE WITH EACH OTHER

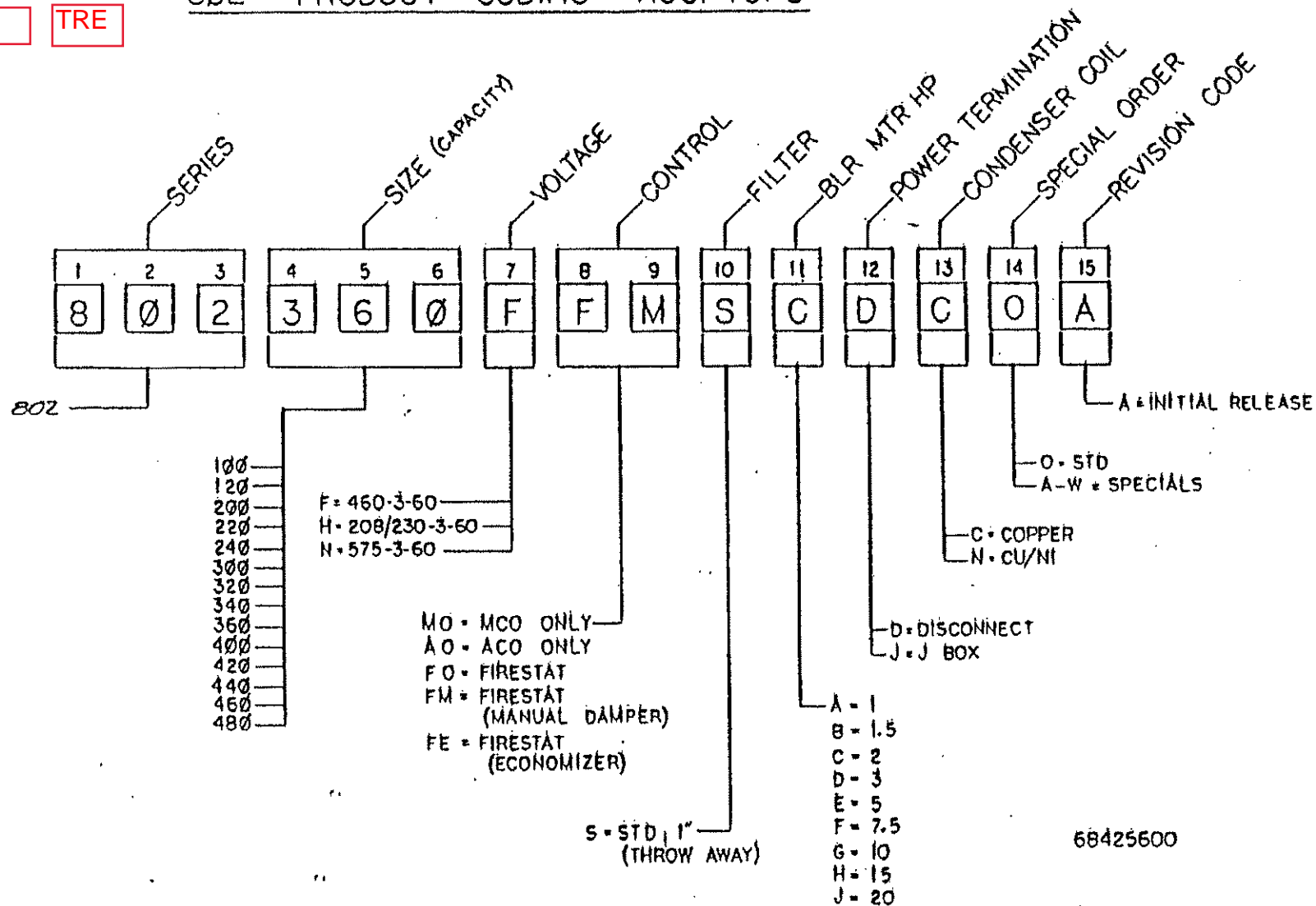
U7835 3/19/91

ClimateMaster		DATE 3/19/91		REV 46		88821800	
PRODUCT DECODING		DATE 3/19/91		REV 46		88821800	
801/901 UNITS		DATE 3/19/91		REV 46		88821800	

Roof Top

TRE

802 PRODUCT CODING - ROOFTOPS



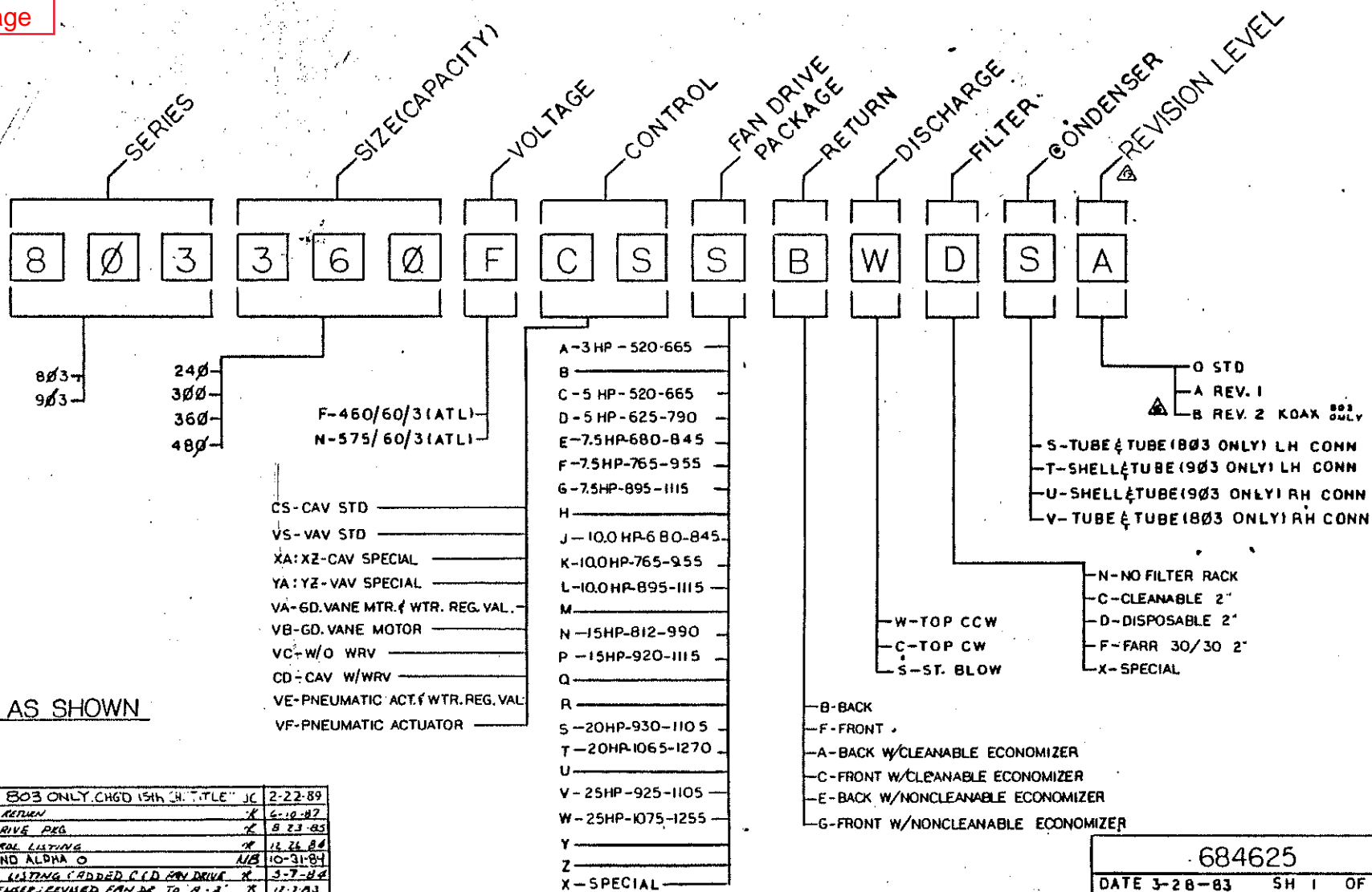
01	IDENTIFY NUMERIC & AND ALPHA	DISTR	10-31-87	N/S
REV	DESCRIPTION	ECO	DATE	APPR

684256

DATE: 1/5/83 N/S SH 1 OF 1

Vertical
Package

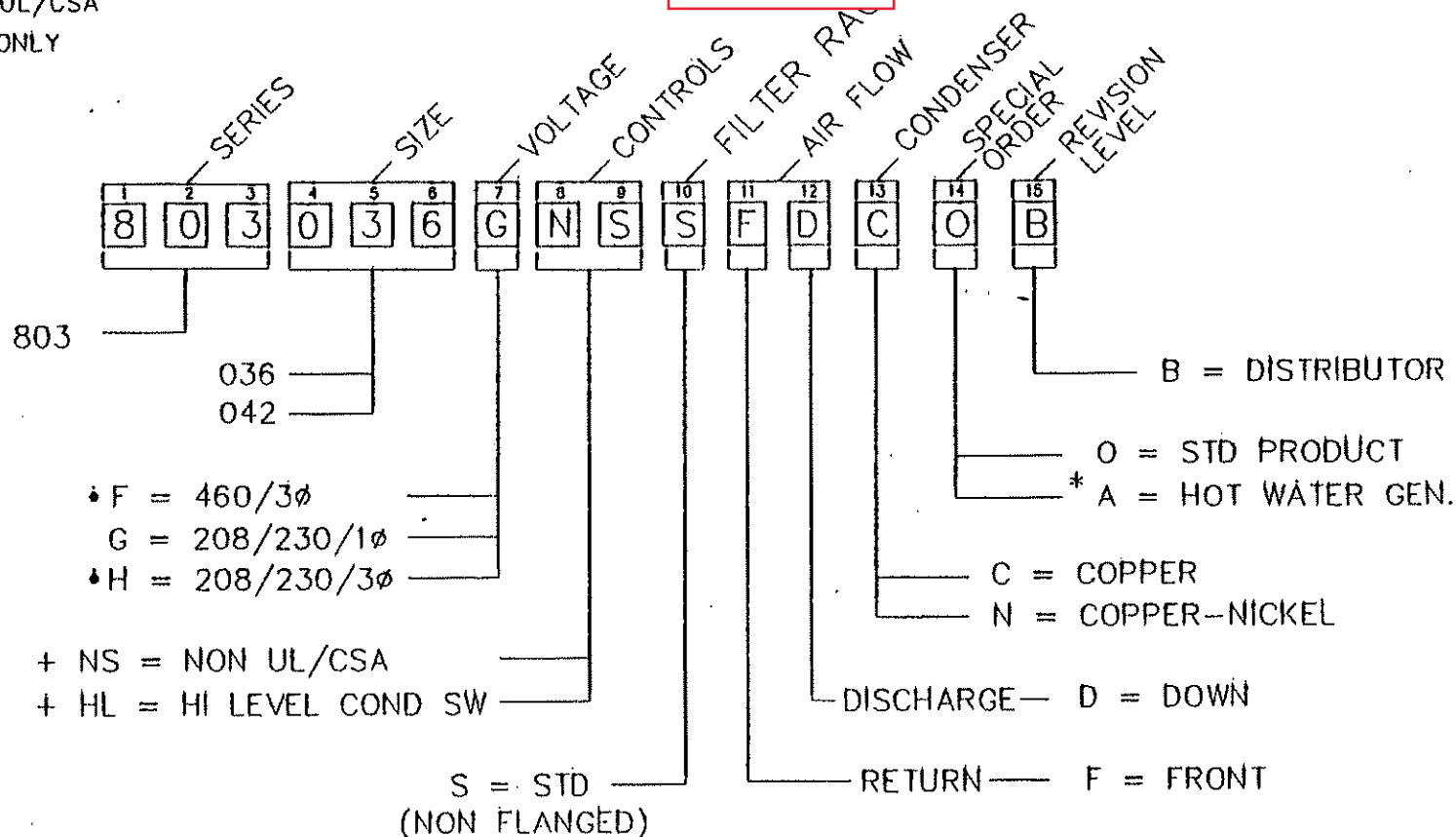
803/903 VARI-MASTER SERIES PRODUCT CODING



684625
DATE 3-28-83 SH 1 OF 1

NOTES:

1. * = NOT AVAILABLE AT PRESENT. HWG's UNDER DEVELOPMENT FOR -036 & -042.
2. + = NON UL/CSA
3. • = 042 ONLY

Vertical
Package

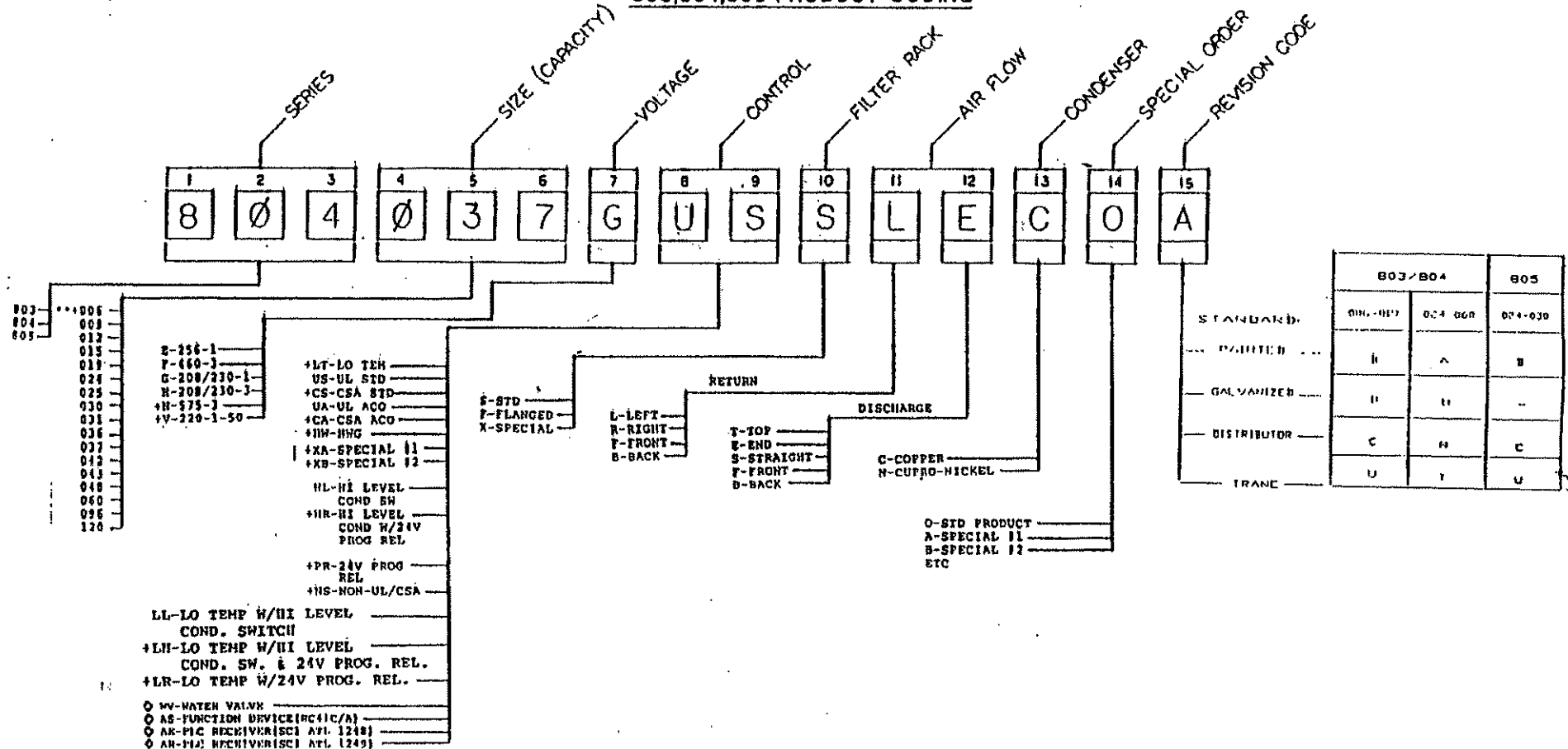
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804 HORIZONTAL COMPACT TCH

Horizontal Package

TR, TC, TS

803,804,805 PRODUCT CODING

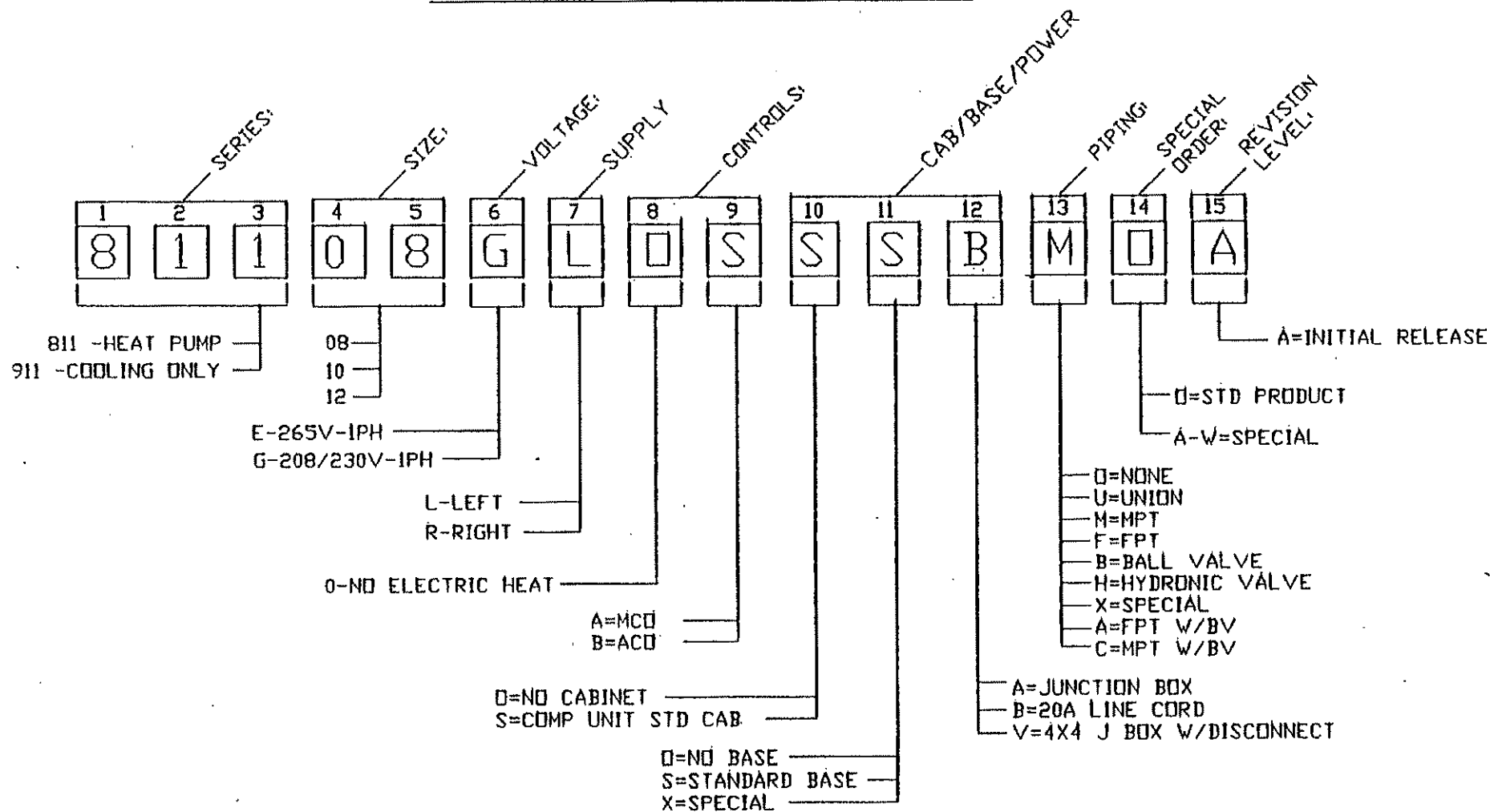


NOTES:

- * = NOT WATER GENERATOR
- ** = 804 SERIES ONLY
- + = NON UL/CSA
- ◊ = UL ONLY

803/804/805 DECODING
b w a. No. 88821700

811 PRODUCT CODING



NOTE:

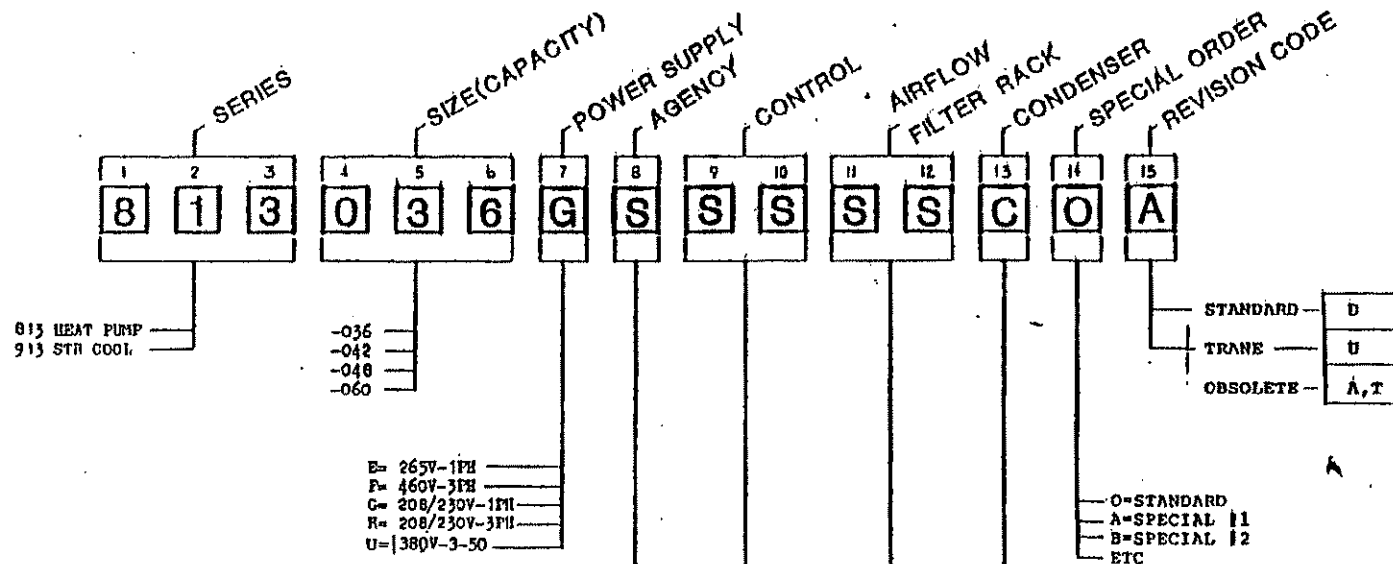
1. ALL UNITS NON UL/NON CSA

811 PRODUCT CODING SHEET

68133400

REV. 00

Vertical
Package



AGENCY CODE	
AS	AS=FUNCTION DEVICE(1C/A)
DS	DS=DISTRIBUTOR UNIT
SS	SS=STANDARD ACO/MCO
AA	AA=ACO
AD	AD=SHUT DOWN RELAY 24V
AC	AC=SHUT DOWN RELAY 115V
AD	AD=HIGH LEVEL CONDENSATE SWITCH
AE	AE=PLC RECEIVER (SCIENTIFIC ATL 1248)
AF	AF=FREEZE/STAT
AG	AG=ANTI-SHORT TIMER
AN	AN=DEMAND LIMIT RELAY 24V
AJ	AJ=DEMAND LIMIT RELAY 115V
AL	AL=LOCK-OUT RELAY DISCONNECT
AN	AN=RANDOM START RELAY
AP	AP=PROGRAM RELAY 24V
AQ	AQ=PROGRAM RELAY 115V
AR	AR=PLC RECEIVER (SCIENTIFIC ATL 1249)
AU	AU=BOILERLESS OPERATION
AV	AV=SVC SIGNAL TO REMOTE T' STAT
XA	XA=SPECIAL

RETURN/DISCHARGE/FILTER RACK

SS	SS=LEFT/TOP/STD
RT	RT=RIGHT/TOP/STD
FT	FT=FRONT/TOP/STD
BT	BT=BACK/TOP/STD
LF	LF=LEFT/TOP/FLGD
RF	RF=RIGHT/TOP/FLGD
FF	FF=FRONT/TOP/FLGD
BF	BF=BACK/TOP/FLGD
XA	XA=SPECIAL

C	C=COPPER
N	N=CUPRO-NICKEL
L	L=LO TEMP - CuNi
E	E=EXTRA LO TEMP - CuNi
H	H=LO TEMP - Cu
X	X=SPECIAL
P	P=COPPER (WATER VALVE WIRING)
Q	Q=CUPRO-NICKEL (WATER VALVE WIRING)
R	R=LO-TEMP-CuNi (WATER VALVE WIRING)
S	S=EXTRA LO TEMP-CuNi (WATER VALVE WIRING)
T	T=LO-TEMP-Cu (WATER VALVE WIRING)
J	J=EXTRA LO TEMP(25-110)-CU(NO H.W.G.)
K	K=EXTRA LO TEMP(25-110)-CU-NI(NO H.W.G.)

813/913 DECODING

68232500

REV 14 6/20/86

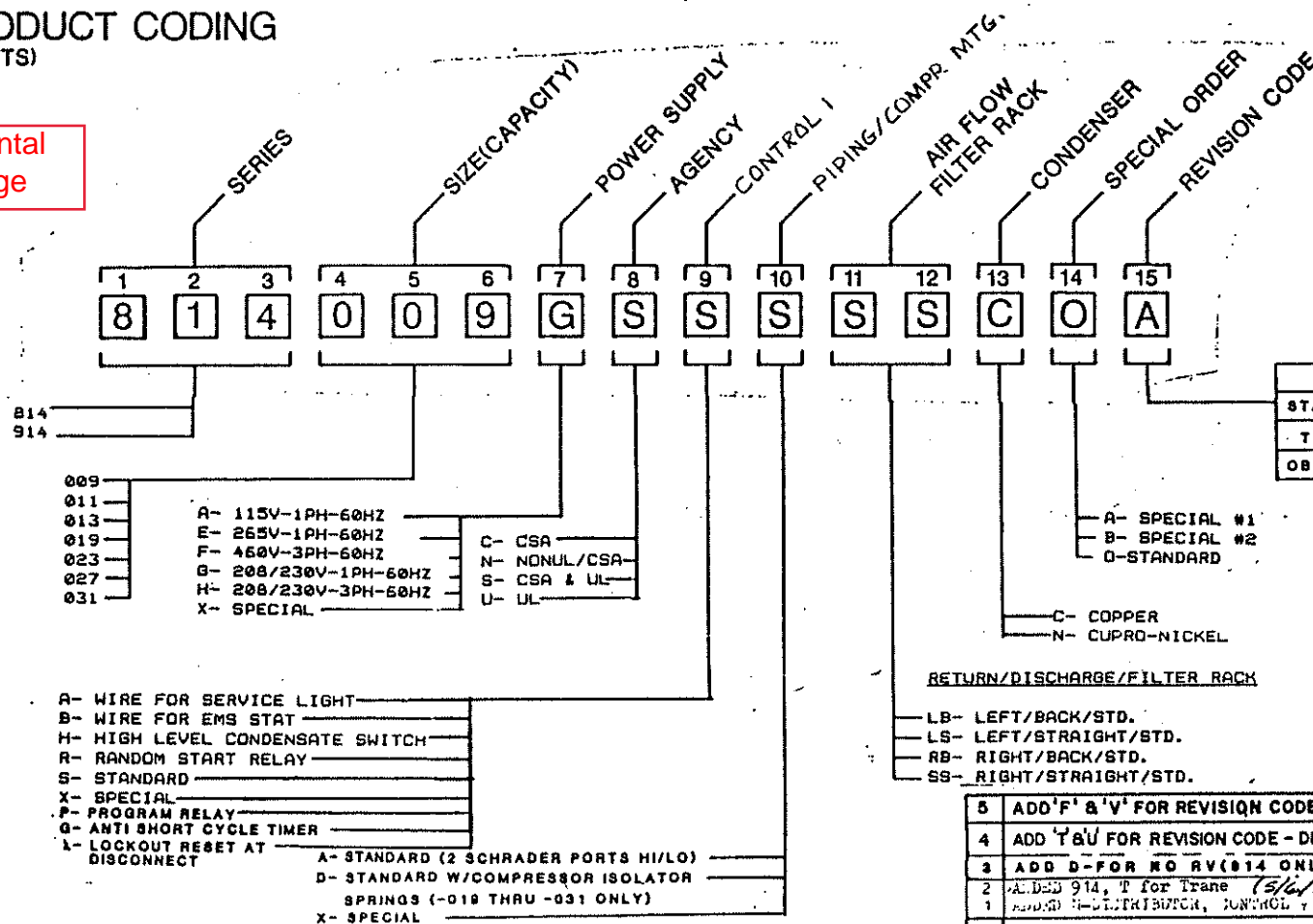
NOTE: REFER TO SHEET 2 FOR POSSIBLE COMBINATIONS -

* STANDARD OPTIONS ARE NOT AVAILABLE
WITH LOW TEMP AND EXTRA LOW TEMP UNITS.

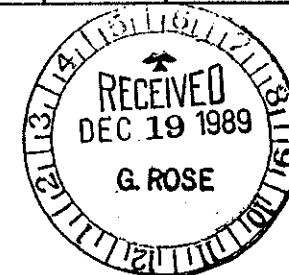
* FOR 208/230V & 265V UNITS ONLY.

814 PRODUCT CODING (SMALL UNITS)

Horizontal
Package



	07/11/13	10/23/27/31
STANDARD	F	E
TRANE	V	U
OBSOLETE	A,B,E,T,U	A,B,T



5	ADD 'F' & 'V' FOR REVISION CODE AS SHOWN	DATE	10-8-86	BY	100
4	ADD 'T' & 'U' FOR REVISION CODE - DELETED 'D' & 'N' IN REV CODE	DATE	10-8-86	BY	100
3	ADD 'D' FOR NO RV (814 ONLY) TO REV. CODE	DATE	01/27/87	BY	211/86
2	ADDED 914, T for Trane	DATE	5/6/86	BY	NB
1	ADDED H-DISTRIBUTION, CONTROL 1, DWPB, ILWAS	DATE	10/29/85	BY	
REV.	DESCRIPTION	ECO. NO.	DATE	APPROVED	
SIGNATURES	M	D	Y		
DRAWN	NICK B	7	25	85	
CHECKED					
ENGRD.					
MFG.					
ISSUED					
DISTRIBUTION	7	25	85		

ClimateMaster
A CONTINUATION OF CHP CORP AND
FRIEDRICH'S CLIMATE MASTER, INC.

2007 BEECHGROVE PLACE
UTICA, N.Y. 13501
315-724-7111
TWX 810-800-7973

814 DECODING SHEET

DRAWING NO. **682327**

SCALE **1" = 1'**

10	ADDED P,Q,L OPTIONS TO CONTROL	DISTRIB	12/18/86	BY	100
9	CHANGED REVISION CODE CHART		4/18/86	BY	100
8	CHG. CONTROL 2 TO PIPING/COMPR. MTG. & ADDED "D"	UG703	10-11-86		
7	REVISED POWER SUPPLY, CONTROL 2; REV. CODE OPTIONS	DISTRIB	6/11/87	BY	NB
6	ADDED NOTE 0911,13 TO REV. CODE AS SHOWN - E,F,U,V CODES	DISTRIB	11-87	BY	RSO

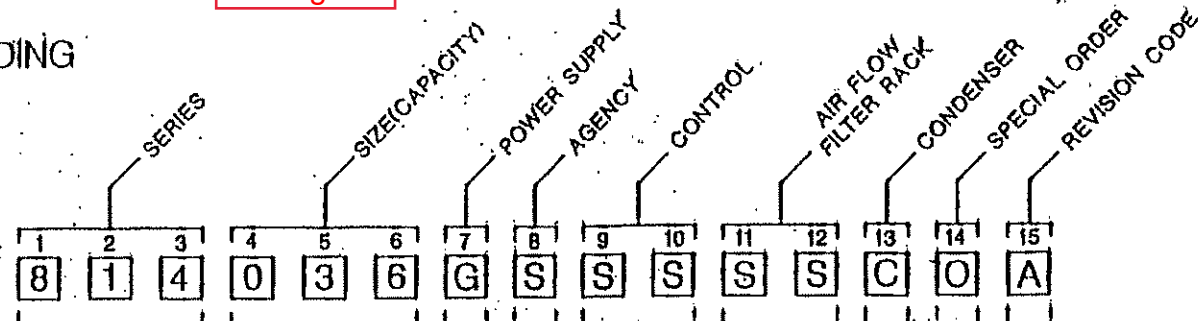
DWG
682327

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
3 PLACE DECIMALS ±
3 PLACE DECIMALS ±
ANGLES ±
FRACTIONS ±

MATERIAL

Horizontal
Package

814 PRODUCT CODING (LARGE UNITS)



@ 814 HEAT PUMP
914 STR. COOL

036 E=265V-1-60
042 F=460V-3-60
048 G=208/230V-1-60
060 H=208/230V-3-60
072 U=380V-3-50
096
120 N=575V-3-60

U=UL
C=CSA
N=NON UL/CSA
S=UL & CSA

STANDARD
TRANE
OBSOLETE

GALVANIZED	PAINTED
D	F
U	N/A
A, D, C, T	

O=STANDARD
A=SPECIAL 11
B=SPECIAL 12
ETC.

C=COPPER
N=CUPRO-NICKEL
X=SPECIAL
L=LO TEMP-CuNi
E=EXTRA LO TEMP-CuNi
H=LO TEMP-Cu
P=COPPER (WATER VALVE WIRING)
Q=CUPRO-NICKEL (WATER VALVE WIRING)
R=LO-TEMP-CuNi (WATER VALVE WIRING)
S=EXTRA LO TEMP-CuNi (WATER VALVE WIRING)
T=LO-TEMP-Cu (WATER VALVE WIRING)

RETURN/DISCHARGE/FILTER RACK

SS= LEFT/STR/STD
RS= RIGHT/STR/STD
LD= LEFT/DACK/STD
RD= RIGHT/DACK/STD
XA= SPECIAL

*NOTE- "SS" IS THE ONLY AVAILABLE
RETURN/DISCHARGE/FILTER OPTION
ON SIZES 048 - 120

++ N VOLTAGE AVAILABLE FOR -048-060-096,
AND -120 ONLY. N VOLTAGE IS NON UL/CSA.

@ 914 IS CSA ONLY

814/914 DECODING

68232600

REV. 13 1/24/90

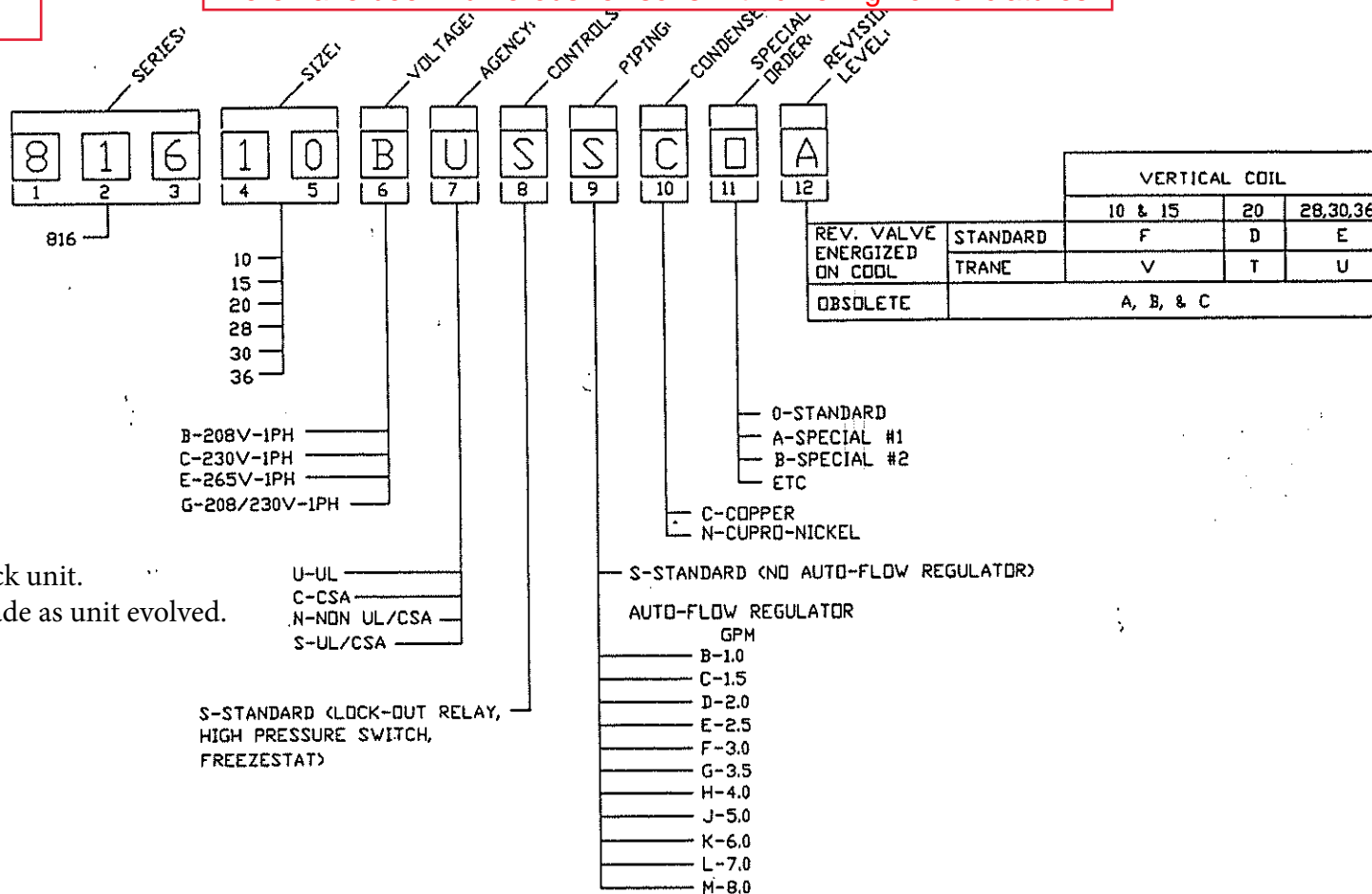
AGENCY CODE

AS=FUNCTION DEVICE(RC41C/A)
NS=DISTRIBUTOR UNIT (036-060 UNITS ONLY)
SS=STANDARD ACO/MCO
AA=ACO
AB=SHUT DOWN RELAY 24V
AC=SHUT DOWN RELAY 115V
AD=HIGH LEVEL CONDENSATE SWITCH
AE=PLC RECEIVER (SCIENTIFIC ATL 1248)
AF=FREEZESTAT
AG=ANTI-SHORT TIMER
AH=DEMAND LIMIT RELAY 24V
AJ=DEMAND LIMIT RELAY 115V
AL=LOCK-OUT RELAY DISCONNECT
AN=RANDOM START RELAY
AP=PROGRAM RELAY 24V
AQ=PROGRAM RELAY 115V
AR=PLC RECEIVER (SCIENTIFIC ATL 1249)
AU=boilerless operation
AV=SVC SIGNAL TO REMOTE T' STAT
XA=SPECIAL
AH=MCO (914-096/120 ONLY)

- * EXCEPT FOR "AA, HA, CA AND DA" ALL OPTIONS ARE ACO/MCO
- * REFERENCE BILLS FOR EXACT OPTION
- * FOR 096 & 120 SPECIALS ONLY
- * NOTE: REFER TO SHEET 2 FOR POSSIBLE STRUCTURE COMBINATIONS
- * STANDARD OPTIONS ARE NOT AVAILABLE WITH LOW TEMP AND EXTRA LOW TEMP UNITS

817 or TRM

See separate 816 file for details on the various versions of the 816. There have been numerous revisions with differing nomenclatures.



THE 816 was a vertical stack unit. Multiple revisions were made as unit evolved.

G	REV. & REDRAWN	JD	XXXX	4/25/90 \$B

DECIMALS = ± 0.031
 ANGLES = $\pm 1^\circ$

MATERIAL:

ClimateMaster

7300 SW 44th
OKLA. CITY, OK 73

TITLE: STACK UNIT DECODING SHEET
(CHASSIS)

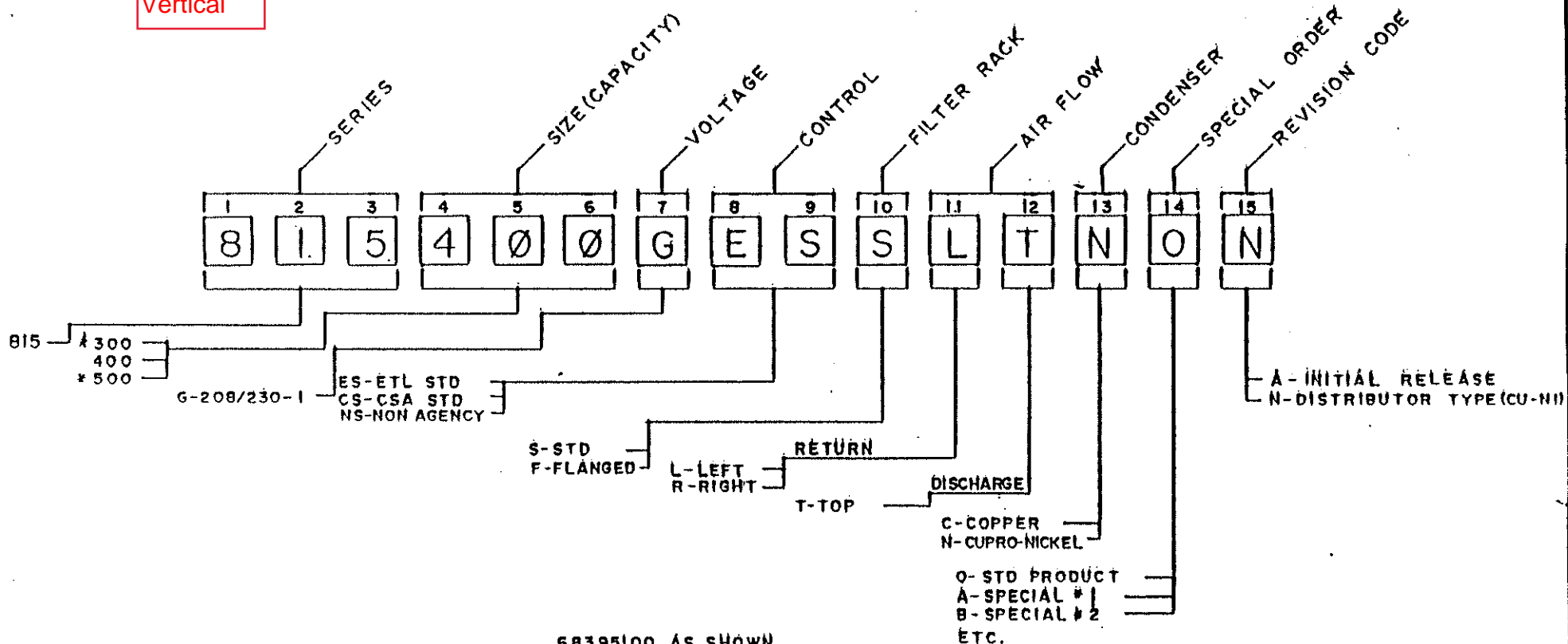
DRAWN: JD	DATE: 4/23/90	DRAWING NO: 68237000
-----------	---------------	----------------------

ENG:	DATE:	C.A.D. NO: 68237000
------	-------	---------------------

ISSUED:	DATE:	SCALE: 1	A	SHT. 1 OF
---------	-------	----------	---	-----------

815 PRODUCT CODING

Vertical



68395100 AS SHOWN

† FUTURE

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683951

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
3 PLACE DECIMALS ±
2 PLACE DECIMALS ±
ANGLES ±
FRACTIONS ±

MATERIAL

1 815 HAS BXT, TYP & PLS		2 DISTRIB		3 2-2-21 NB	
REV.	DESCRIPTION	ECO. NO.	DATE	APPROVED	
SIGNATURES					
DRAWN	D. KEBLISH	M	2	D	8
CHECKED		6	0	5	
ENG.					
WFO.					
ISSUED					
TITLE		DRAWING NO.			
ClimateMaster		2007 Beechgrove Place Union, N.Y. 13501 315-724-7111 TWX 510-600-7973			
CHART, PRODUCT CODING		683951			
815					
SCALE		SH. OF			

Vertical Stack

DRAWING NO:

Decoder 817

Z8A

1 2 3 4 5 6 7 8 9 10 11 12 13

8 1 7 09 G S P S S C S A

Series

TRM = TRANQUILITY
HIGH RISE
REPLACEMENT CHASSIS

Unit Size

09 Ⓢ
12 Ⓢ
24 Ⓢ
30 Ⓢ
36 Ⓢ

Voltage

E = 265/60/1
G = 208-230/60/1

OPTION	S.S. Drain Pan	MUTE
A	X	-
S	-	-
1	-	X
2	X	X

Controls

P = Standard (24V N.C. Safeties) for use with CXM or DXM

M = Combination Controls (24V N.C. Safeties) For use w/either Electro-Mechanical or CMC Controls. (Compare with Cabinet Decoder for Compatibility)

S = Standard (Line Voltage, Pilot Duty Lock-Out Relay, Original chassis had N.O. Switches. Replacement has N.C. High Pressure Switch, Low Pressure Switch or High Discharge Temp Switch, FreezeStat and Quick Connect cord. (Compare with Cabinet Decoder for Compatibility)

Revision Level

A = Current Revision Level

Standard

S = Standard
A = Special #1
B = Special #2
Etc.....

Heat Exchanger Options

C = Copper Coax w/Coated Air Coil
N = Cupro-Nickel Coax w/Coated Air Coil
D = Copper Coax w/Coated Air Coil & Insulated Tubing
E = Cupro-Nickel Coax w/Coated Air Coil & Insulated Tubing
F = Copper Coax w/Non-Coated Air Coil & Insulated Tubing
G = Cupro-Nickel Coax w/Non-Coated Air Coil & Insulated Tubing
L = Copper Coax w/Non-Coated Air Coil
M = Cupro-Nickel Coax w/Non-Coated Air Coil
H = Copper, RV Energized in Heating w/Coated Air Coil (Replacement Only)
J = Cupro-Nickel, RV Energized in Heating w/Coated Air Coil

Water Valve & Pump Option

S = No Water valve
M = Standard Water Valve (Normally Closed)Ⓢ

AUTO-FLOW REGULATOR (US GPM) CODE


	5/8 SWEAT		7/8 SWEAT			
	UNIT 09	UNIT 12	UNIT 15 & 18	UNIT 24	UNIT 30	UNIT 36
C	1.5					
D	2.0	2.0				
E	2.5	2.5	2.5			
F	3.0	3.0	3.0			
G	3.5	3.5	3.5			
H		4.0	4.0	4.0		
J		5.0	5.0	5.0	5.0	
K			6.0	6.0	6.0	6.0
L			7.0	7.0	7.0	7.0
M	N/A			8.0	8.0	8.0
N				9.0	9.0	9.0
P					10.0	10.0

S = STANDARD - NO FLOW REGULATOR

18 must use cabinet
fit and TRM

NOTES:

- Sizes 09 & 12 digit "8" may be "M", "S" or "P".
- Sizes 24, 30 & 36 digit "8" MUST BE "M" or "S".
- Motorized Valve not available for Digit "8" option "S".

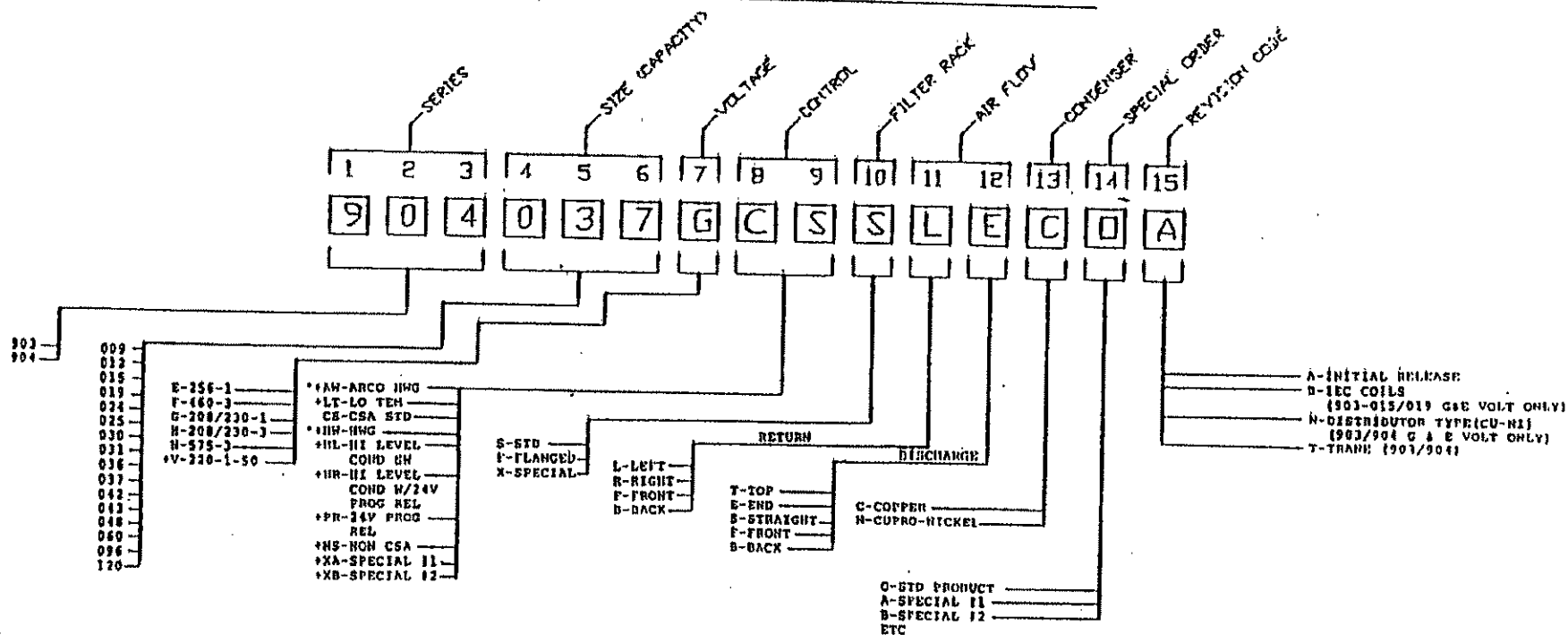
		7300SW44th OKLA CITY, OK 73179	
		DRAWING NO: Decoder 817	
DRAWN: DR	DATE: 12/03/09	ENG: JIM T.	DATE: 12/03/09
ISSUED: 09-0490	DATE: 12/03/09	A SHEET 1-2	

E SEE SHEET 2 FOR REVISION HISTORY

REV DESCRIPTION

Cooling Only
Packages

903,904 PRODUCT CODING



NOTES:
* = HOT WATER GENERATOR
+ = NON CSA
903,904 NOT UL APPROVED

REFER TO SHEET 2 FOR
POSSIBLE STRUCTURE
COMBINATIONS

903/904 DECODING
DWG. NO. 68821701