50 Series – Carrier units

Climatemaster made units for Carrier from about 1992 to 2016.

We made numerous model numbers over this span.

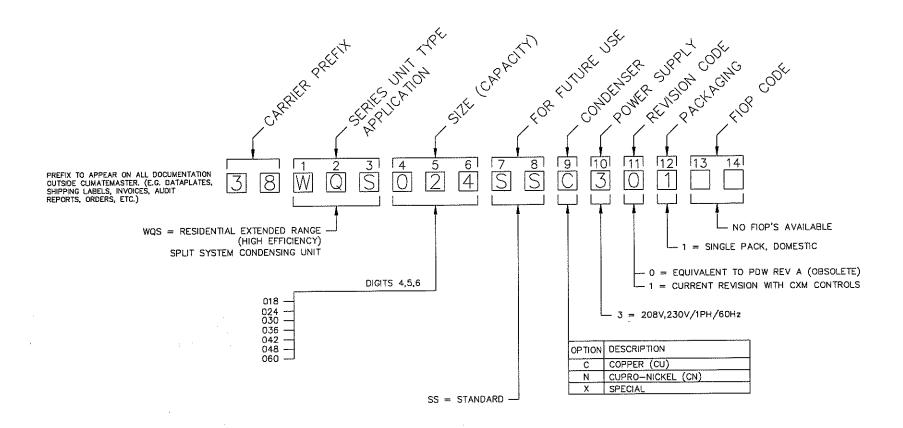
We made one split system condensing unit which began with the number 38.

Otherwise, all units were packaged WSHP units. These began with the number 50.

Often the equivalent Climatemaster model number was shown in upper left corner.

No non-CLM manufactured data is included.

CLASS CODES: WQS = Z68



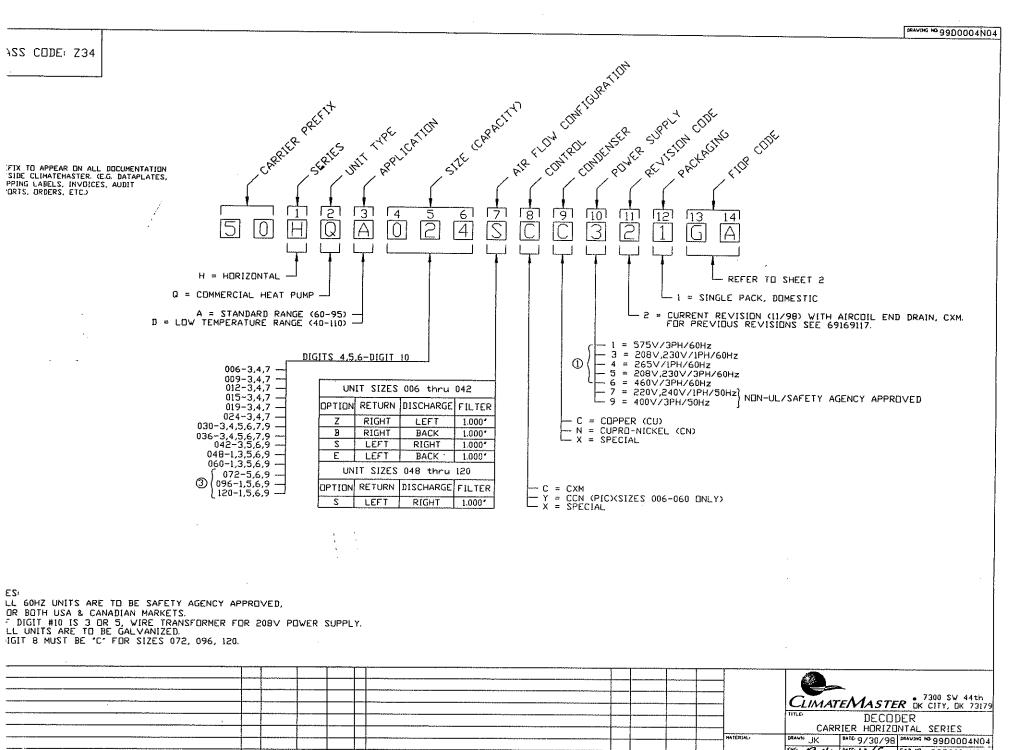
- ALL UNITS ARE BOTH CSA AND NRTL APPROVED. WIRE TRANSFORMERS TO 230V POWER SUPPLY.

L														
				1		VV			XX	><	><			155
_			1						1					EN
l				<u> </u>			 		 		 			DR.
⊢		+	 	 	+		 			i	1		- L- I	╙
Г	<u> </u>		I		1						1		+1*	1
			<u> </u>				 		 	ļ			±.031 ANGLES	ทา
ᆫ				 	 		 		1		T	1	±.031	
Г				I	1	ĺ					1	1	DECIMALS	1
1				<u> </u>			 		_				TOLERANCES ON:	ĺ
<u> </u>		+	ļ	-	 		 	···	 			1	unless specified Otherwise desimbrons are in inches, Tolerances on:	ĺ
⊢		T	l	T			 		I		1		UNLESS SPECIFIED	ĺ
	2. UNITS TO BE PAINTED "PLOAR ICE"						 							ī

CLIMATE MASTER	. 7300 SW 44th OK CITY, OK 73179

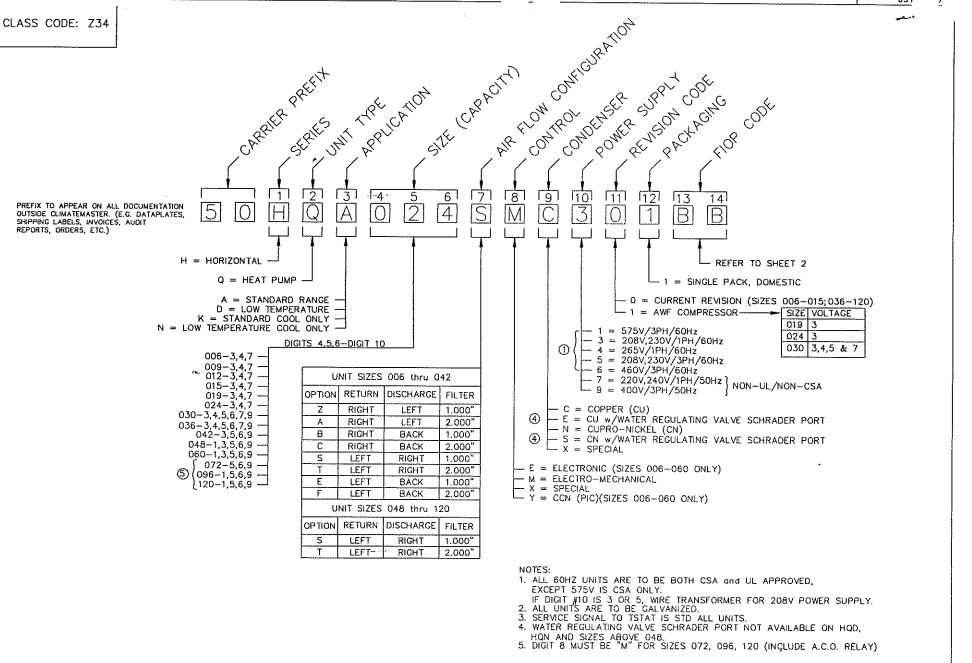
"" DECODER EXTENDED RANGE CARRIER SPLIT SERIES

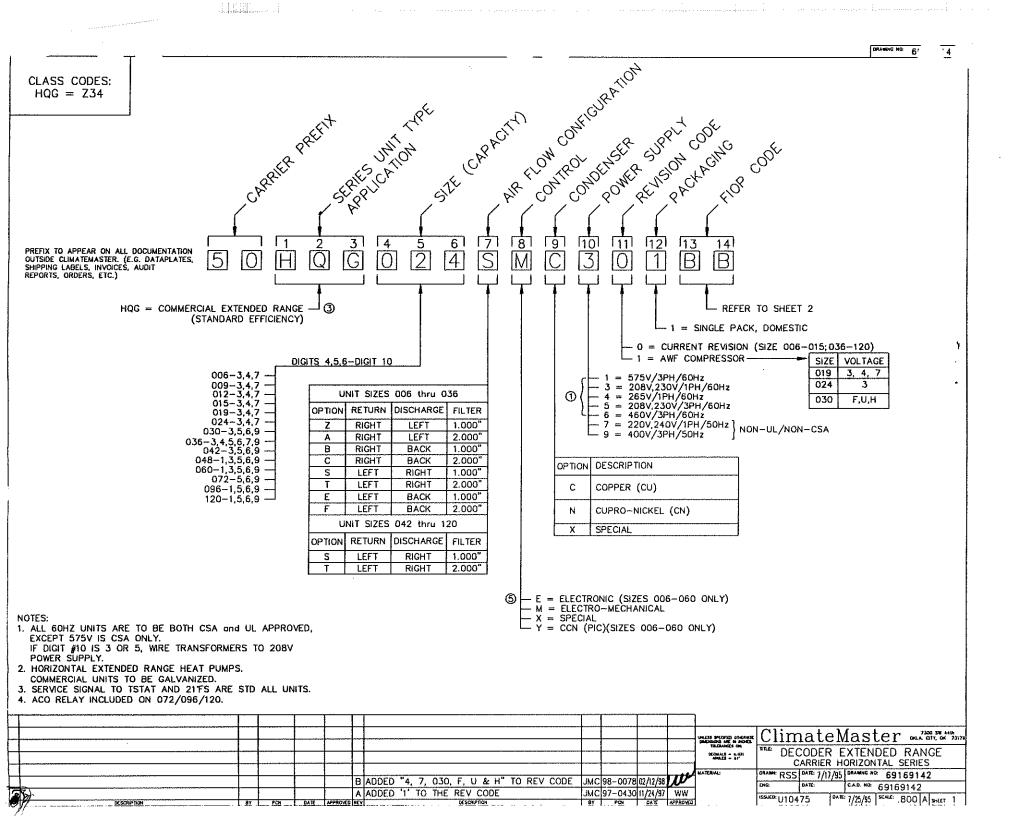
DATE: 5/21/99 DRAWING NO. 99D0004N15 ENG: WW PATE: \$\frac{726}{54} \text{ c.a.d. No. } 99D0004N15\$\$ \$\text{issued: } 99-0290 \text{ Pate: } 5/21/99 \text{ scale: } .800 \text{ A skeet } 1\$\$

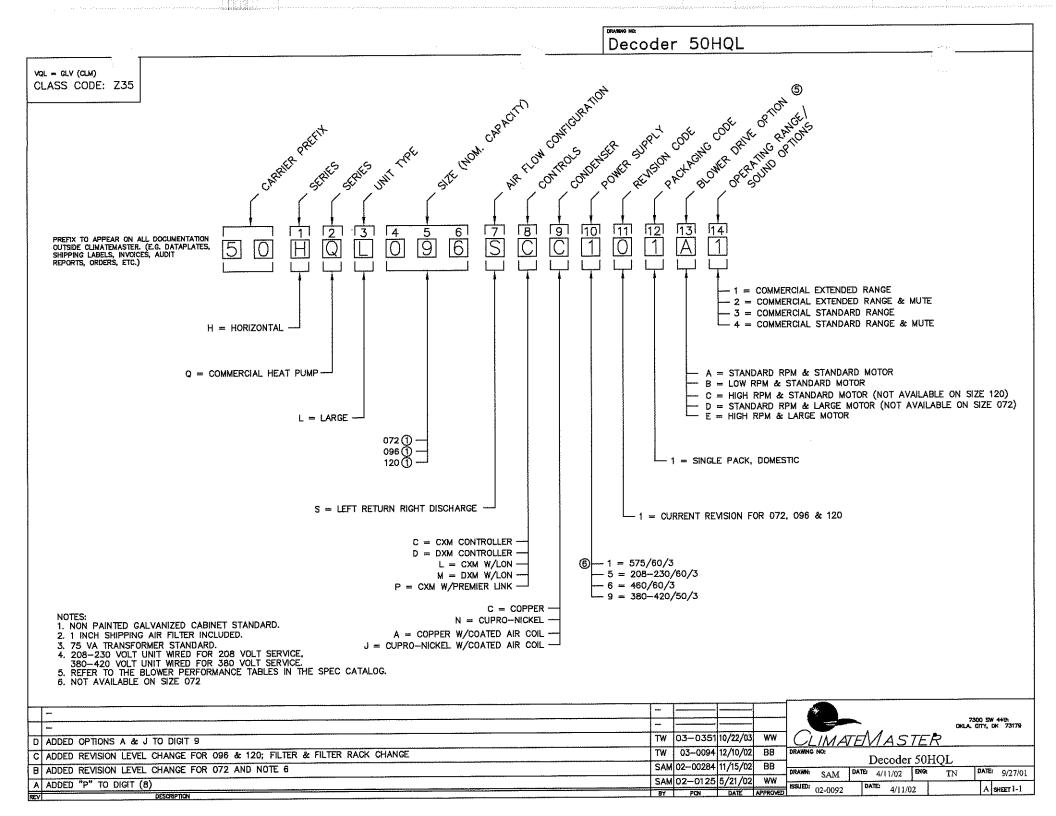


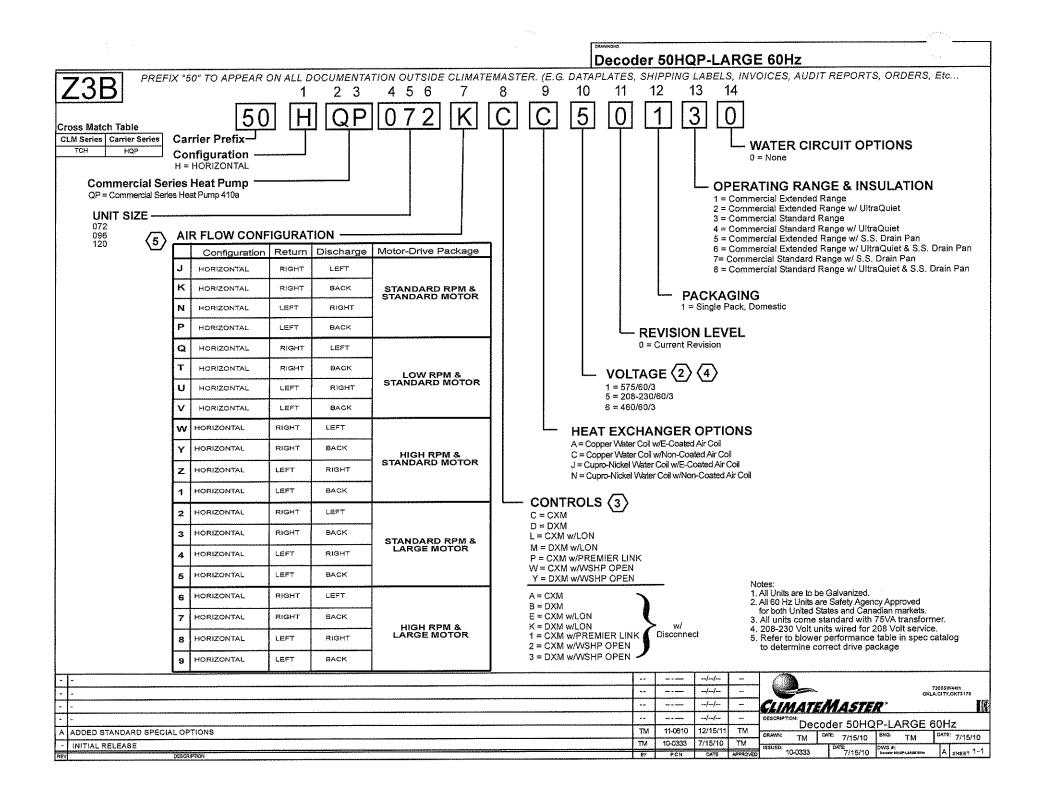
CNG 84 PATC /0/9 CAB NO 990004N04

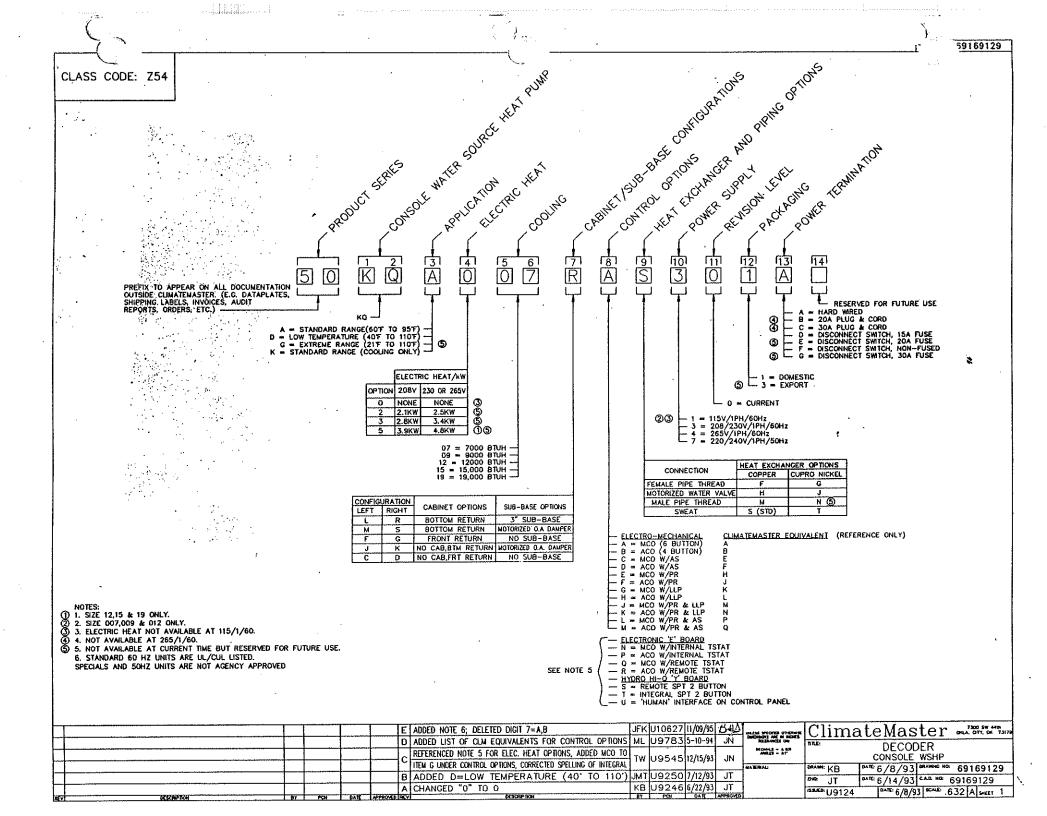


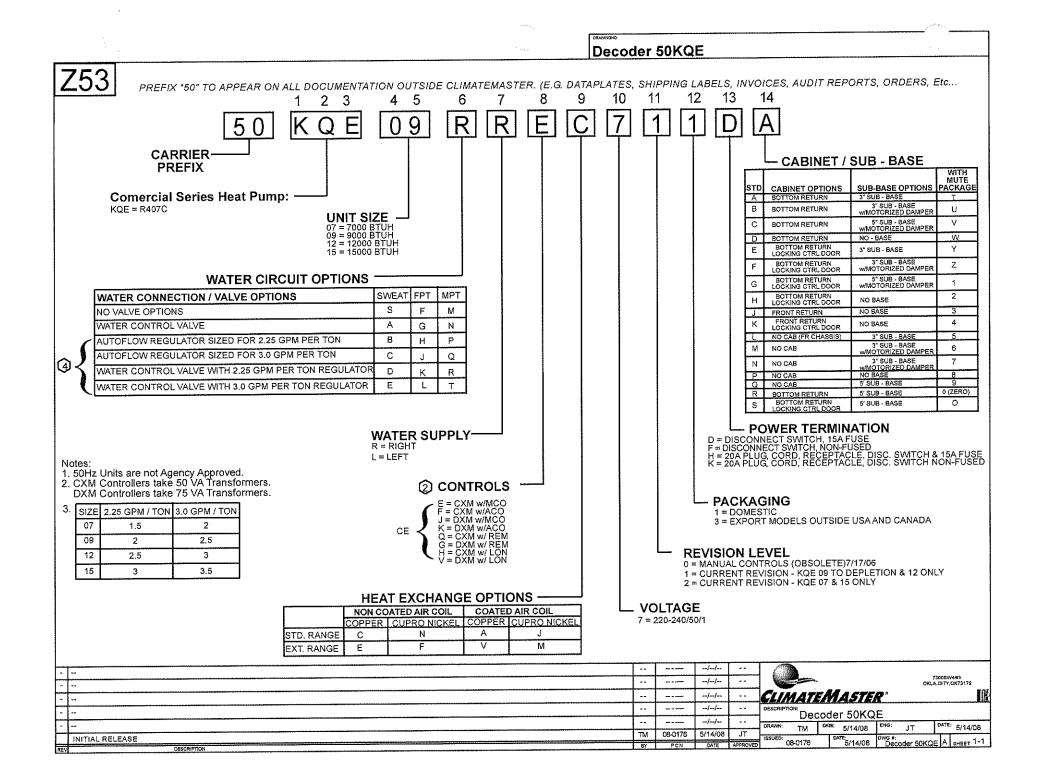


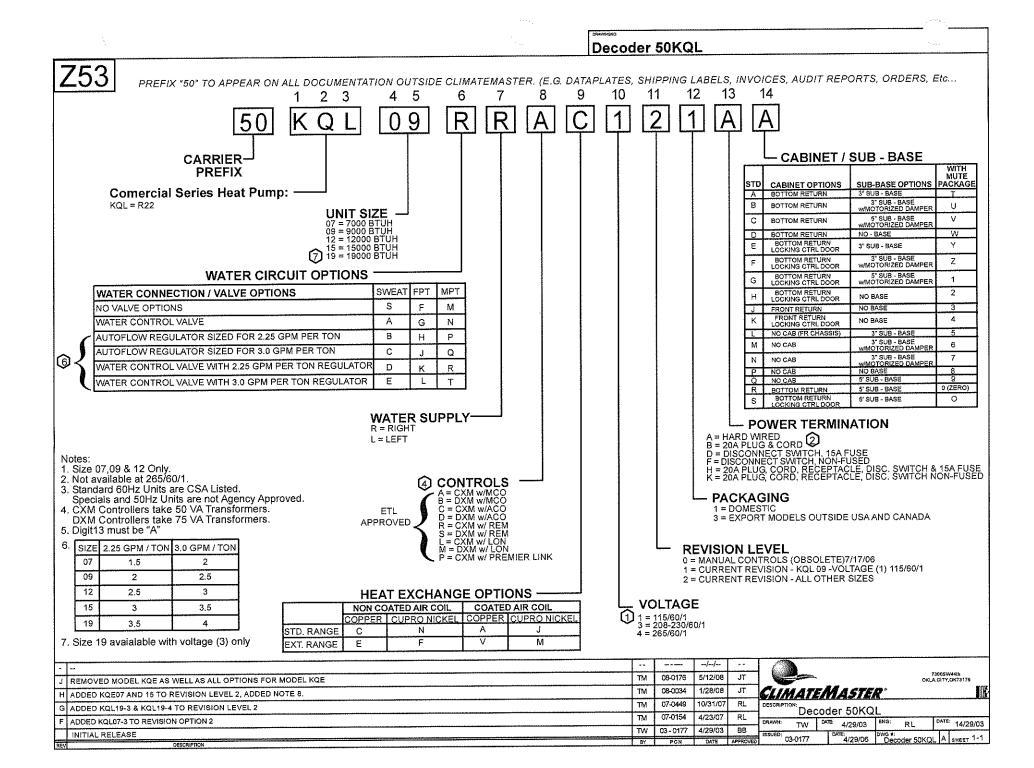


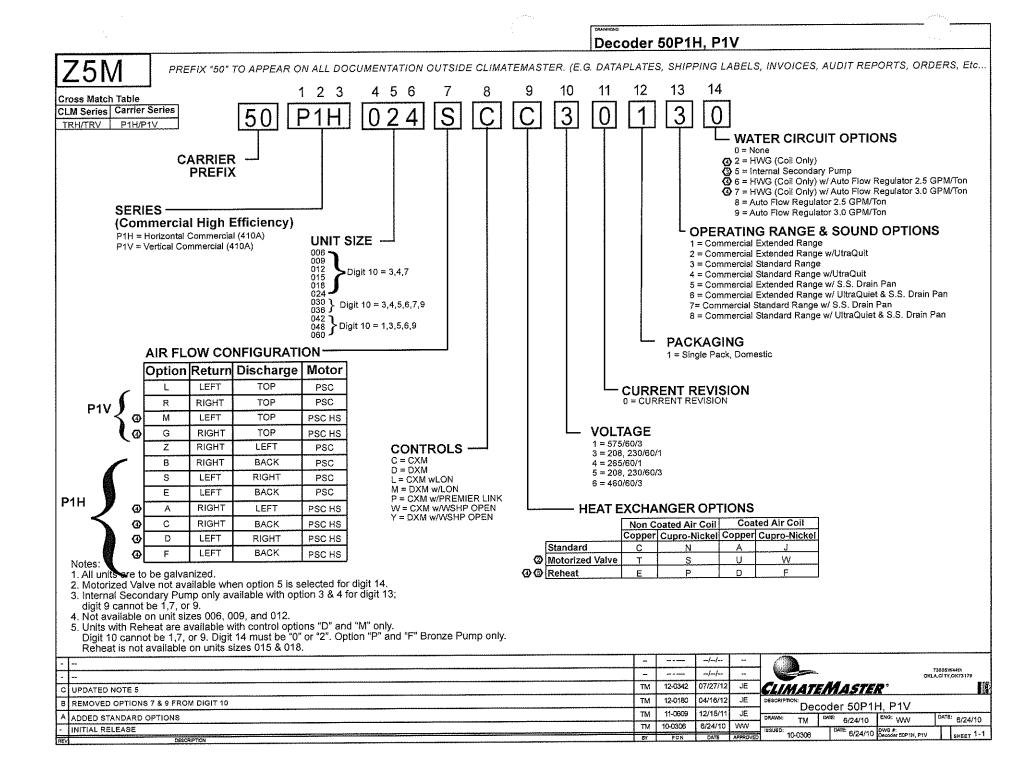


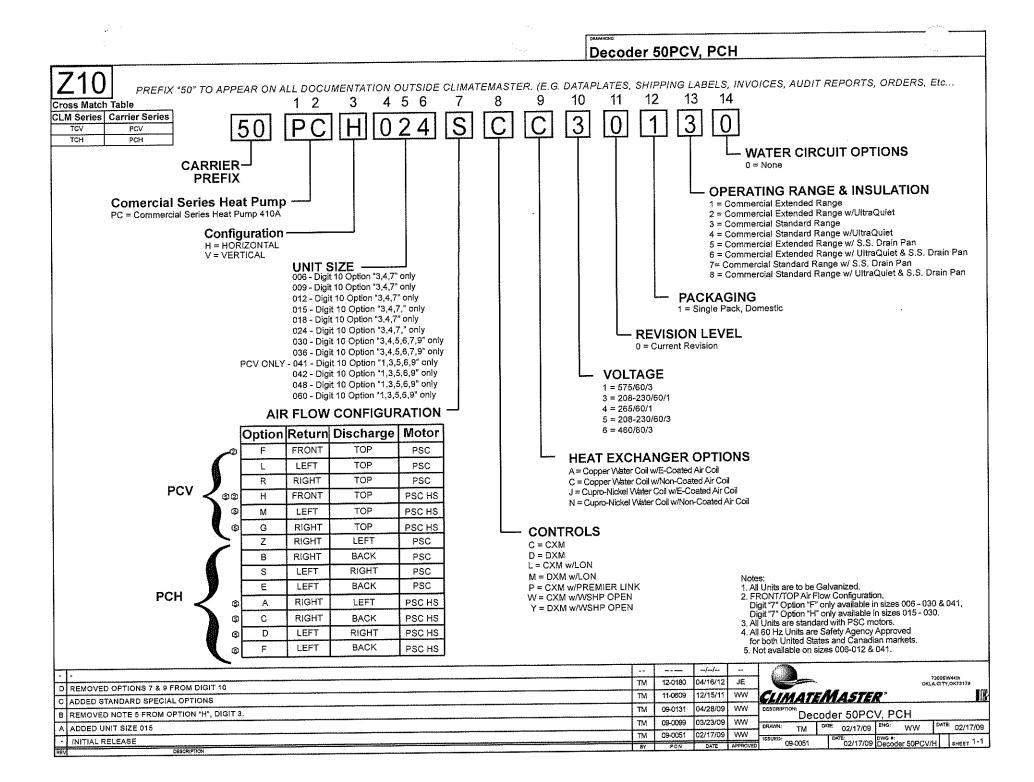


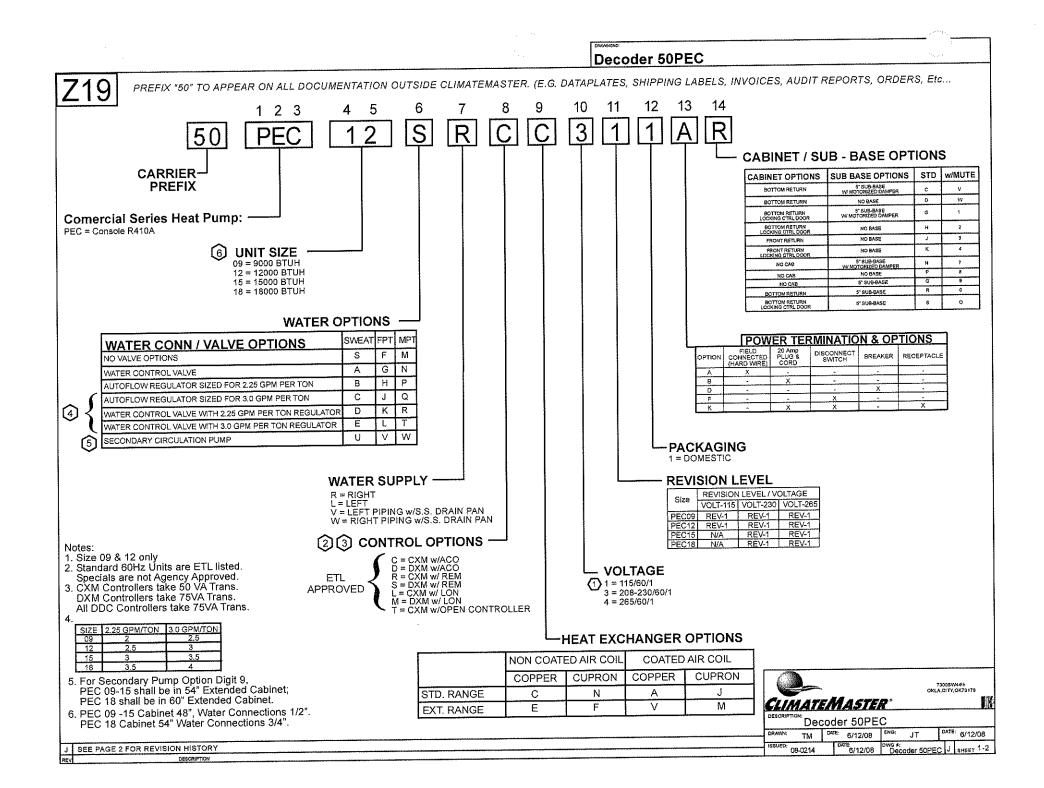


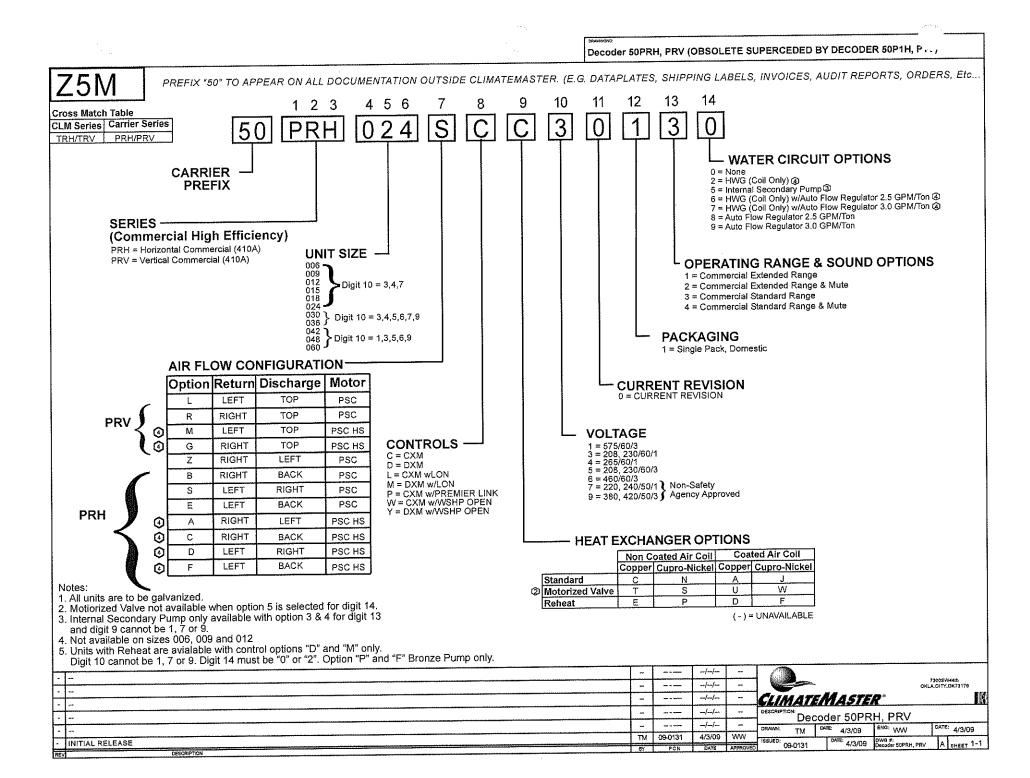


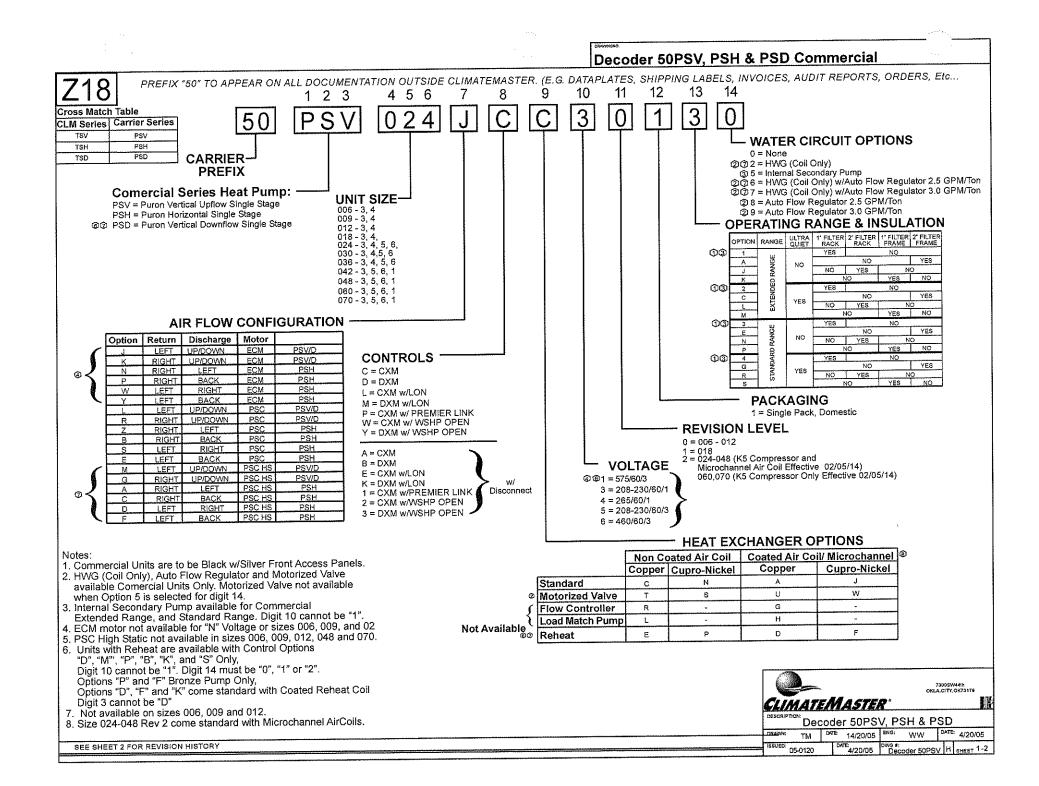


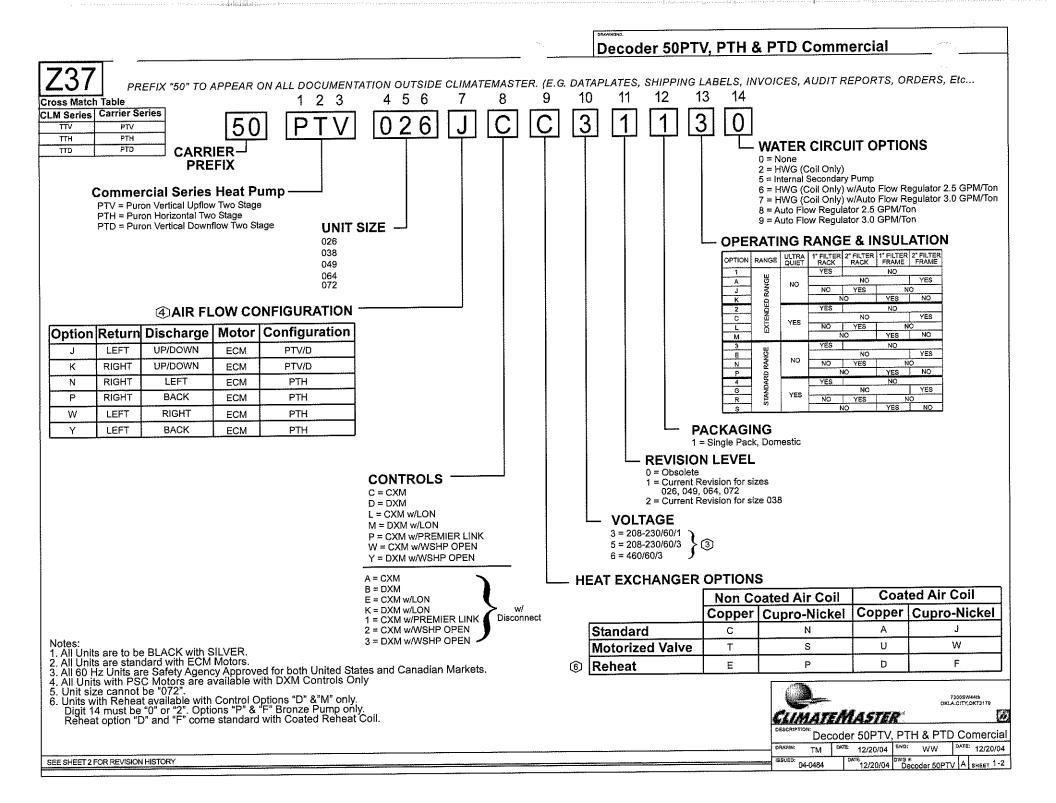


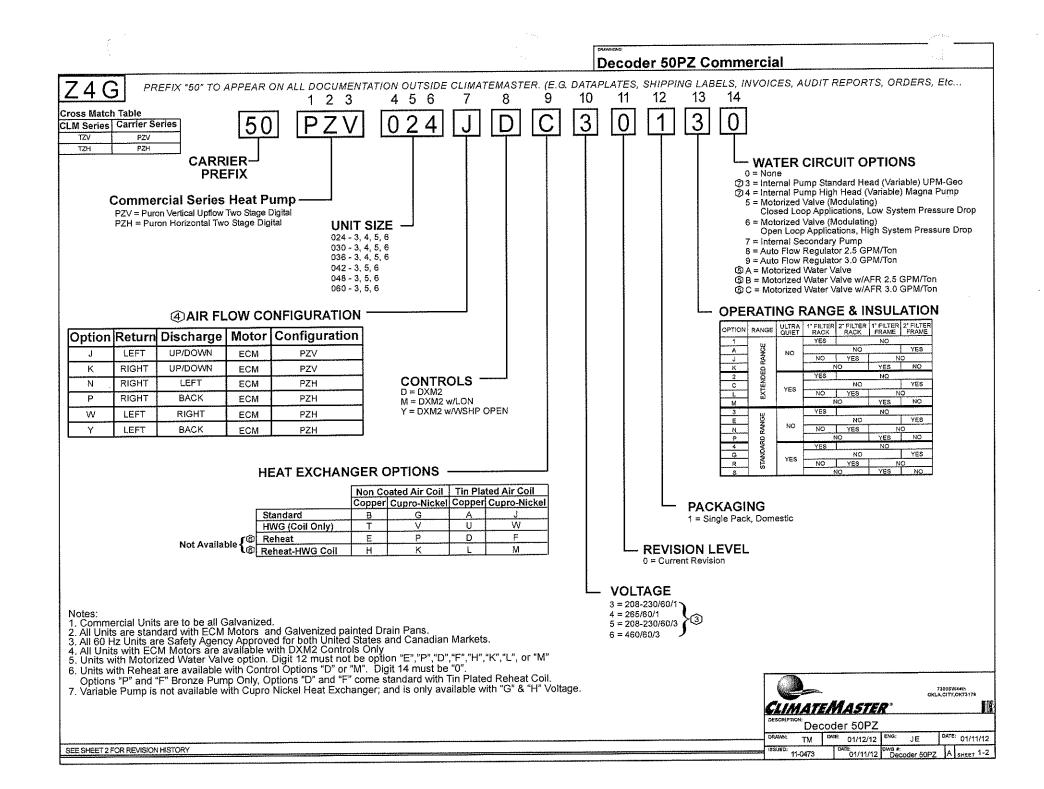


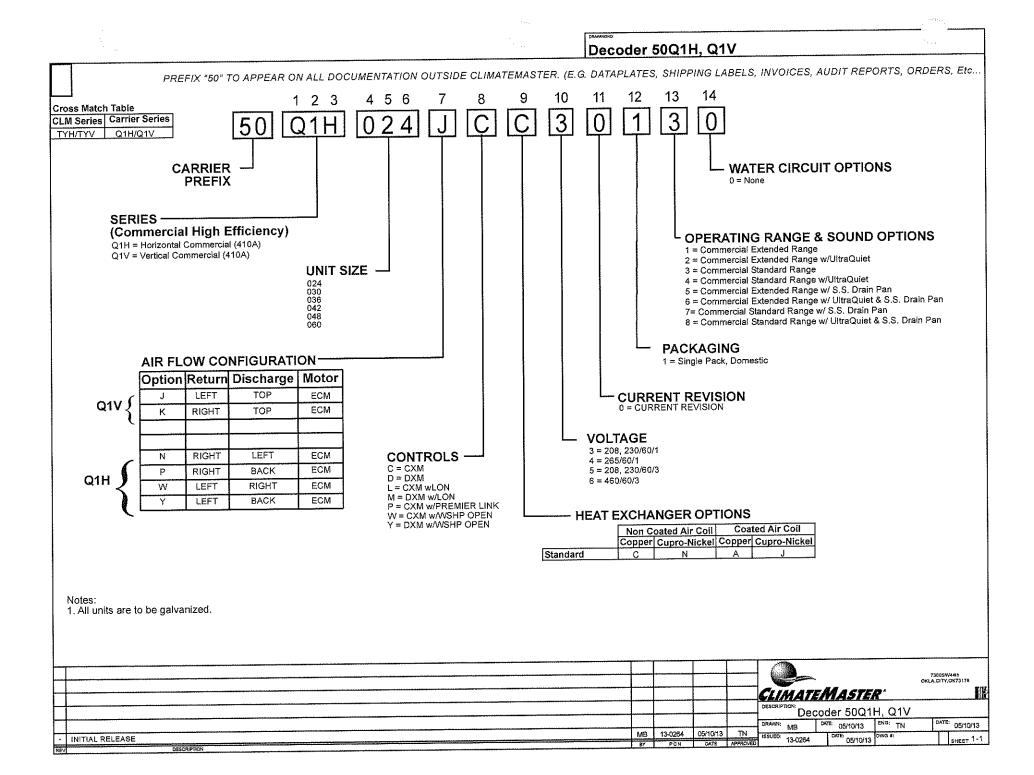


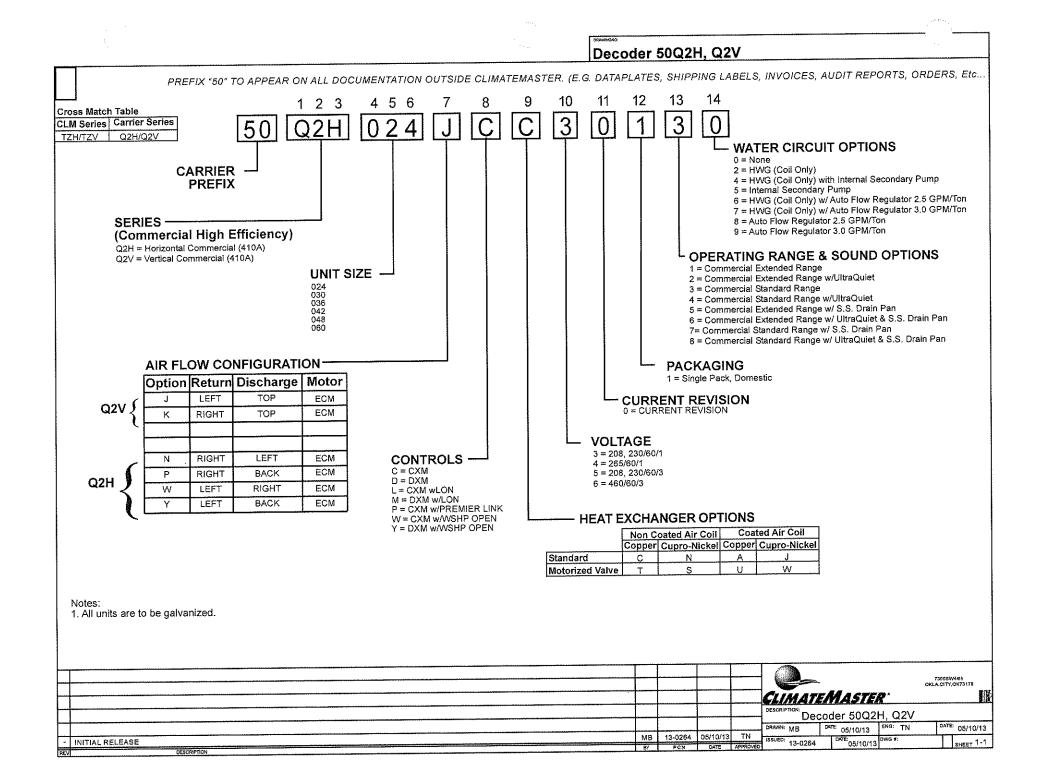


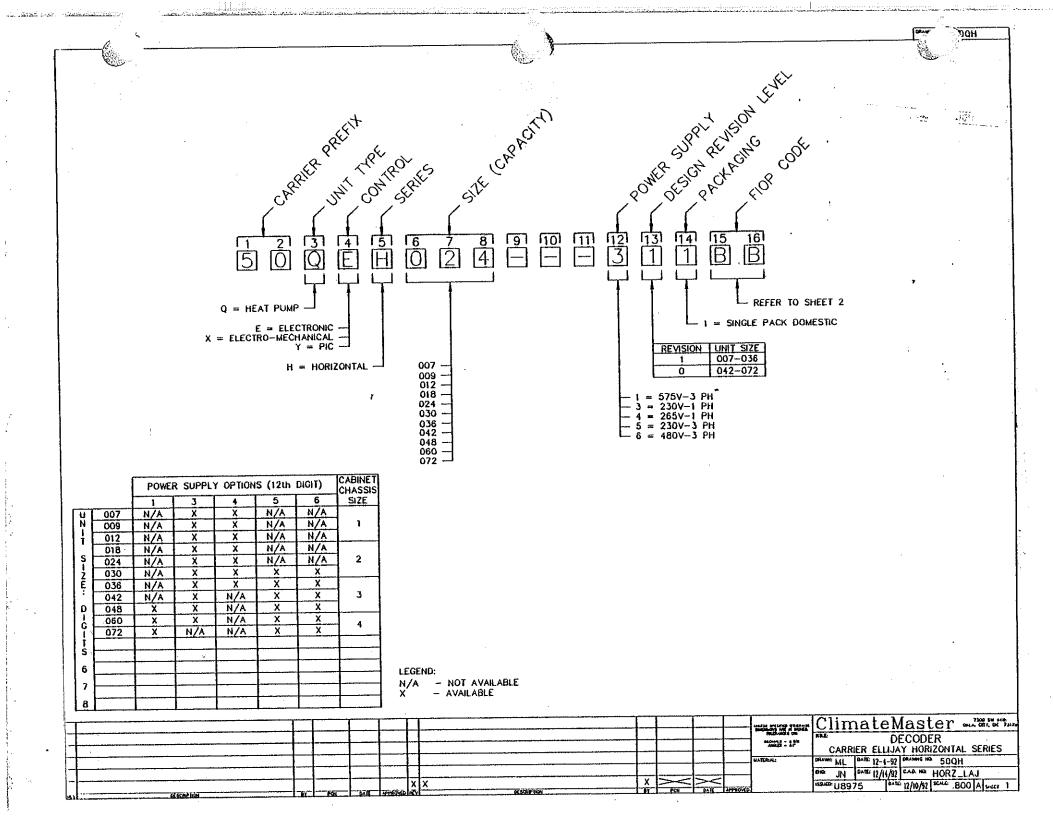


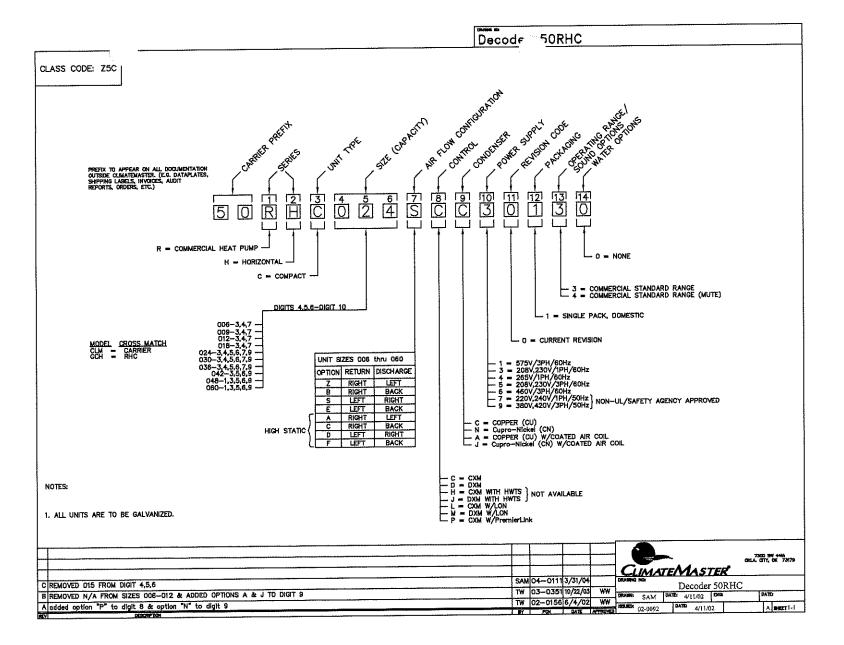




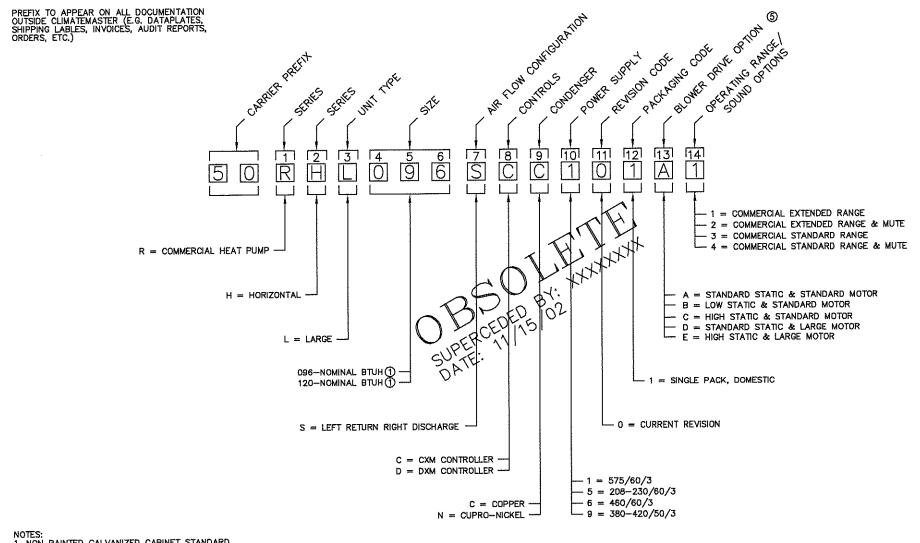








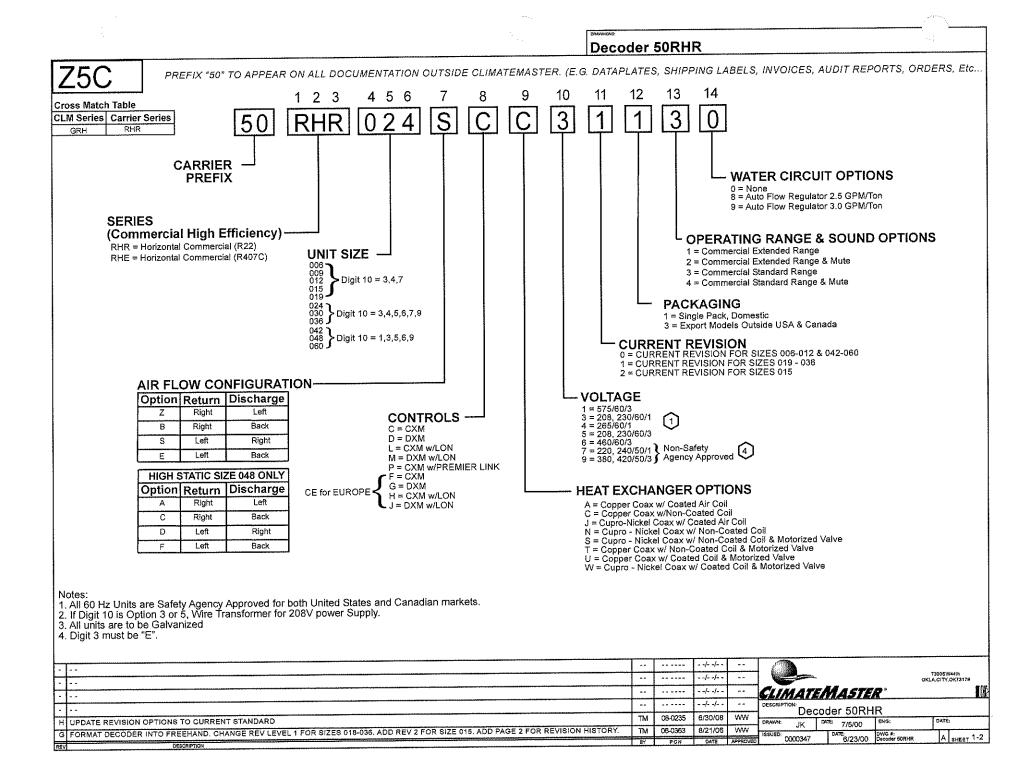


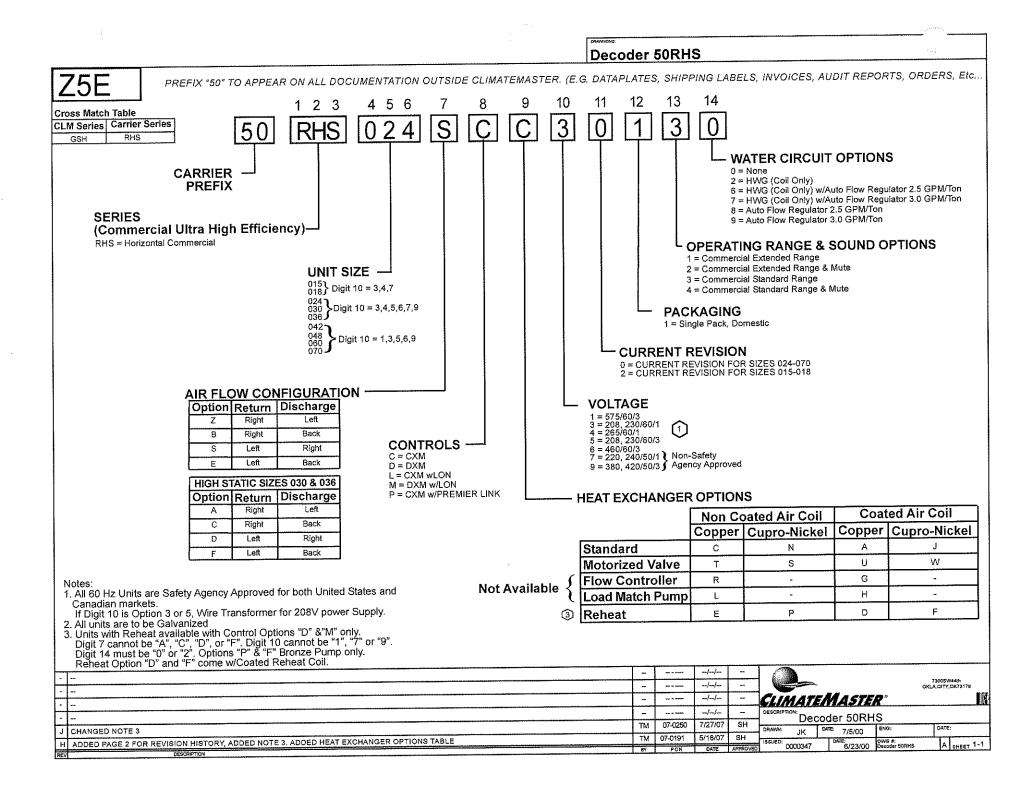


- 1. NON PAINTED GALVANIZED CABINET STANDARD.
- 2. 1 INCH SHIPPING AIR FILTER INCLUDED.

- 2. 75 VA TRANSFORMER STANDARD.
 4. 208—250 VOLT UNIT WRED FOR 208 VOLT SERVICE,
 380—420 VOLT UNIT WRED FOR 380 VOLT SERVICE.
 5. REFER TO THE BLOWER PERFORMANCE TABLES IN THE SPEC CATALOG.

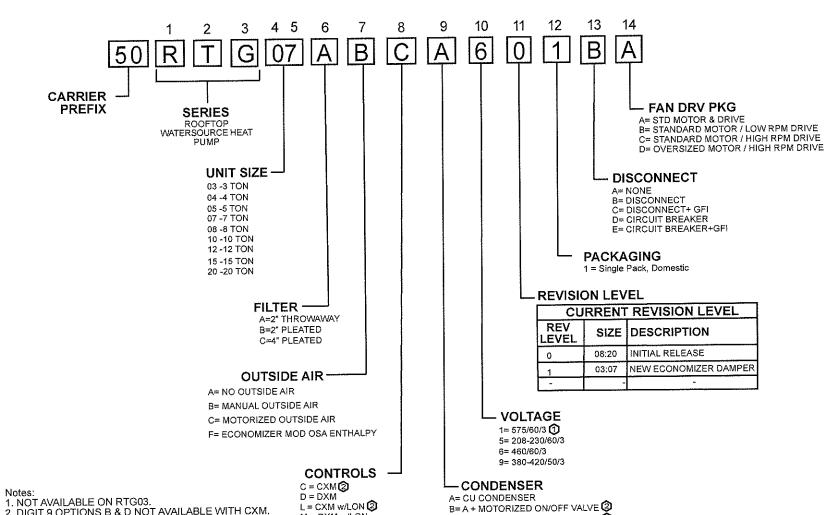
	_			-				
	-							7300 SW 44th OKLA, CITY, OK 73179
_	-				$\Box C_{l}$	IMA	TEMASTER	
		<u> </u>		1	DRAWING	NO:	Decoder 50RI	-11
-	_				DRAWN:	TW	DATE: 9/27/01 ENG:	TN DATE: 9/27/01
- INITIAL RELEASE	TW	01-0389			ISSUED:	- "	DATE: 9/27/01	A SHETI-1
REV DESCRIPTION	ay	PCN	CATE	APPROVED	Ц	-	3,2,1,01	1.112.12.12.1





Decoder 50RTG ROOFTOP

PREFIX "50" TO APPEAR ON ALL DOCUMENTATION OUTSIDE CLIMATEMASTER. (E.G. DATAPLATES, SHIPPING LABELS, INVOICES, AUDIT REPORTS, ORDERS, Etc...



2. DIGIT 9 OPTIONS B & D NOT AVAILABLE WITH CXM.

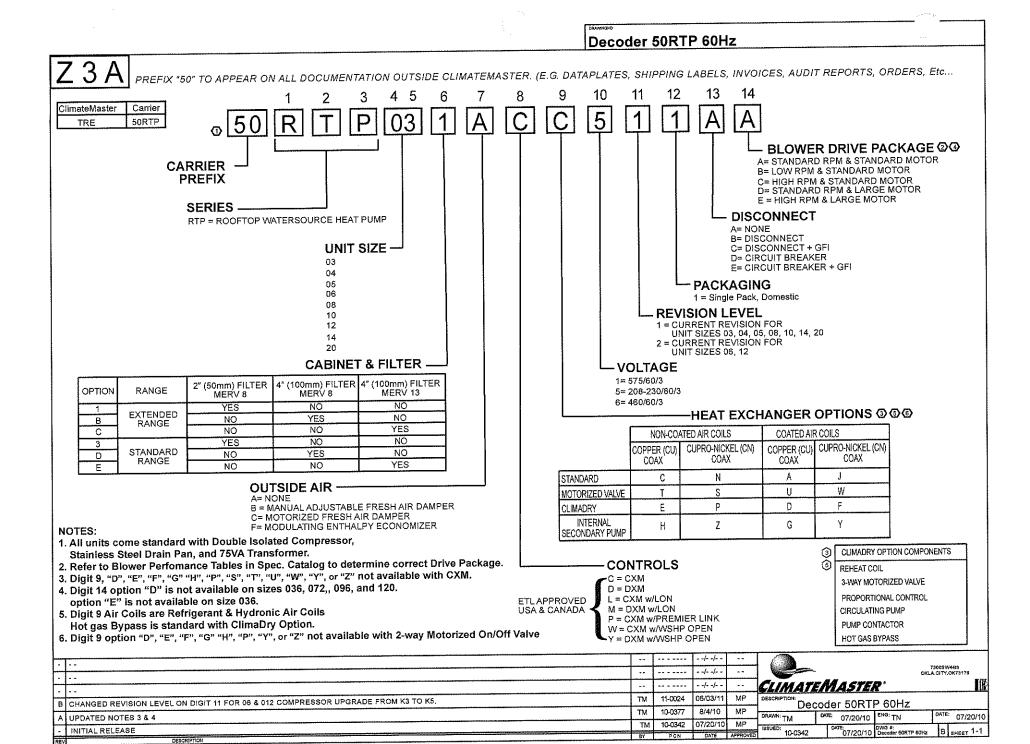
M = DXM w/LON

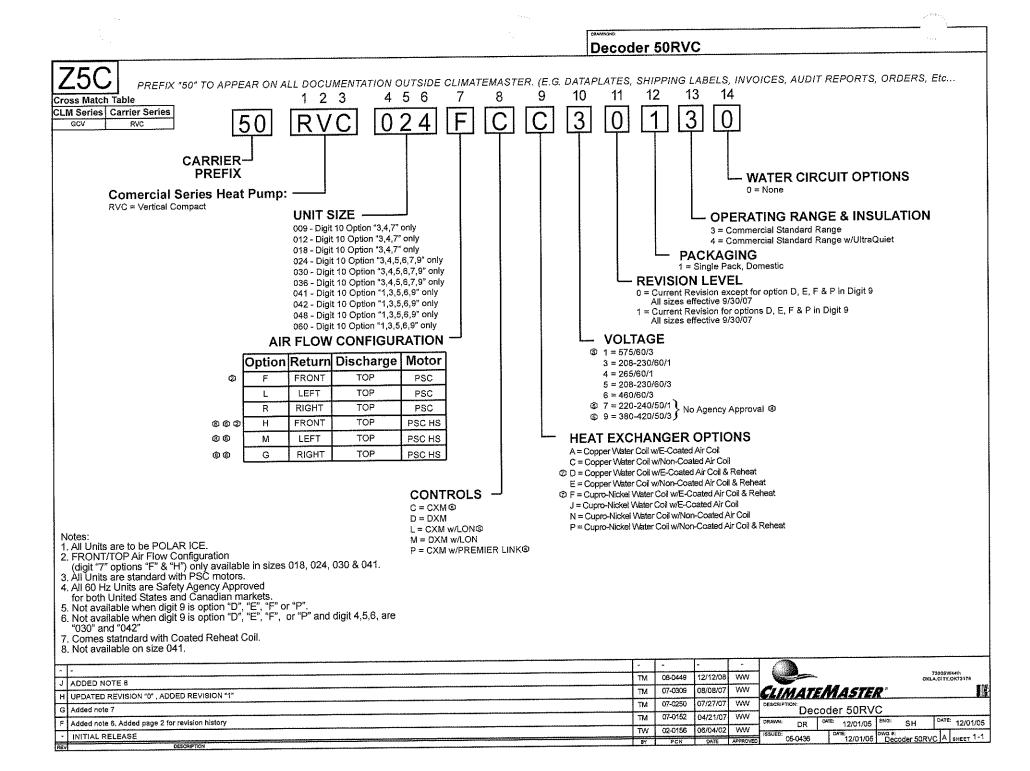
P = CXM w/PREMIER LINK 2

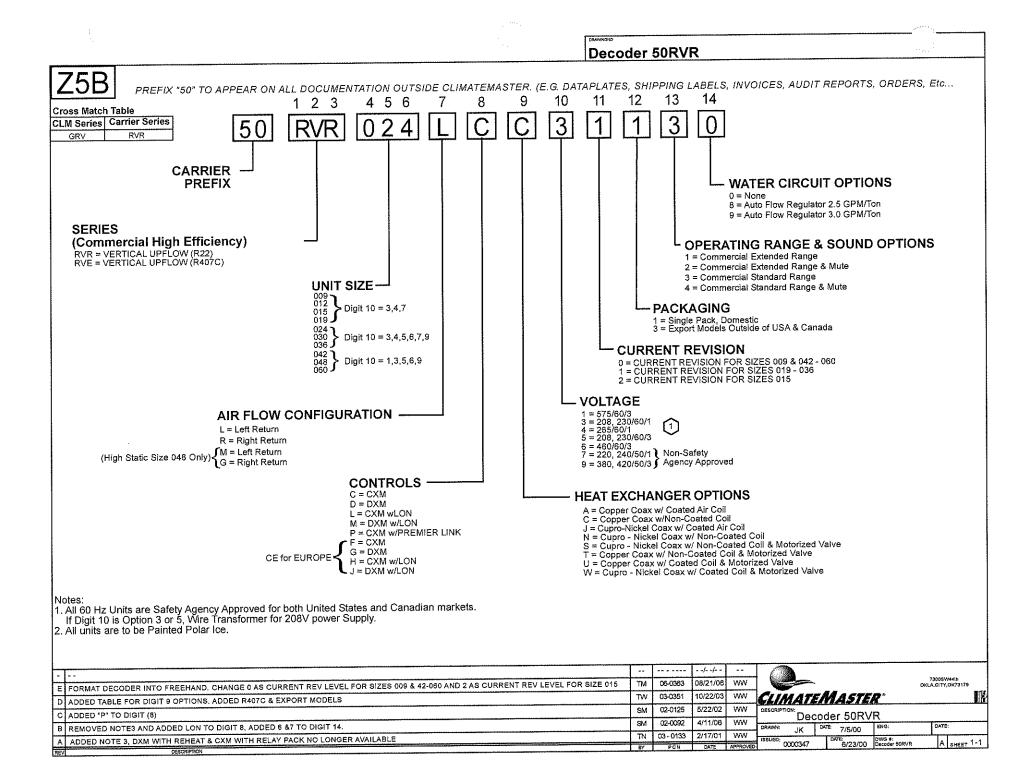
D= N + MOTORIZED ON/OFF VALVE (2)

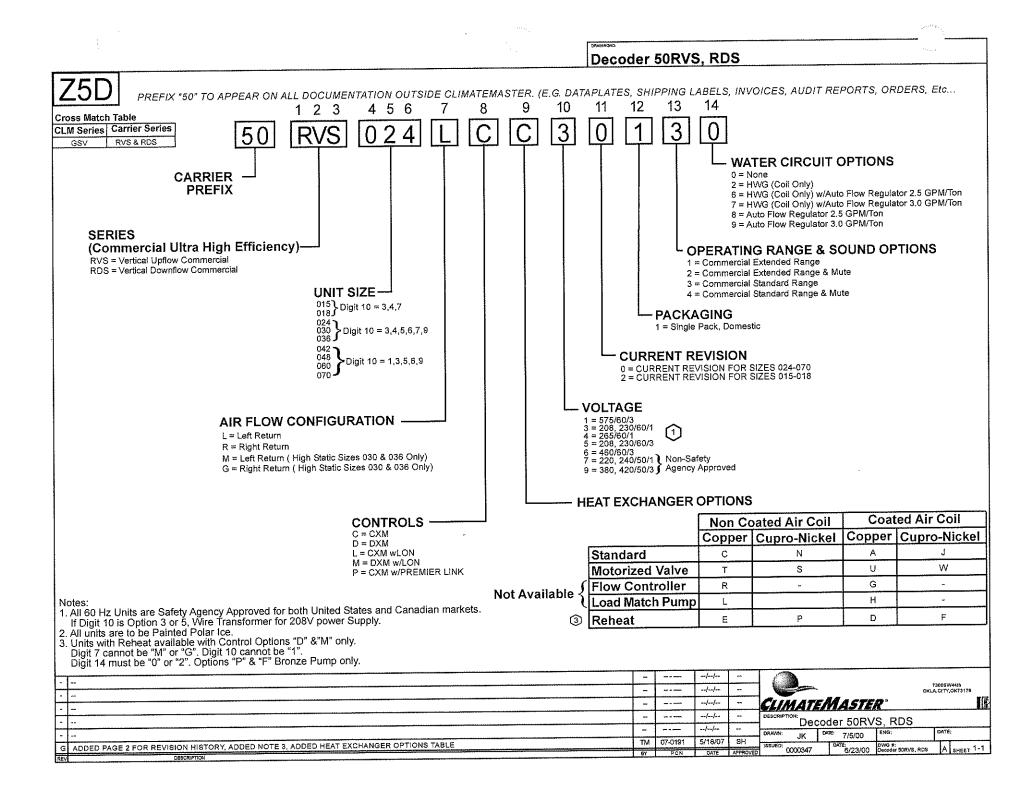
N= CN CONDENSER

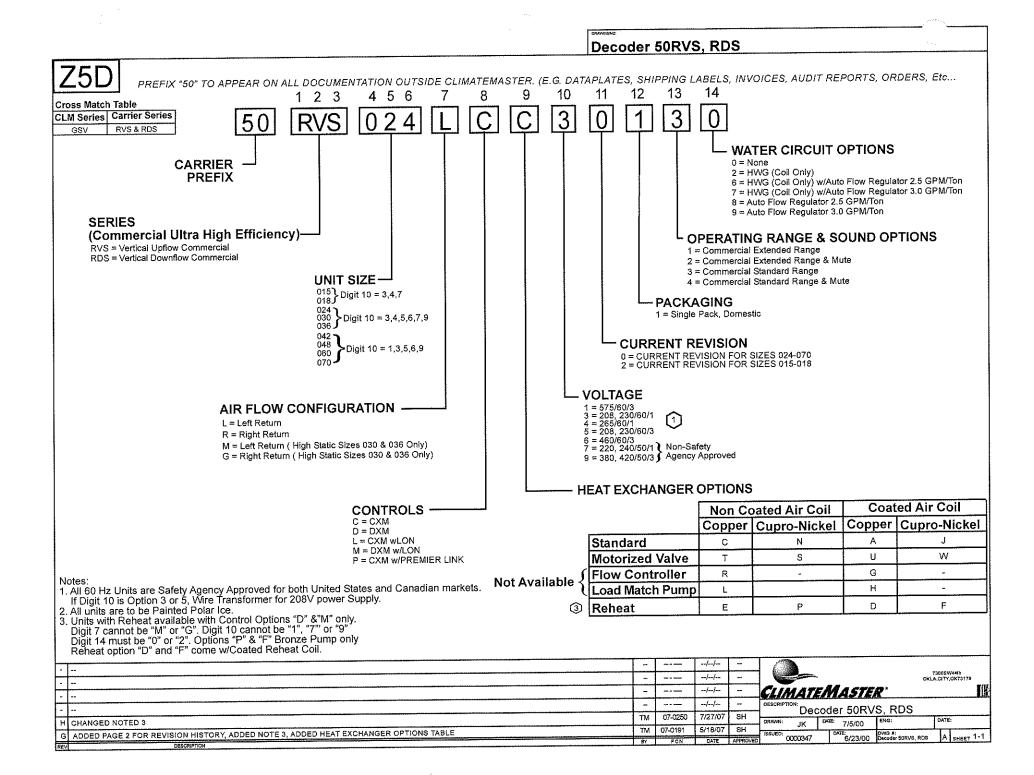
1				//				
-	ADD NOTE 2			//				73005W44th OKLA.CITY,OK73178
	ADD CODE P TO CONTROLS AND DELETE E AND F	TM	06-0241	6/6/06	MP	CLIMATE	MASTER"	IX
щ	ADDED REVISION BOX	SAM	03-0335	10/7/03			der 50RTG ROOF	TOP
_	ADDED NOTE 1 AND LON TO DIGIT 8.	SAM	02-0092	4/11/02	88	DECOC		DATE:
1	ADDED 9 = 380-420V/3PH/50HZ TO DIGIT (10)	SAM	00-0504	2/16/01	ww	ISSUED: DOCS 47	DATE: DWG #:	RTG A SHEET 1-1
	GSCRIPTION GSCRIPTION	BY	PCN	DATE	APPROVED	000347	09/15/04 Decoder 50R	(IG SHEET ' '



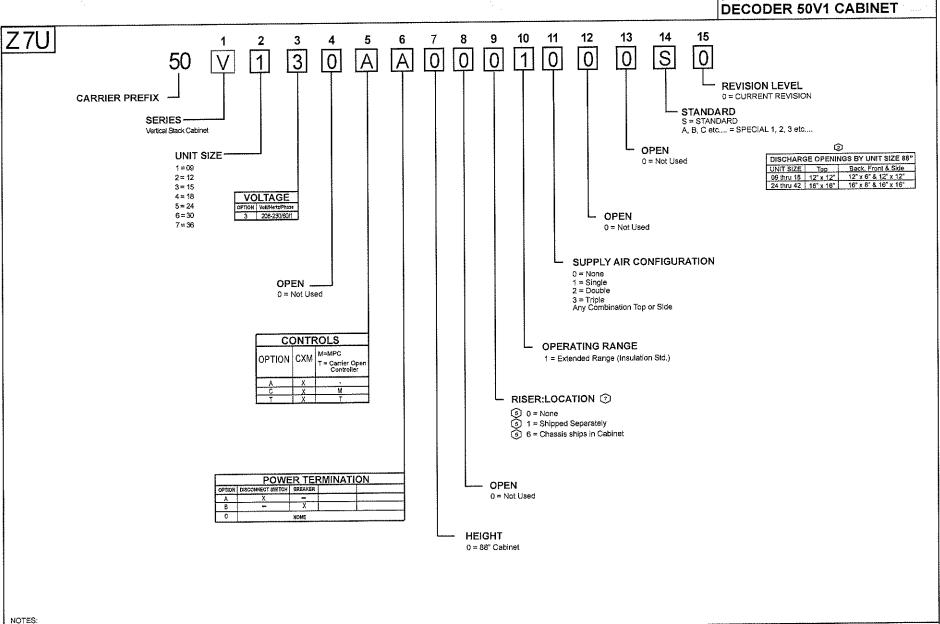








Decoder 50RWS RWS 036 - 120 = Z5FRWS 360 = Z59PREFIX "50" TO APPEAR ON ALL DOCUMENTATION OUTSIDE CLIMATEMASTER. (E.G. DATAPLATES, SHIPPING LABELS, INVOICES, AUDIT REPORTS, ORDERS, Etc... 12 13 10 4 5 6 CARRIER WATER CONNECTION LOCATION **PREFIX** UNIT SIZE WATER CONNECTION LOCATION 360 036, 060 120 UNIT TYPE APPLICATION : F = Front Water Conn RWS = Commercial Heat Pump H = Front Water Conn. w/HWG Coil Only Χ Χ _ UNIT SIZE (CAPACITY) B = Rear Water Conn Х C = Rear Water Conn. w/HWG Coil Only 036 - (3,4,5,6,7,9) Х 060 - (1,3,5,6,9) L = Left Water Conn. 120 - (1,3,5,6,9) M = Left Water Conn. w/HWG Coil Only Х 360 - (1,5,6,9) Χ Χ R = Right Water Conn. S = Right Water Conn. w/HWG Coil Only HEAT EXCHANGER OPTIONS 036, 060, 120 C = Copper (CU) N = Cupro - Nickel (CN) ONLY V = Double Wall Vented (CU INNER TUBE) 360 | B = Brazed Plate HX w/Stainless Steel Plates **OPERATING RANGE & SOUND: OPTIONS** ONLY (Not Suitable for Sea or Brackish Water) 1 = Commercial Extended Range w/ Insulation 2 = Commercial Extended Range w/ Insulation & Mute CONTROLS **PACKAGING** 1 = Single Pack, Domestic AGENCY APPROVAL CONTROL OPTIONS REVISION C = CXM2 = Current Revision - 360 ONLY CSA / NRTLL D = DXM1 = Current Revision - 036, 060, 120 ONLY = CXM w/LON (COMMERCIAL ONLY) NON CE **VOLTAGE** M = DXM w/LON (COMMERCIAL ONLY) 1 = 575/60/3 P = CXM w/PREMIER LINK 3 = 208-230/60/1 CSA/NRTL F = CXM 4 = 265/60/1CE FOR G = DXM5 = 208-230/60/3 **EUROPE** 6 = 460/60/3 H = CXM w/LON (COMMERCIAL ONLY) 7 = 220-240/50/1 No Agency Approval J = DXM w/LON (COMMERCIAL ONLY) 9 = 380-420/50/3 SOURCE WATER COIL OPTIONS 036, 060, 120 C = Copper (CU)
ONLY N = Cupro Nickel (CN) NOTES: 1. UNITS ARE PAINTED POLAR ICE, EXTENDED RANGE STANDARD. 2. 50 VA TRANSFORMER (036-060) 75 VA TRANSFORMER (120) 3. UNIT TRANSFORMER WIRED 208V 360 JB = Brazed Plate HX w/Stainless Steel Plates 4. UNIT TRANSFORMER WIRED 240V (Not Suitable for Sea or Brackish Water) ONLY **L** 5. UNIT TRANSFORMER WIRED 380V 6. DIGIT 10, "1" VOLTAGE NOT AVAILABLE ON SIZE 036. -- - ----73005304465 --/--/--_ - ------/--/---- -- ----LIMATEMASTER --/--/--Decoder 50RWS TM 06-0276 6/21/06 MP ADD NOTE 6, UPDATE DIGIT 11 TO CURRENT STANDARD. SAM DATE: 4/4/02 SAM 02-0092 4/4/02 WE-4/4/02 DWS #: Decoder 50RWS A SHEET 1-2 INITIAL RELEASE



1, ALL OPTIONS: (0) IS NUMERICAL ZERO.

- SEE PAGE 2 FOR REVISION HISTORY

2. DISCHARGE AIR OPENINGS LIMITED TO SIZES SHOW IN TABLES.

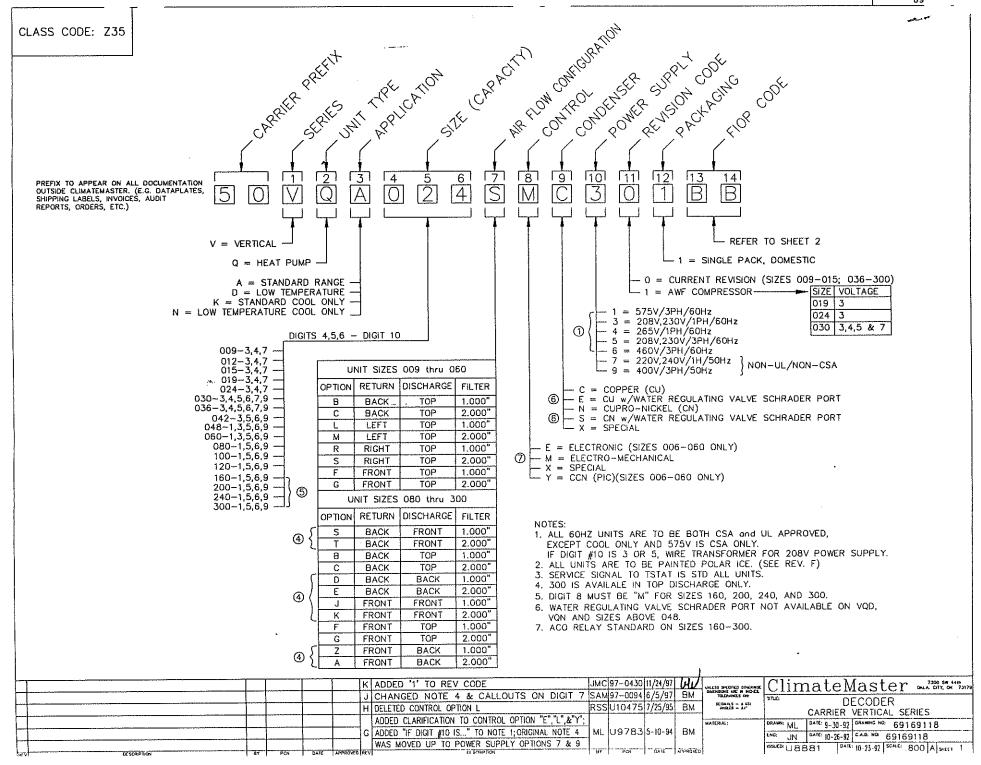
3. "X" IN PLACE OF DIGITS "3" THROUGH 13" = SPECIAL.

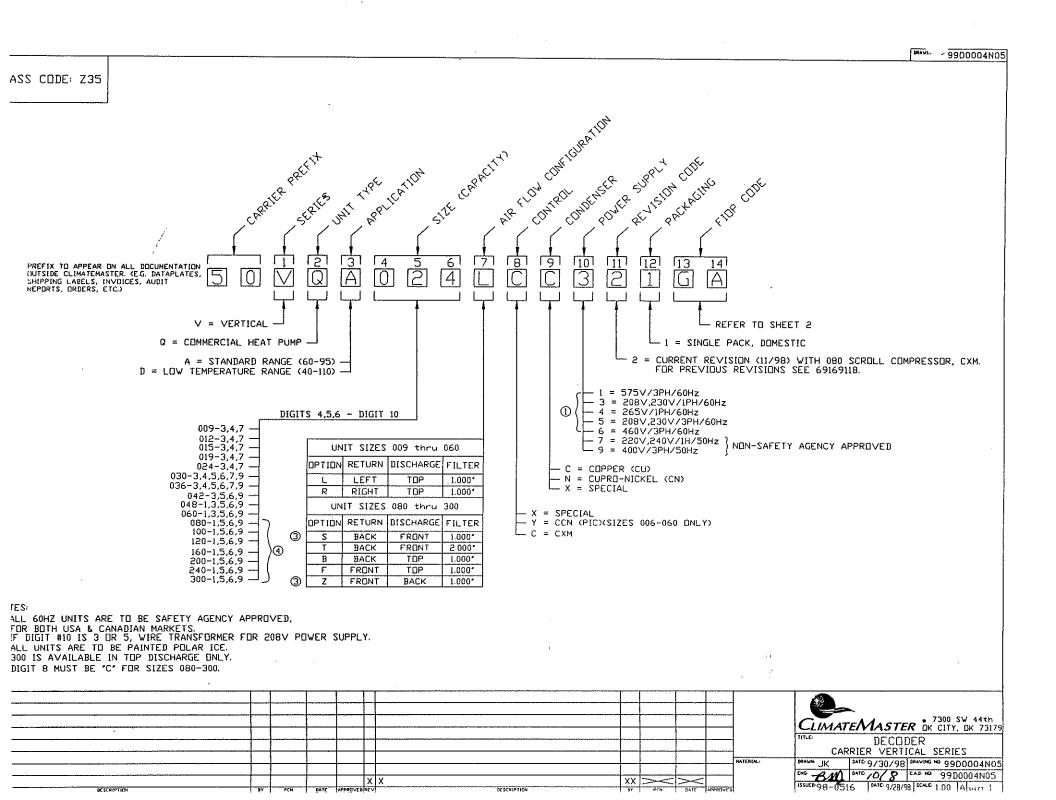
5. "X IN PLACE OF DIGITS" STRUGGET IS = SPECIAL.
4. SUPPLY RISER IS ALWAYS LOCATED ON THE CORNER OF THE CABINET, RETURN RISER IS ALWAYS LOCATED ADJACENT TO DRAIN RISER.
5. DIGIT "S" OPTIONS (0), (1) AND (6); UNITS WILL SHIP VERTICAL WITH NO RISERS ATTACHED.
6. DIGITS "12" IS FOR REFERENCE ONLY, CABINET WILL ALWAYS SHIP WITH DISCHARGE AIR K,O'S INTACT AND FLANGES SHIPPED INSIDE CABINET.

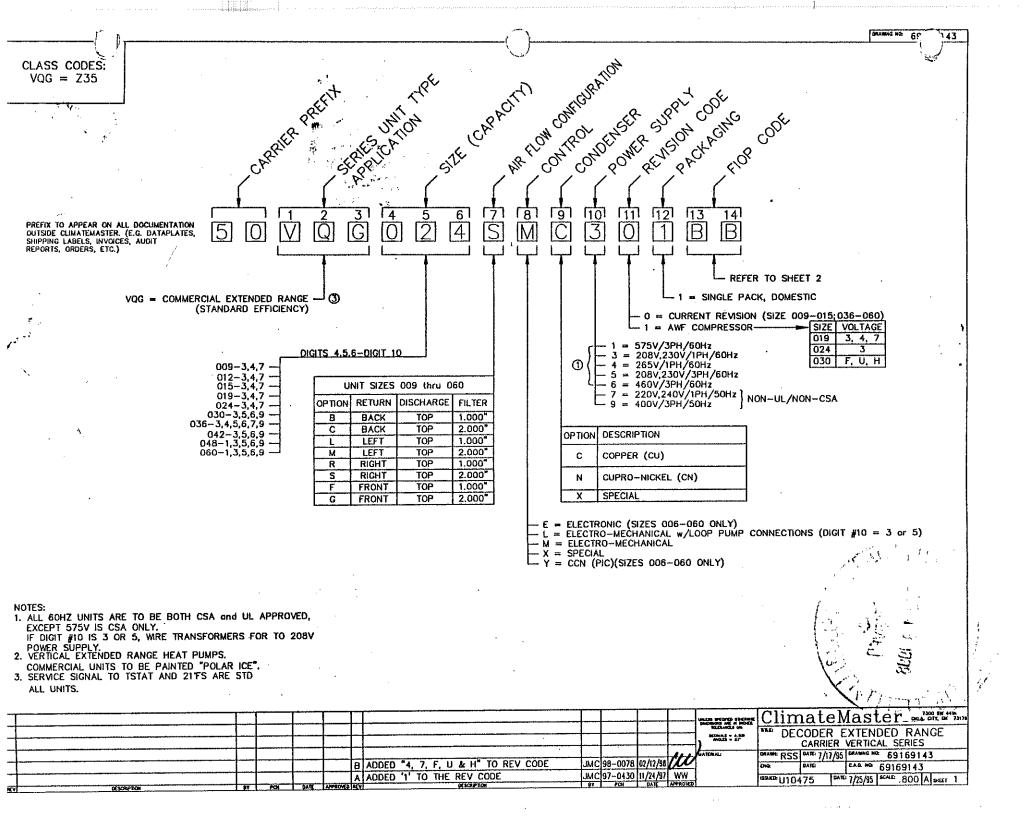
7. DIGIT "9": OPTION (0) WILL HAVE VALVE ASYS IN THE RISER PALLET ASY BOM.

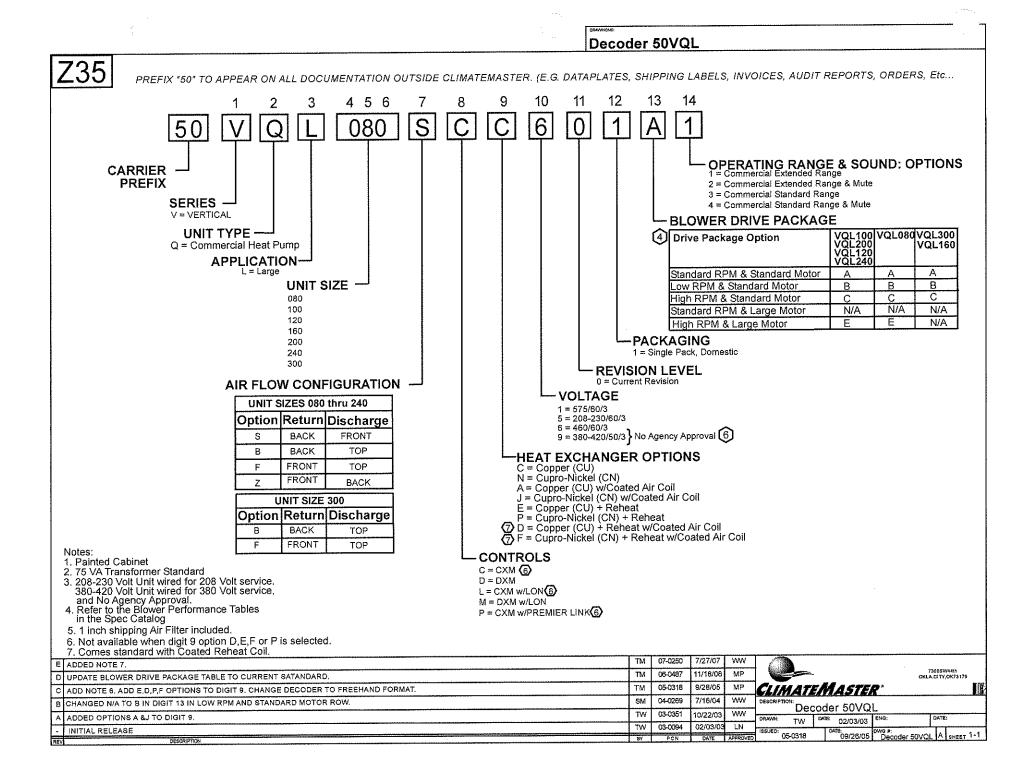
DECODER 50V1 CABINET DATE: 04/22/13 DATE: 04/22/13 1-2 04/22/13 See Description

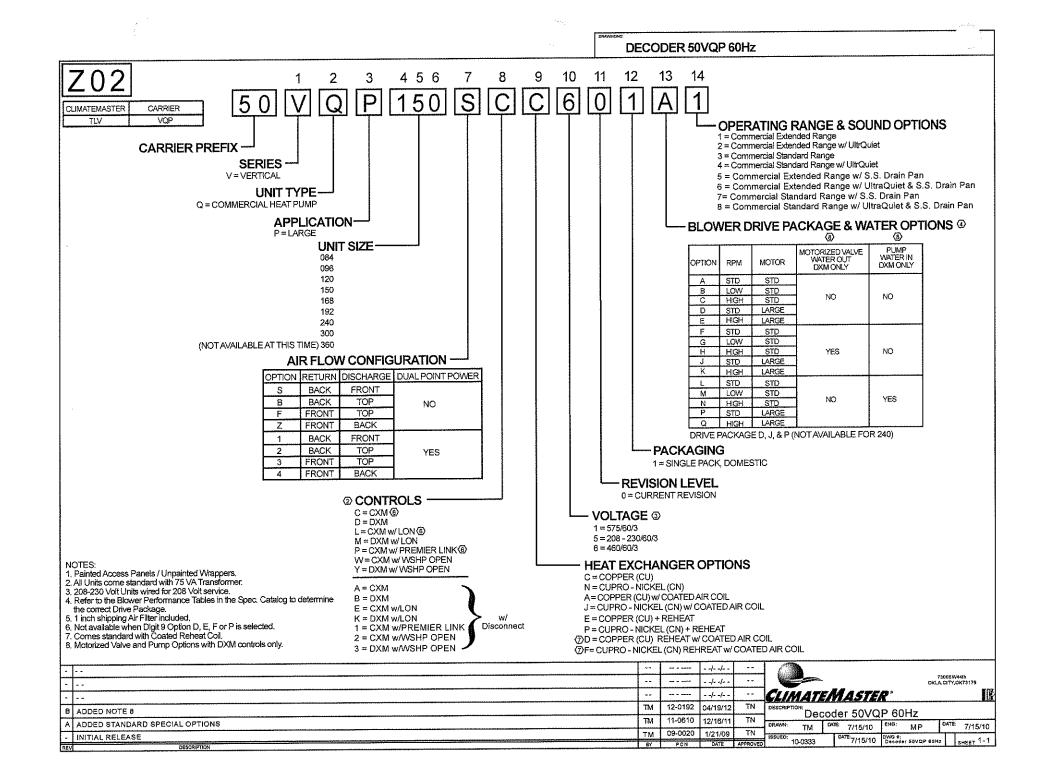
CLIMATEMASTER"

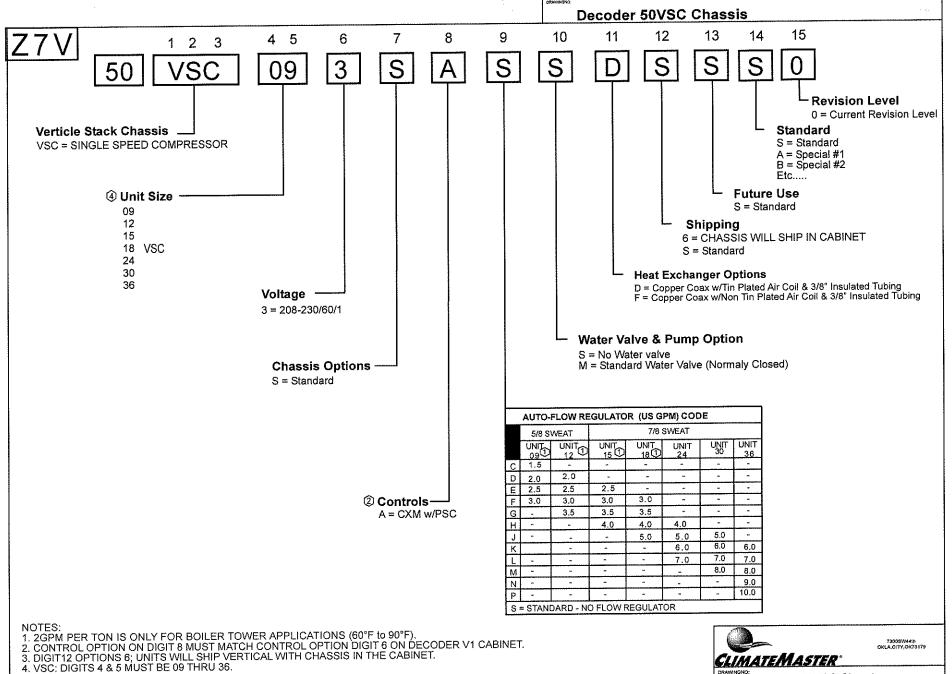










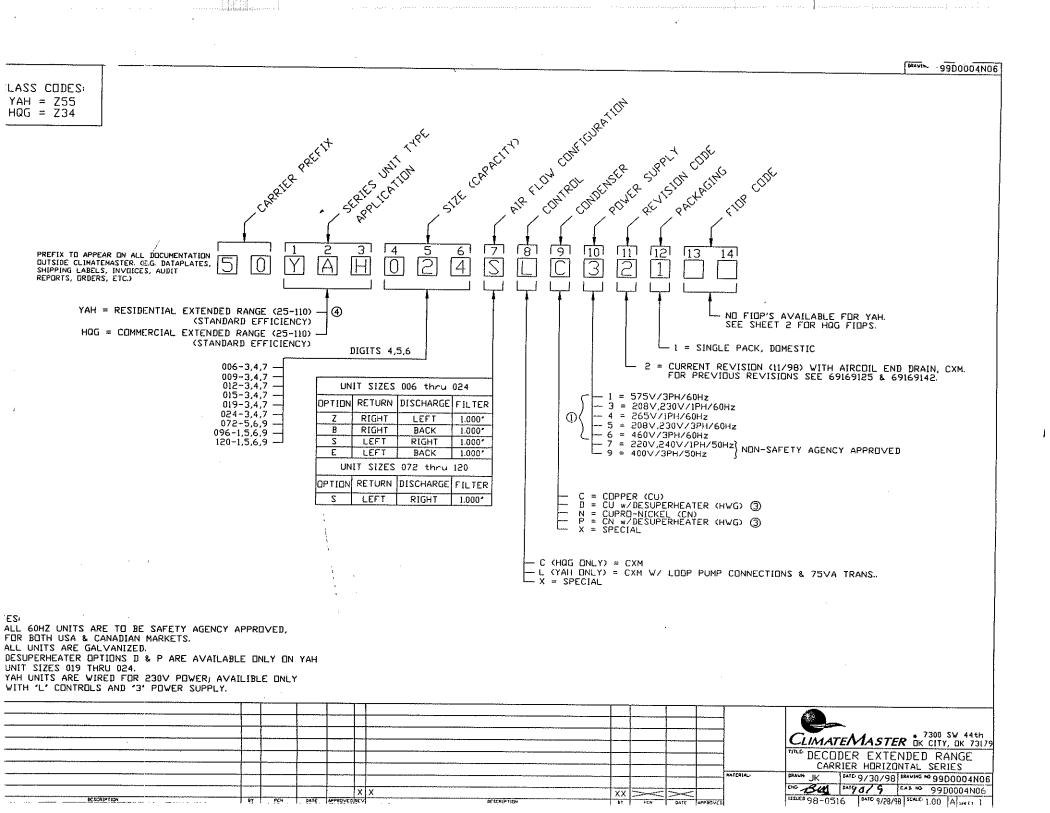


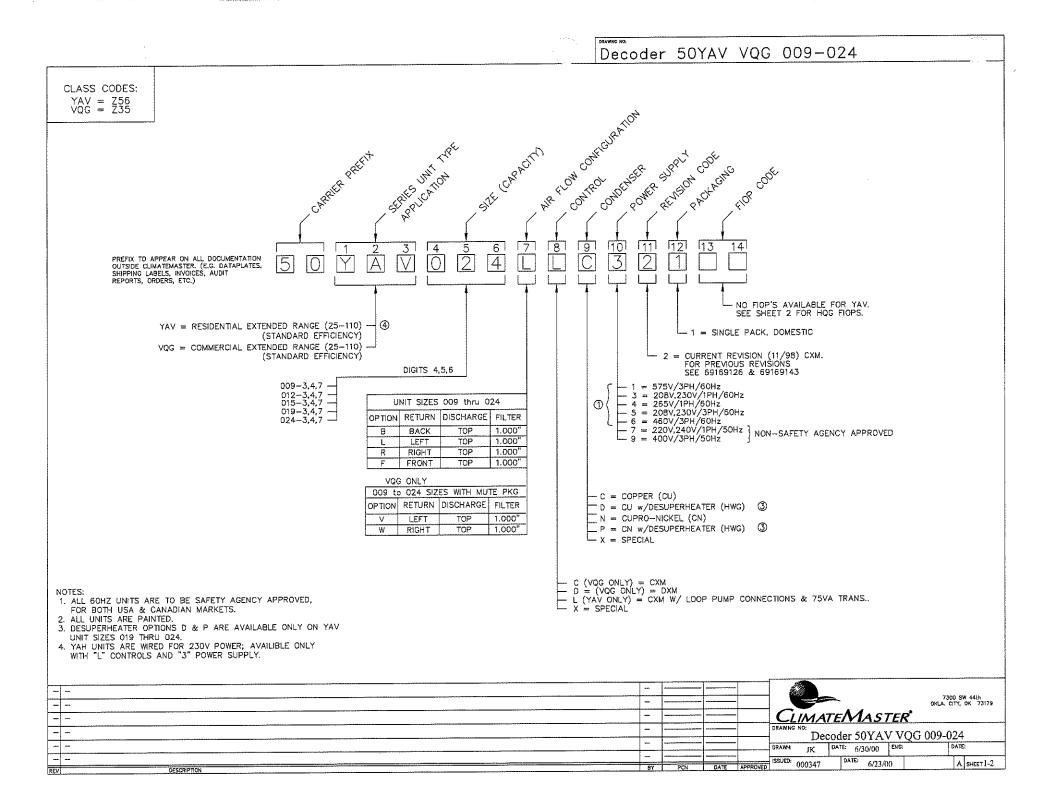
B SEE SHEET 2 FOR REVISION HISTORY

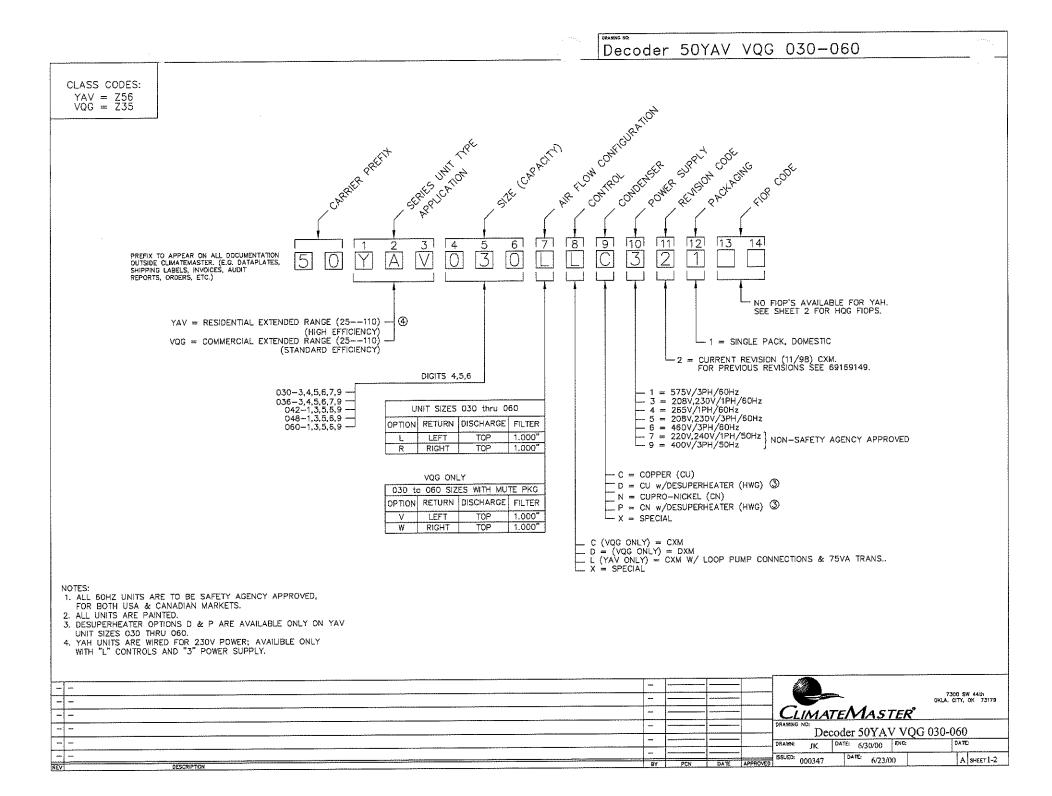
ISSUE TO CONTRACT OF THE PROPERTY OF THE PROPE

Decoder 50VSC Chassis

ME MB ONTE: 04/22/13 ENS: JT DATE: 04/22/13
DATE: 04/22/13 SHEET 1-2







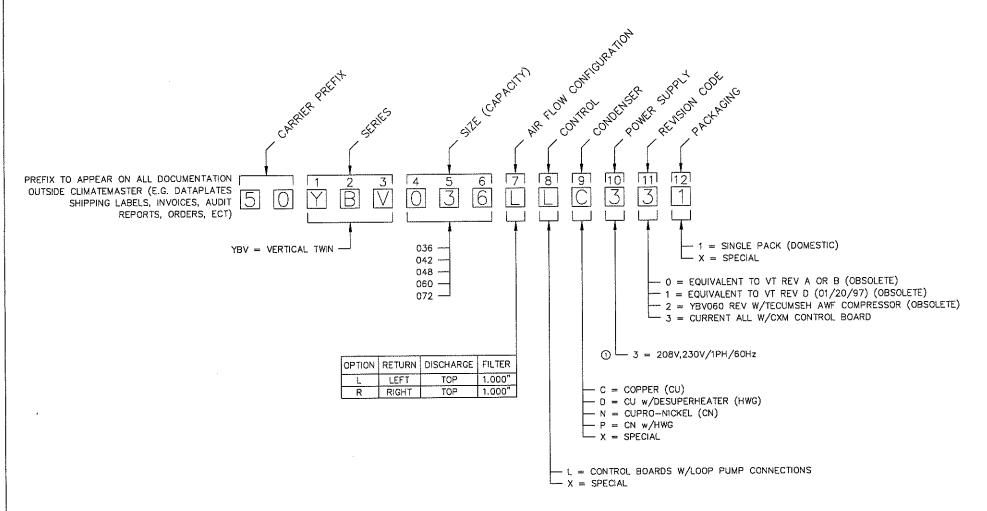
CLASS CODE: Z57

NOTES:

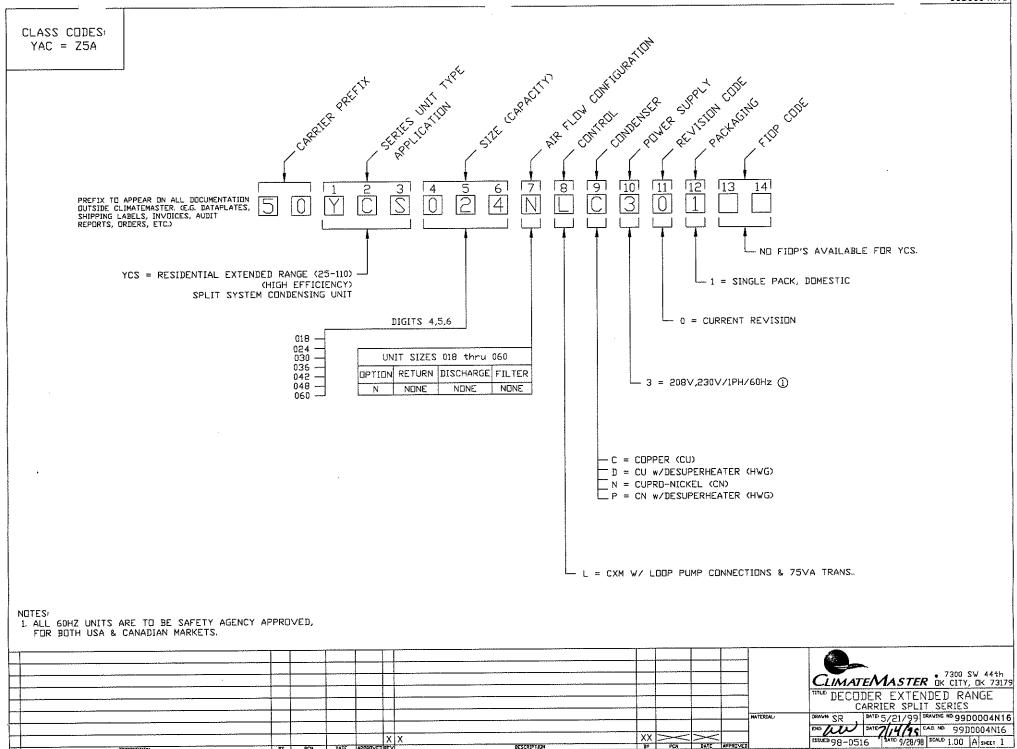
1. ALL 60Hz UNITS ARE TO BE CSA/NRTL APPROVED.

2. UNITS TO BE PAINTED "SILVER SAGE" - REV O, OR "POLAR ICE"- REV 1

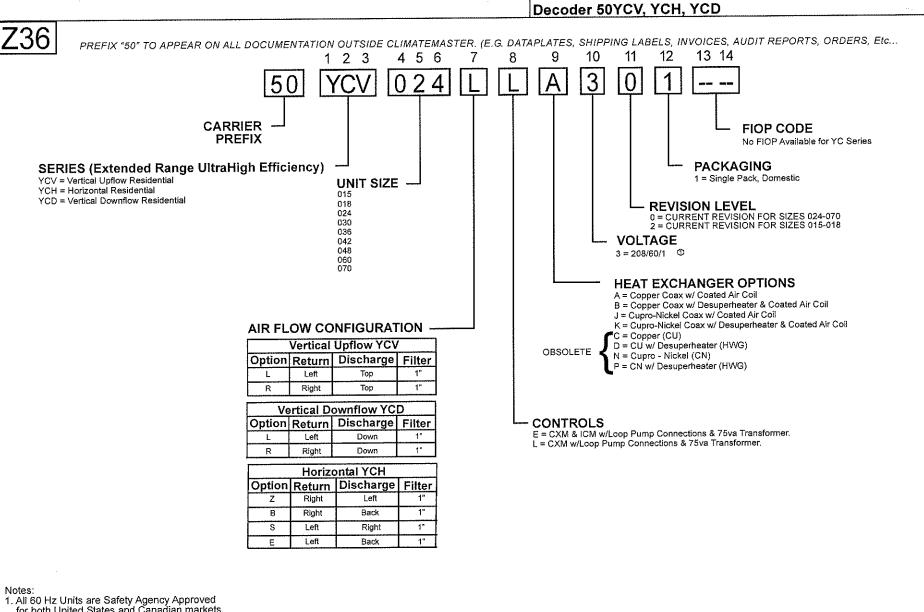
13. TRANSFORMER IS WIRED FOR 230V POWER.



				T	7		 	 			UNIESS SPECIFIED	<i>(</i>	
				<u> </u>	11		 	 			UNLESS SPECIFIED OTHERWISE DEMINSIONS ARE IN INCHES. TOLERANCES ON:		_
				1			 				TOLERANCES ON:		7700 691 4415
					П						DECIMALS ±.031 ANGLES	CUMA	7300 SW 44th OK CITY, OK 7317
	\rightarrow			1	11		 				±.031	TRE	
	-			 	╁┼┼		 	 	$\neg t$		ANGLES		DECODER
				 	 		 	 			- ±1°		CARRIER TWIN SERIES
							 				MATERIAL	DRAWN: SR	DATE: 5/21/99 DRAWING NO: 99D0004N1
<u></u>	T		i —									ENG: LAU	DATE 5725/5 CAD. HO: 99D0004N14
	\neg			 	XI	·		XX >	<	<			
OESCRIPTION	er	PCN	DATE	APPROVE		`	 DESCRIPTION	 BY PC	N DA	E APPROVE	<u> </u>	ISSUED: 99-0	290 PATE: 5/21/99 SCALE: .800 A SHEET 1



X X



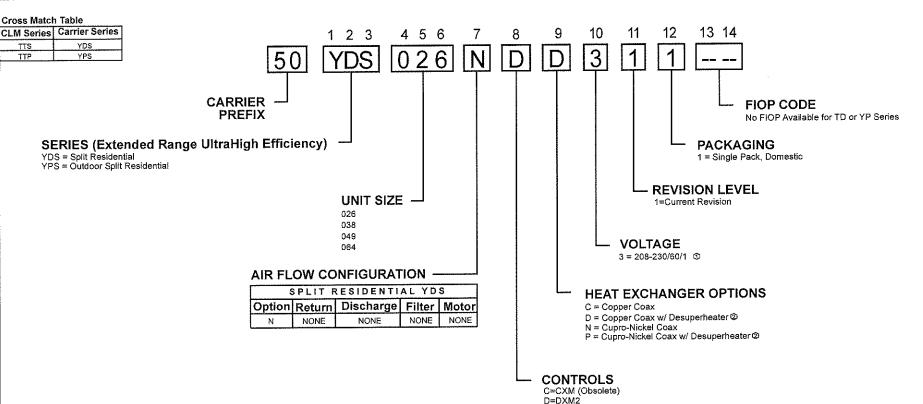
for both United States and Canadian markets.

_				//		
E	CHANGED REVISION LEVEL 1 TO 2 FOR SIZES 015-018	TM	06-0363	08/21/06	ww	7300SW44Ib OKLA.GITY,OK73179
10	UPDATE TITLE BLOCK	TM	06-0212	05/22/06	ww	CLIMATEMASTER W
c	FORMAT DECODER INTO FREEHAND, UPDATE HEAT EXCHANGER OPTIONS.	TM	06 - 0066	04/26/06	ww	Decoder 50YCV YCH YCD
8	CHANGED REVISION CODE FOR 015-018 TO 1	DR	03-0236	07/11/03	ww	DRAWN: JK DATE: 6/30/00 ENG: DATE:
Α	ADDED OPTIONS A,B,J & K UNDER DIGIT 9, RETITLED DIGIT 9 FROM CONDENSER TO HEAT EXCHANGER OPTIONS	TW			ww	ISSUED: DATE: DWG #:
DE	DESCRIPTION	BY	PCN	DATE	APPROVED	OCCOPT OF 23/00 Decorate Series SHEET SH





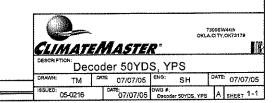
PREFIX "50" TO APPEAR ON ALL DOCUMENTATION OUTSIDE CLIMATEMASTER. (E.G. DATAPLATES, SHIPPING LABELS, INVOICES, AUDIT REPORTS, ORDERS, Etc...



Notes

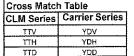
All 60 Hz Units are Safety Agency Approved for both United States and Canadian markets.

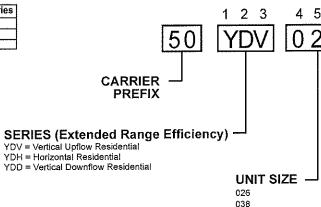
2. Not available with YPS.



Decoder 50YDV YDH YDD

PREFIX "50" TO APPEAR ON ALL DOCUMENTATION OUTSIDE CLIMATEMASTER. (E.G. DATAPLATES, SHIPPING LABELS, INVOICES, AUDIT REPORTS, ORDERS, Etc...





AIR FLOW CONFIGURATION

049

064 072

Vertical Upflow YDV										
Option	Return	Discharge	Filter	Motor						
J	Left	Тор	2"	ECM						
К	Right	Тор	2"	ЕСМ						

Vertical Downflow YDD											
Option	Return	Discharge	Filter	Motor							
J	Left	Down	2"	ECM							
κ	Right	Down	2"	ECM							

Horizontal YDH												
Option	Return	Discharge	Filter	Motor								
N	Right	Left	2"	ECM								
Р	Right	Back	2"	ECM								
W	Left	Right	2"	ECM								
Υ	Left	Back	2"	ECM								

FIOP CODE

No FIOP Available for YD Series

PACKAGING

13 14

1 = Single Pack, Domestic

REVISION LEVEL

- 1 = Current Revision (Obsolete 4-9-12, 038 Only); (Obsolete 7-10-12, 026, 049, 064, and 072)
- 2 = Current Revision K5 Compressor (Effective 4-9-12, 038 Only); (Effective 6-28-12, 026, 049, 064, and, 072)
- 3 = Current Revision K5 Compressor and Microchannel Air Coil (Size 038 Only, Effective 1-3-13)

VOLTAGE

3 = 208-230/60/1 ①

HEAT EXCHANGER OPTIONS 3

A = Copper Coax w/ Tin Plated Air Coil

B = Copper Coax w/ HWG & Tin Plated Air Coll

R = Copper Coax w/ Tin Plated Air Coil w/ Reheat

Copper Coax w/ Tin Plated Air Coil w/ HWG w/ Reheat

J = Cupro-Nickel Coax w/ Tin Plated Air Coil

K = Cupro-Nickel Coax w/ HWG & Tin Plated Air Coil

(F = Cupro-Nickel Coax w/ Tin Plated Air Coil w/ Reheat

M = Cupro-Nickel Coax w/ Tin Plated Air Coil w/ HWG w/ Reheat

CONTROLS

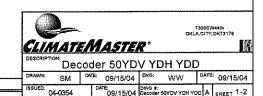
C = CXM

D = DXM (Reheat Only)

1. Residential units are painted Carrier Champagne. Units come standard with CXM controls, ECM Motor, 75VA Transformer, and Loop Pump connections

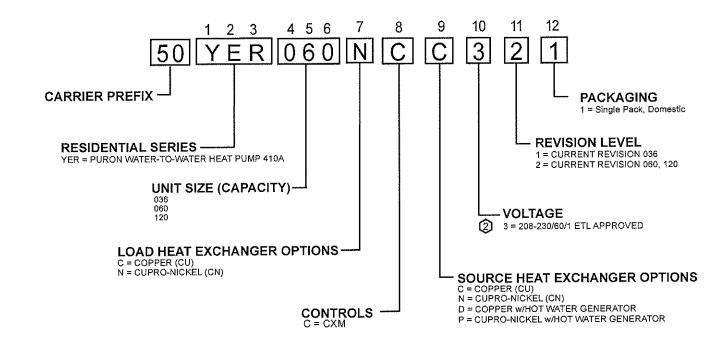
2. Units with Reheat Options come standard with DXM Controls Only; Digit 3 cannnot be option "D".
Digit 9 options "M" and "F" Bronze Pump Only.

3. Rev "3" Units come standard with Non-Coated Microchannel Air Coils.



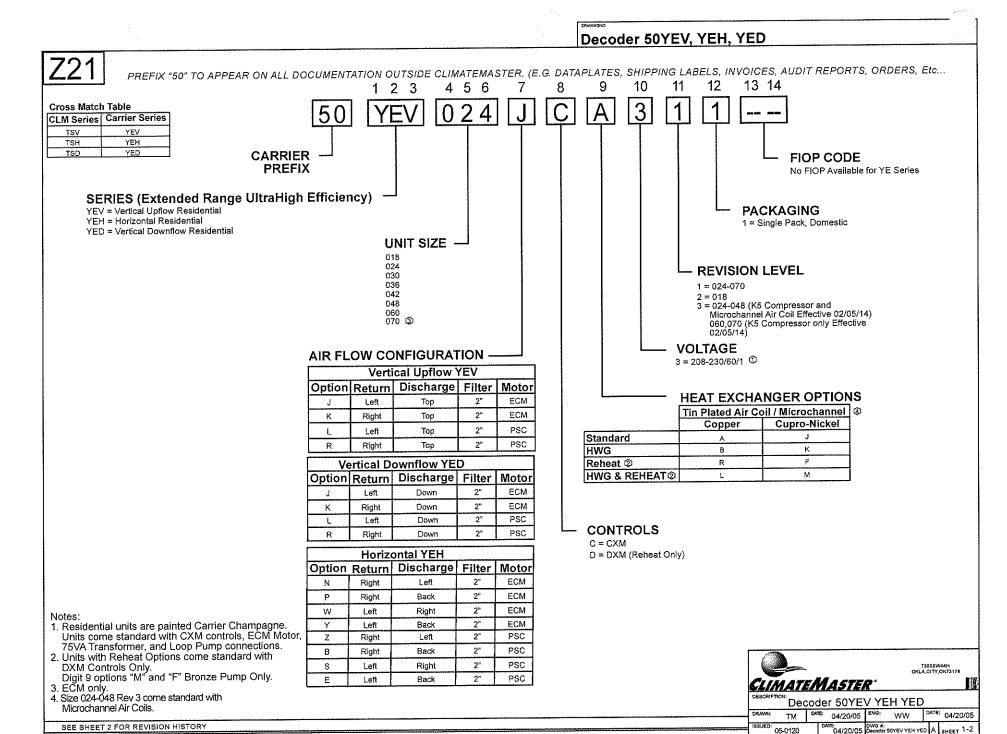
Decoder 50YER

PREFIX "50" TO APPEAR ON ALL DOCUMENTATION OUTSIDE CLIMATEMASTER. (E.G. DATAPLATES, SHIPPING LABELS, INVOICES, AUDIT REPORTS, ORDERS, Etc...



All Units come standard with 75 VA Transformer
 Digit 10, "3" factory wired at 230V

Ε	Ι				//		Side a					73005W44lh
-	1		-~		//	I					OK	A.CITY,OK73179
-	1.		1	**	//		CLI	MAI	EM	ASTER"		
-	1.				//		DESCRI	non:	acode	r 50YER		
A	1	UPDATED REVISION LEVELS TO REFLECT THE CHANGE OF PAINT COLOR TO CARRIER CHAMPAGNE.	TM	10-0243	05/26/10	WW	DRAWN:	TM		04/14/09 ENG:	TN	DATE: 04/14/09
-	1	INITIAL RELEASE	TM	09-0112	04/14/09		ISSUED			Ate: DWG #: 04/14/09 Decoder		A SHEET 1-1
RE	٧	DESCRIPTION	BY	PCN	DATE	APPROVED		05-0112		04/ 14/09 (cacons)	301 E41	IN SHEET



Decoder 50YEW PREFIX "50" TO APPEAR ON ALL DOCUMENTATION OUTSIDE CLIMATEMASTER. (E.G. DATAPLATES, SHIPPING LABELS, INVOICES, AUDIT REPORTS, ORDERS, Etc... 9 10 12 8 **PACKAGING** CARRIER PREFIX -1 = Single Pack, Domestic **REVISION LEVEL** 1 = CURRENT RESIDENTIAL SERIES -- VOLTAGE YEW = PURON HIGH TEMPERATURE 2 3 = 208-230/60/1 HEATING ONLY WATER-TO-WATER WATER COIL & DHW OPTIONS UNIT SIZE -When digit 9 = "D" or "P", digit 7 cannot be "A" or "D". 010 (10KW) WATER COIL AND DHW OPTIONS **HYDRONIC / PAINT OPTIONS -**C D N **HYDRONIC / PAINT OPTIONS** COPPER SOURCE & BRAZE PLATE LOAD DEF C В CUPRO-NICKEL SOURCE & BRAZE PLATE LOAD CARRIER CHAMPAGNE PAINT NO DHW APPLIANCE WHITE (NOT AVAILABLE AT THIS TIME) DHW 3-WAY VALVE + ISBP PUMP NO PUMP **CONTROLS** LOAD PUMP W/EXPANSION TANK W = STANDARD 60Hz Y = STANDARD 60Hz WITH VSFP LOAD PUMP & SOURCEPUMP(S) w/EXPANSION TANKS CONTROLS UID CXM MPC WWSD VSFP ETL LEGEND USER INTERFACE DISPLAY UID CXM SOLID STATE CONTROL SYSTEM MPC BACNET CONTROLLER **WWSD** WARM WEATHER SHUT DOWN **VSFP** VARIABLE SPEED FLOOR PUMP POWER/SHUT DOWN ETL ETL CERTIFIED Notes: ISBP INTERNAL SECONDARY BRAZE PLATE 1. All Units come standard with 75 VA Transformer 2. Column 10, "3" factory wired at 230V 10-0261 E CHANGED PAINT OPTIONS A,B,C ON DIGIT 7 TO CARRIER CHAMPAGNE PAINT 06/04/10 TM 10-0243 05/26/10 TN D UPDATED REVISION LEVEL TO REFLECT THE CHANGE OF PAINT COLOR TO CARRIER CHAMPAGNE. 10-0142 03/24/10 TN CLIMATEMASTER TM C ADDED NOTE TO DIGIT 9 09/15/09 TM B ADDED ISBP PUMP TO DIGIT 9 OPTIONS Decoder 50YEW

A UPDATED DIGIT 7 APPLIANCE WHITE PAINT OPTION

- INITIAL RELEASE

TM

TM

07-0399

10/23/08

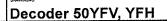
10/10/07

DATE: 010/10/07

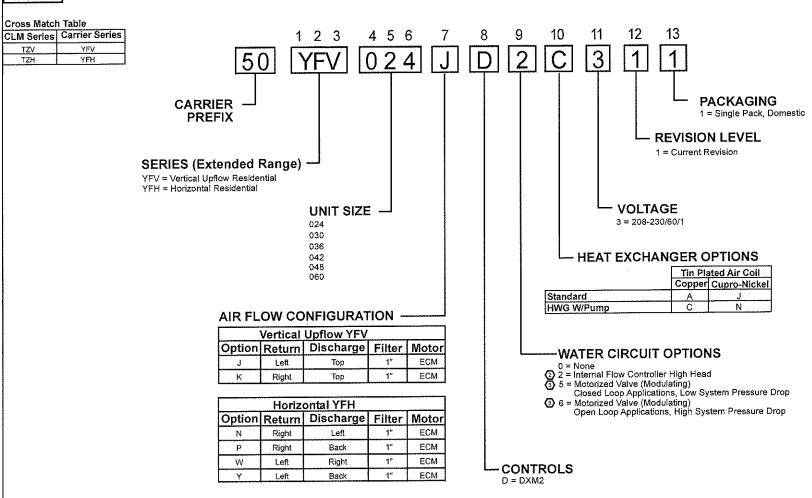
TM DATE: 10/10/07 ENG: TN

07-0399

10/10/07 Decoder 50YEW



PREFIX "50" TO APPEAR ON ALL DOCUMENTATION OUTSIDE CLIMATEMASTER. (E.G. DATAPLATES, SHIPPING LABELS, INVOICES, AUDIT REPORTS, ORDERS, Etc...



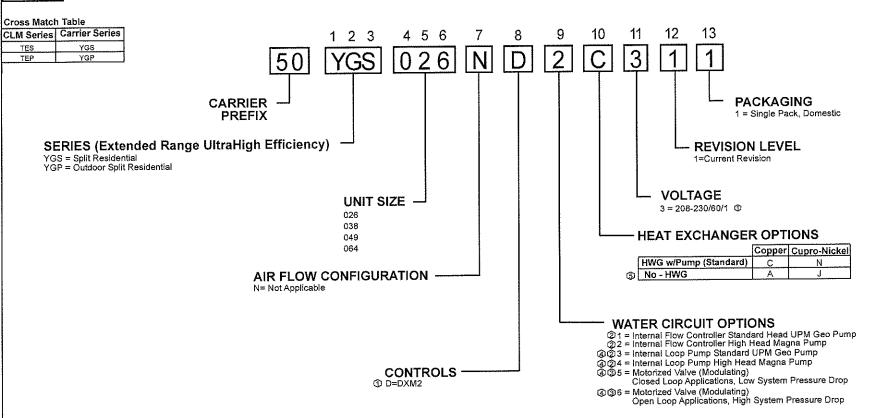
Notes:

Residential unit cabinets are painted Carrier Champagne.
 Units come standard with DXM 2 controls, ECM Motor, 75VA Transformer, and Hinged Control Box.
 Flow Controller comes standard with Variable Speed Pump, Flushing valves, and Expansion Tank.
 Internal Flow Controller is only available when digit 10 is selected for copper coax coil option.
 Motorized Valve is two way modulating. If digit 9 is option "6", digit 10 must be option "J" or "N".
 If digit 9 is option "5", digit 10 must be option "C" or "A".

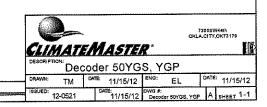
(7300SW A.GITY,	
CLI	MATI	M	ASTE	R ^a			
DESCRIP	TION:		er 50YF		=H		
 DRAWN:	TM	DATE	08/01/11	ENG:	ww	DATE:	08/01/11
 ISSUED:	11-0407		DATE: 08/01/11	DWG #:	50YFV YFH	A	SHEET 1-2



PREFIX "50" TO APPEAR ON ALL DOCUMENTATION OUTSIDE CLIMATEMASTER. (E.G. DATAPLATES, SHIPPING LABELS, INVOICES, AUDIT REPORTS, ORDERS, Etc...



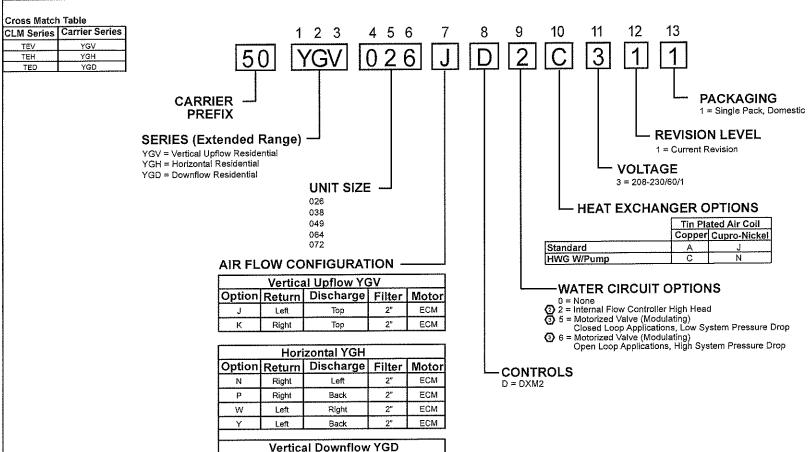
- Available with Hinged Control Box for indoor units and DXM2 Controls for all split units.
 Flow Controller comes standard with Variable Speed Loop Pump, Flushing Valves, and Expansion Tank.
 Internal Loop Pump comes standard with Variable Speed Loop Pump.
 Internal Flow Controller and Internal Loop Pump are only available when digit 10 is option "C" or "A".
- 3. Motorized Valve is Two Way Modulating
- 4. Not available with YGP.
- 5. YGP is only available when digit 10 is option "A", Refer to AHWG decoder for Outdoor units Hwg option.







PREFIX *50" TO APPEAR ON ALL DOCUMENTATION OUTSIDE CLIMATEMASTER. (E.G. DATAPLATES, SHIPPING LABELS, INVOICES, AUDIT REPORTS, ORDERS, Etc...



Filter Motor 2"

ECM

ECM

1. Residential unit cabinets are painted Carrier Champagne.

Option Return

Left

Right

Discharge

Down

Down

Units come standard with DXM 2 controls, ECM Motor, 75VA Transformer, and Hinged Control Box.

2. Flow Controller comes standard with Variable Speed Pump, Flushing valves, and Expansion Tank. Internal Flow Controller is only available when digit 10 is selected for copper coax coil option.

3. Motorized Valve is two way modulating. If digit 9 is option "6", digit 10 must be option "J" or "N". If digit 9 is option "5", digit 10 must be option "A" or "C".

							7300S1	N44th 1,0K73179	
	CLI DESCRIP	TION:		ASTE					
		Dec	ode	r 50YG	<u>V, Y(</u>	<u> 3H, YQ</u>	3D		
_	DRAWN:	ŢΜ	DATE:	04/04/12	ENG:	ww	DATI	04/04/	12
	(SSUED:	12-0069	10	NE: 04/04/12	Dws #:	50YGV YGH YI	3D A	eueer 1	-2