

## Dex Parson alerts

### *Models Table*

Ultimately, we aim to encompass all Vendo, Royal, Dixie-Narco, and AMS machines.

Brand	Models Starting With	Examples
AMS	AMS	AMS VMC
Dixie-Narco	DN	DN 276E CW/SIII-8 DN 3800-4 DN 501E CW/SIII-8 DN440-8 SBC ...
Royal	G2	G2V2_VENDOR 67015-10
Royal	G3	G3_10COLUMN 67121-3 G3_10COLUMN 67121-6
Royal	GII	GII_VENDOR
Royal	GIII	GIII_VENDOR 67015-5 GIII_VENDOR 921909-2
Royal	GVC	GVC1 GVC2
Royal	KO	KO G3 EMS KO_G2 67131-15 KO_G3_10COL 67131-15
Royal	ROYAL	ROYAL HVV ROYAL RVV
Royal	RVV	RVV_40 67246-2 RVV_NG 67246-14 RVV_NG 67274-1

Vendo	VEC	VEC 12.1 VEC 12.6 VEC_10
Vendo	VEI	VEI641- 036 VEI641- 330 VEI641- 82Z

#### Codes Table

\*For error codes that include a placeholder format ending in **X** or **XX** (e.g., UAX, UAXX):

- Treat **X** as a digit from **0 to 9**.
  - Example: UAX should include UA0, UA1, UA2, ..., UA9.
- Treat **XX** as a two-digit number from **00 to 99**.
  - Example: UAXX should include UA00, UA01, UA02, ..., UA99.

Code	Code found in <b>Vendo</b> manuals	Code found in <b>Royal</b> manuals	Code found in <b>Dixie</b> manuals	Description	Format
IC	X	X	X	Changer inlet chute blocked - no coins sensed for over 96 hours by the changer. Manually clear the error.	IC
EC		X		Encoder error.	EC

				Manually cleared.	
COIN				Typically means the machine is rejecting coins, not registering credit, or not vending after coins are inserted. This issue can be caused by problems with the coin mechanism itself, the wiring, the control board, or related components.	COIN
TS	X	X	X	Tube sensor is defective - - reported by changer .	TS
UA		X		Unassigned column, where	UAX, UAXX

				“XX” indicates the column number	
ACLO	X	X		AC voltage to the controller is low for more than 30 seconds. Manually cleared.	ACLO
LA	X	X	X	Low acceptanc e rate -- coin acceptanc e has fallen below 80%.	LA
CJ	X	X		Column jam - vend cycle for column “XX” did not start or complete. Manually cleared.	CJX, CJXX
CC	X	X	X	Changer communic ation error - no changer communic	CC

				ation for more than 2 seconds.	
ROUT	X		X	Coin routing - indicates a coin was routed incorrectly	ROUT
RE		X		Rabbit error. Refers to a problem with the vend mechanism actuators known as "rabbits." Manually cleared.	RE
NJ	X	X	X	Coin jam - reported by changer.	NJ
SENS	X	X	X	The temperature sensor is defective or unplugged.	SENS
HOT		X	X	Cabinet temperature is above the limit	HOT

CARD				Usually points to a communication or power issue between the card reader, the control board, and the vending machine's payment system.	CARD
CS	X	X		Chute sensor error: chute sensor is active for more than five minutes	CS, CSX
CMPR			X	Compress or not cooling.	CMPR
TJ	X	X	X	Tube payout jam -- reported by changer.	TJ, TJX, TJXX
DS	X	X		Door has been open for more	DS

			than one hour. Manually cleared.	
HS		X	Home sensor error. Means the vending machine cannot confirm that its vend mechanism has returned to the "home" or start position after vending. Manually cleared.	HS
CNPR	X	X	System has failed to decrease temperature 1° per hour while the compressor is running.	CNPR
US	X		Selection switch	US <b>X</b> , US <b>XX</b>

				skipped - switch "XX" unassigne d and a higher number switch is assigned.	
BC	X	X	X	Bill validator communic ations - No bill validator communic ation for 5 seconds.	BC
SS	X	X		Bad Selection Switch - Selection switch "XX" is actuated for more than 15 seconds while in the Customer Mode or Door Open Sales Test Mode.	SSX, SSXX
BILL	X	X	X	Bill validator	BILL

				motor is reported as defective by validator.	
HORIZ			X	Horizontal Drive System problem.	HORIZ
EXACTCHANGE				Indicates the machine cannot provide change for purchases.	
VERT			X	Vertical Drive System problem.	VERT
PICKRS			X	Picker Return Spring.	PICKRS
EE	X	X	X	Excessive escrow requests -- more than 255 requests since the last coin was sensed. Manually clear error.	EE

CRC	X	X	X	There is no card reader communication for 5 seconds.	CRC
RAM		X		Setup info corrupted.	RAM
PICKI			X	Picker in switch error problem.	PICKI
PORT			X	Port door switch/boat issue.	PORT
IS	X	X		Machine's coin inlet sensor is blocked for more than 1 minute.	IS
BOPN	X	X	X	Bill validator is open.	BOPN
BJ	X	X	X	Bill jammed -- reported by validator.	BJ
HTR	X	X		Heater system has failed to increase temperature 1° per	HTR

				hour while heater is on.	
XHOME			X	X (horizontal ) motor home switch issue.	XHOME
COLD		X	X	Temperatu re 3°F / 1.5°C or more below the compresso r cut-out setting)	COLD
BS	X	X	X	Bill validator sensor is not functioning .	BS
YHOME			X	Y (vertical) motor home switch issue.	YHOME
DIS	X		X	Disconnect ed acceptor - - indicates that an acceptor is unplugged.	DIS

VS			X	Vend Sensor problem.	VS
LB			X	Low battery.	LB
IB	X	X		3 successive coins are detected at the inlet but do not make it into the changer in 10 seconds.	IB
CRCH	X	X	X	Changer check sum incorrect - - reported by changer. Manually clear error.	CRCH
PICKO			X	Picker out switch error problem.	PICKO
BFUL	X	X	X	Bill validator full - reported by validator.	BFUL

SF	X	X	X	Scaling Factor error - one of the credit peripherals has introduced a scaling factor that is not compatible with the current configuration.	SF
KEYPAD			X	Keypad not installed.	KEYPAD
FRAM			X	Memory module read/write error.	FRAM
BRCH	X	X	X	Bill validator check sum is incorrect. Manually clear error.	BRCH
PWR OUT			X	Power lost.	PWR OUT
RAN	X	X		Ram check sum for service mode settings	RAN

				stored in non- volatile memory has been corrupted.	
RCRC			X	Software not loaded properly.	RCRC
RTC			X	RTC read/write error, clock error.	RTC
CSF		X		Changer's scale factor is not valid for the machine configurati on.	CSF
UC	X			Column XX is not assigned to a selection	UCX, UCXX