





## INSIDE THE V-21

V-21 offers fast setup — Converting columns from bottles to cans has never been easier!

No shims, no spacers, no gauge bars, no gauge bar clips and no cams to adjust!

Simply move the back spacer, adjust the product slide and select the appropriate depth setting!

For additional time-savings at product setup, the vend mechanisms are self-priming.

Vend mechanism, at standby has built-in anti-theft features.

Product Slide in Can Position



Product Slide in Bottle Position



NOTE: This is a demonstration module for photographic purposes only. It is not an actual "V-21" column.

Reinforced top hinge plate with deadbolt for increased security.

Rugged top retainer ensures consistent product alignment every time the door is closed.

Lower hinge hook assembly completely enclosed to help prevent vandal attacks.

The V-21 anti-theft hopper is designed for easy access to vended packages.

Door-to-cabinet roller assembly for smooth door closure.



Slide out loading rack allows for greater access to the columns during product loading.

Epoxy coated vend chute for smooth product delivery.

The V-21 refrigeration system provides superior cooling performance while using less energy. The condenser and evaporator use copper and aluminum construction which reduces energy consumption. The V-21 fan blades are shrouded to greatly reduce audible noise and improve performance.

One piece air dam with integral condensation gutter.

Modular power cord positioned for easy access from front of machine.

### V-21 MOTORS

The V-21 product delivery system ensures reliable vending by being less sensitive to package diameter shape and firmness (carbonation).

The V-21 stack allows maximum flexibility for product loading. Product can be loaded caps to back, butt-to-butt or in combination to optimize vending reliability.



24 volt , DC motors.  
No micro switches.  
No timing cams.  
Motors installed with only 2 screws.

### V-21 CONTROLLER

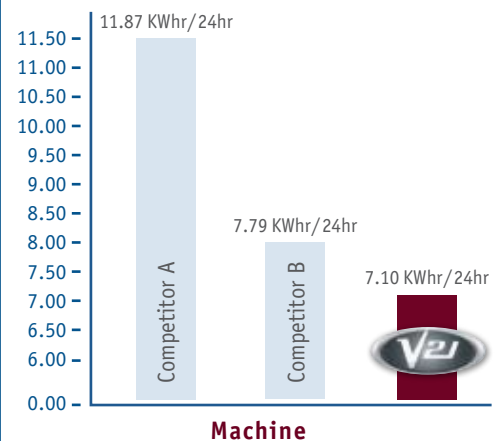
Full function MDB controller, with DEX/UCS compatibility.

Energy management features included as standard:

- Real time clock
- Lighting control
- Refrigeration control

Diagnostic LED's for vend sensor status.

### ENERGY CONSUMPTION



Data from California Energy Commission - 2003. All vending machines tested per ASHRAE 32.1 Standard.



## CONTROLLER

Full function MDB controller with DEX/UCS compatibility.

Energy management features include:

- Real time clock
- Lighting control
- Refrigeration control

Diagnostic LED's on boards and components for easier trouble shooting.

Full range of diagnostic menus and test programs.

## COINAGE MOUNT

Sliding coinage mount for easy access and servicing.

## CONSTRUCTION

Foamed-in-place door construction, with double pane, argon filled tempered glass panel.

Modular construction employed for easy service - minimum number of fasteners used.

## DELIVERY HOPPER

LED-illuminated motorized hopper for customer convenience. Auto-retreat feature in case obstruction is encountered when closing.



## CABINET FOOTER

Removable cabinet footer - to facilitate installation through narrow doorways.



## LOADING RACK

Telescopic loading rack available as an optional accessory.



Only 90° door swing needed for loading.

## HIGH VISIBILITY DISPLAY

2 x 20 VF display for better customer communication



## PRODUCT TRAYS

Product trays pull forward for easy loading.

Product pushers lock at back of trays for hands-free, FIFO loading; and will automatically reset when product trays are pushed back into place.

All product trays lift out easily for cleaning.

Machine can be configured with 5, 6 or 7 shelves of product trays (at production or on location).



## UNIT

Cassette-style refrigeration unit - totally self-contained, simple to remove/replace. Quiet operation.

## DELIVERY SYSTEM

Flexible dispensing mechanism - no shims or kits required to vend virtually any beverage package 2" - 3" in diameter and 3" - 9.5" in height.

Patent pending delivery mechanism retrieves each vended package and places it within a secure delivery port with little or no agitation.

Total product control throughout vend cycle, to eliminate product tipping from shelves during or after vend.

Delivery system housed in door - no wires, switches, solenoids, or motors in cabinet.

"TractorFeed" concept employed in X, Y, and Z motions.

Delivery system retracts out of sight at the bottom of door between vends. This provides customers with an unobstructed view of all available products and does not interfere with product reloading.



# VUE 30/40



VUE - SPECIFICATIONS		
Vue Model Number	Vue - 30	Vue - 40
Total Can Capacity with 7 shelves	378	504
Total PET Bottle Capacity with 5 shelves	240	320
# of Selections with 7 shelves	42	56
# of Selections with 5 shelves	30	40
Dimensions* - H x W x D	72" x 34" x 35"	72" x 41.5" x 35"
Shipping Weight*	750 lbs	800 lbs
Operation Voltage	115v60 Hz	115v60 Hz
Amp Rating	10	10
<b>Capacity per Facing</b>		
8oz. / 12oz. can	9	9
250ml can	11	11
16.9oz. / 20oz. PET bottles**	8-9	8-9
330ml Tetra Prisma® Aseptic Cartons	11	11
250ml Tetra Prisma® Aseptic Cartons	12	12

\* Dimensions and shipping weight will vary slightly due to manufacturing tolerances, shipping boards and whether or not coinage is installed.  
 \*\* Product capacities will vary based on the diameter of the bottle.

# V-21

V-21 - SPECIFICATIONS			
V-21 Model Number	621	721	821
Total Can Capacity	544	680	800
Selection/Columns	8	10	10
<b>Dimensions* - H x W x D</b>			
Curved Front	N/A	72" x 39.5" x 34.75"	79" x 39.5" x 34.75"
Flat Front	72" x 32.5" x 31.5"	N/A	N/A
Shipping Weight*	640 lb	670 lb	730 lb
<b>Capacity per Column</b>			
12oz. can	68	68	80
16oz. glass	30	30	36
20oz. PET**	30	30	36

\* Diet Graphics available.  
 \* Chameleon 2 Graphics **NOT** available in 621.



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