

Cornelius®

Product Guide

Coca-Cola®

Contents

Introduction

Marmon Beverage-Water-Food Advantage 4 - 9
 Cornelius Advantage

Fountain

IDC Pro 11 - 12
 Quick Serve Pro (QSP) 13

Enduro Countertop Dispensers

Enduro (ED) 150 15
 Enduro (ED) 175 15
 Enduro (ED) 200 16
 Enduro (ED) 250 16
 Enduro (ED) 300 17

Duraflex Countertop Dispensers

Duraflex (DF) 150 19
 Duraflex (DF) 200 19
 Duraflex (DF) 250 20

IDC Countertop Dispensers

IDC 215 (coming soon) 22
 IDC 255 (coming soon) 22
 IDC ProFast Gate 23 - 24

Drop In Dispensers

1522 26
 1722 26
 2323 27

3023 27

Under Counter Dispensers

IP150 28

Ice Tainers / Chests

1522 29 - 30
 2123 29 - 30

Stands

Drop in 31
 ED / DF 32

Counter Electric Dispensers

Titan HC 34

Ice Only Dispensers

ED150 / ED200 / ED250 / ED300



Contents

Fountain

Towers 36

Ribbon 37

Tea Tower 38

Ceramic Tower 39

Frozen 40

Viper Elite Classic 41

2 Barrel 42

3 Barrel 43

4 Barrel 44

Juice 45

Quest Elite – 2 Flavor 46

Quest Elite – 4 Flavor 47

Jet Spray JS7 48

Jet Spray JT20 49

Jet Spray JT30 50

Jet Spray EJ1 51

Valves 52

SFV1 53 - 56

Prism 57 - 58

Illuminated 59

Support Equipment / Accessories 61

Merchandisers 62

Medallion 62

Carma 62

Marquee 62

Soft Ice Kits 63

ED / DF 63

Other

Generic Backroom 64

Carbonator Low Profile Large Reserve 65

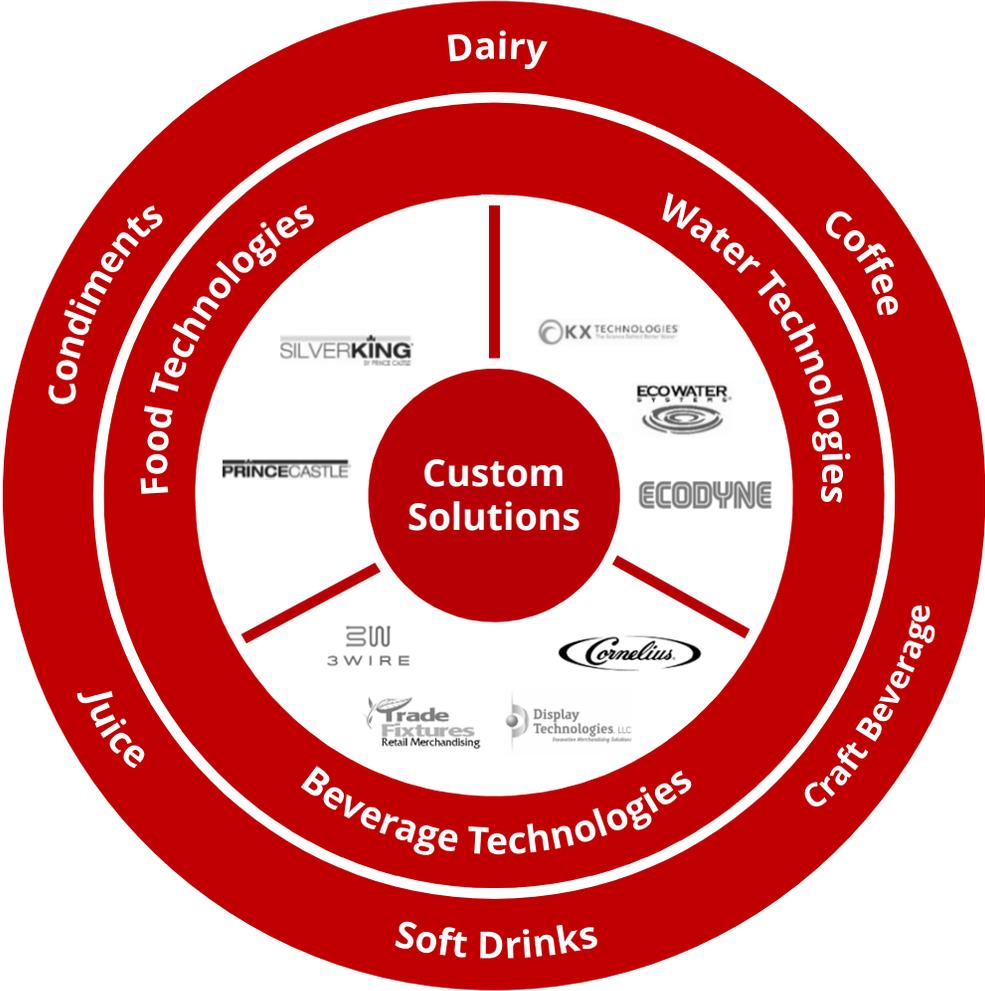
CRI Remanufacturing 66

Our Remanufacturing Program 67

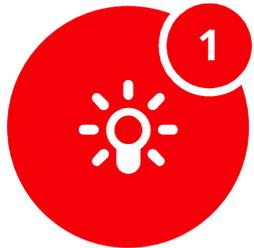
CRI Advantage 68



Marmon Advantage: Beverage – Water - Food

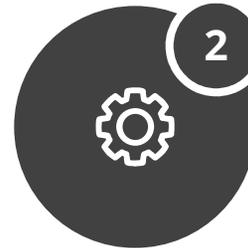


Cornelius Advantage



Innovative Designs and Technology

- Advanced technology with touch screen panels for customer engagement
- Multi-flavor valve technology for more customer choices
- Smart technology for sales data collection and remote communication



Designed for Ease of Service and Optimal Sanitary Compliance

- Modular design of cold plates, hoppers, valves, and motors for easy serviceability
- Cold plate cover for quick access
- Thermoformed ABS hopper allows for quick cleaning, improved ice dispensing and inhibits bridging



Best-in-class Uptime



Industry Leading On-time Delivery



Cornelius Advantage

Over 135 Cornelius engineers, designers, and technicians work to deliver product development



Design Centers in US, India, China, Germany, and UK



Expertise in Industrial Design, Controls, Software Development, Refrigeration, Structural Design, Agency Compliance, Fluid Systems Design, Automation, and System Integration



Dedicated **advanced technology focus** in partnership with leading universities and technology consultants



Globally **standardized lab equipment** and **processes**



Structured and **consistent global development process** with an APQP-based staged gate process



14 Environmental Chambers to support extensive product testing efforts



Cornelius Advantage

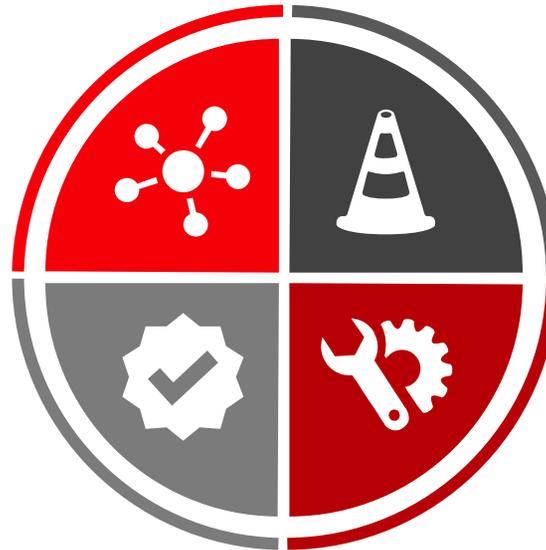
Our engineering team facilitates sharing of best practices and use of common engineering systems and tools

Simulation Driven Product Design

- Finite Element Analysis
- Design Optimization
- Computational Fluid Dynamics Analysis
- Material Analysis
- Kinematics

Testing & Reliability

- Global Lab Standard
- Data Acquisition
- Design for Reliability
- Accelerated Life Testing
- Automated Test Stands & End of Line Testing



Global Safety & Agency Compliance

- Sanitation
- Electrical Safety
- Design for Compliance
- Layered Process Audits
- Third Party Safety Reviews

Engineering Design Tools

- Global Product Data Management System
- "Best Practices" Sharing Across Global Team
- Cross-site Training & Design Reviews

Cornelius Advantage

We employ a global strategy for engineering,
manufacturing and supply chain best practices



Our regionalized product strategy -
we make it where we sell it -
ensures best quality and fit for purpose

Glendale Heights, USA

Facility Size: 300,000 SF (2 facilities)

No. of Employees: 490

Key Products: Viper, Jet Spray, ABS, HD Tower, Helix

Processes: Foaming, Brazing, Assembly, Testing (Coca-Cola Authorized Lab Site)

Worcester, England

Facility Size: 65,000 SF

No. of Employees: 81

Quality Certification: ISO 9001:2008

Products: Beer coolers, Dispensing Fonts, Regulators, Remanufacturing

Processes: Assembly, Testing

Reynosa, Mexico

Facility Size: 305,000 SF

No. of Employees: 444

Quality Certification: ISO 9001:2008

Key Products: Ice Drink, Ice Cooled, Juice, Cold Plates, Valves, Carbonators

Processes: Foaming, Brazing, Coil Fab, Foundry, Assembly, Testing

Langenfeld, Germany

Facility Size: 117,500 SF

No. of Employees: 124

Quality Certification: ISO 9001:2008

Products: SCC coolers, Towers, Back Room Water coolers

Processes: Brazing, Assembly, Testing

Tianjin, China

Facility Size: 130,000 SF

No. of Employees: 200

Quality Certification: ISO 9001:2008

Products: OCE, Juice, Remote Coolers, Carbonators, Regulators

Processes: Assembly, Testing

Bangalore, India

Facility Size: 12,000 SF

No. of Employees: 60

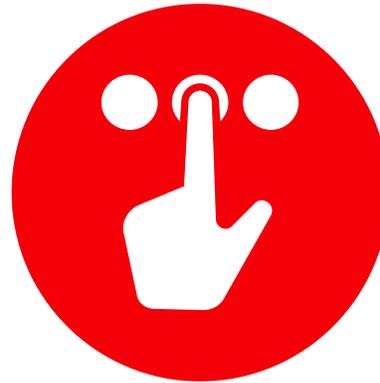
Key Functions: Design Center, Test Lab - Pursuing Coca-Cola authorization



Cornelius Value Proposition



**Drive Incremental
Revenue Through
Innovation**



**Engage Consumer
with Variety and
Choice**



**Profit from
Operational
Efficiency**



Coca-Cola[®]

Fountain

Product Guide by *Cornelius*



IDC Pro

Unparalleled Merchandising

- Revenue-generating, commercial grade 32" HD screen
- Unique cross-selling opportunities for food and merchandise
- Customizable day part promotions that transition through out the day



Smart Technology

- Intuitive and interactive swipe dual-touch screen controls
- Sales data tracking
- Open architecture enables solutions for maximum connectivity

MFV™ Dual Dispense Drink Nozzles for Shorter Queue Times

- 20 beverage brands (10 per side)
- 8 flavor shots (4 per side)
- Option for non carbonated beverages

Ease of Use

- Lighting for targeting drink into cup
- Dual pivot door (zero clearance) provides easy service and maintenance
- Modular design allows for easy component access from the front of the unit
- Uses existing BIB setup

"Pending CCNA Authorization"





IDC Pro Specifications

IDC Pro Unit Specifications

Screen Dimensions	32" Diagonally	Flow Rate for Brands	3 oz. / sec valves
Format		Cup Clearance	9-3/4"
Video	MP4 (H.264) (1920 x 800)		
Brand Image	.png (175 x 175 pixels)		
Flavor Shot Image	.png (225 x 225 pixels)		
Counter Weight	440 lbs. (plus ice weight)	Agency Listings	UL LISTED NSF
Shipping Weight	545 lbs.	Other	ADA Compliant
Ice Storage Capacity	255 lbs. ice bin capacity for cubed & chunklet (compressed) ice		
Amp Draw	115V / 60Hz / 8.5 Amps		
Electrical Rating	115V +/- 10% (requires two outlets)		
Water Supply Pressure	50 - 60 psi at pump		
CO2	75 psi at carbonator tank with internal cold carb		
Standard Features	Timing agitation, electronic beverage key switch, and 4" legs		



"Pending CCNA Authorization"



QSP (Quick Serve Pro)

QSP Unit Specifications

Type of Valves	Multiflavor valves
Number of Valves	1 (12 brands / 4 flavor shots)
Cup Clearance	8.198"
Electrical Requirements	120V / 60Hz / 8.5 Amps
Ice Storage Capacity	175 lbs.
Shipping Weight	425 lbs.
Agency Listing	
Other	ADA Compliant



FEATURES

Receives orders through the POS System- Cup holder indicator light alerts crew member what size cup to pull
-Crew member places the correct size cup in the holder for ice and drink to dispense automatically into cup

Smart - Patented Cup recognition

Options - Manual order entry backup ensures uptime

Variety - Dispenses 12 brands and 4 flavor shots

Flexible - Cup holder will accommodate small, medium, and large cups

Multi-Tasking - Can stage 3 drinks at one time

Operational Efficiency - Pro Gate ice dispense increases speed and accuracy. Early testing shows up to 16% reduction in drive-thru time.

Accurate - Order accuracy is improved as it pours drinks from the POS system. Consistent and accurate ice and beverage dispense.

Labor Savings – Helps off-set labor cost increases. Crew can concentrate on the other menu items in the drive thru.

"Pending CCNA Authorization"





Enduro (ED) Features and Benefits

Industry-Leading Valve Design

- Standard SFV1™ self-serve lever or push button post-mix valves for beverage consistency (other options available upon request)
- Modular snap-fit valve design for easy service and quick cleaning
- Designed for maximum reliability / durability

Industry's Only Integrated Hopper-Agitator Design

- Dispenses different ice types thanks to the contour of the hopper and geometry of the beverage dispenser
- Easy cleaning for optimal sanitation
- Gravity ice dispensing with positive shut-off provides targeted ice placement and slip-free environment
- 5-year limited warranty on hopper



Best-In-Class Cold Plate Design

- Access for cleaning and prevention of ice contamination
- High performance system delivers continuously during peak demand
- Modular design allows for remanufacturing to provide maximum profitability

Technological Advantage

- TotalFlex™ manifold allows easy change of any valve from carbonated to non-carbonated throughout life cycle
- Illuminated LED merchandiser delivers unique, high impact marketing message
- Compatible with top-mounted ice maker units for best space utilization (adapter kit required)
- Can be retrofit with Prism valve(s)



Enduro 150 & Enduro 175

Enduro 150 Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	6
Beverage Manifolding	TotalFlex™
Cup Clearance	10-1/4"
Graphic Dimensions	Viewable: 10-1/2"H x 16-1/4"W
Electrical Requirements	115V / 60Hz / 3 Amps
Ice Storage Capacity	150 lbs.
Cooling Capacity	10 cups of 12 oz. drinks / min @ 75°F
Shipping Weight	240 lbs.
Agency Listing	UL NSF
Other	ADA Compliant



Enduro 175 Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	8
Beverage Manifolding	TotalFlex™
Cup Clearance	10-1/4"
Graphic Dimensions	Viewable: 10-1/2"H x 18-3/4"W
Electrical Requirements	115V / 60Hz / 3 Amps
Ice Storage Capacity	175 lbs.
Cooling Capacity	10 cups of 12 oz. drinks / min @ 75°F
Shipping Weight	230 lbs.
Agency Listing	UL NSF
Other	ADA Compliant



Enduro 200 & Enduro 250

Enduro 200 Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	8 or 10
Beverage Manifolding	TotalFlex™
Cup Clearance	10-1/4"
Graphic Dimensions	Viewable: 10-1/2"H x 24-1/4"W
Electrical Requirements	115V / 60Hz / 3.5 Amps
Ice Storage Capacity	200 lbs.
Cooling Capacity	10 cups of 12 oz. drinks / min @ 75°F
Shipping Weight	310 lbs.
Agency Listing	
Other	ADA Compliant

Enduro 250 Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	8 or 10
Beverage Manifolding	TotalFlex™
Cup Clearance	10-1/4"
Graphic Dimensions	Viewable: 14-1/2"H x 24-1/4"W
Electrical Requirements	115V / 60Hz / 3.5 Amps
Ice Storage Capacity	250 lbs.
Cooling Capacity	10 cups of 12 oz. drinks / min @ 75°F
Shipping Weight	340 lbs.
Agency Listing	
Other	ADA Compliant



Enduro 300



Enduro 300 Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	8, 10 or 12
Beverage Manifolding	TotalFlex™
Cup Clearance	10-1/4"
Graphic Dimensions	Viewable: 10-1/4"H x 37-3/4"W
Electrical Requirements	115V / 60Hz / 5.2 Amps
Ice Storage Capacity	300 lbs.
Cooling Capacity	10 cups of 12 oz. drinks / min @ 75°F
Shipping Weight	430 lbs.
Agency Listing	
Other	ADA Compliant





Duraflex (DF) Features and Benefits

Industry-Leading Valve Design

- Standard SFV1™ self-serve lever or push button post-mix valves for beverage consistency (other options available upon request)
- Modular snap-fit valve design for easy service and quick cleaning
- Designed for maximum reliability / durability

Industry's Only Integrated Hopper-Agitator Design

- Maximum ice ball prevention
- Easy cleaning for optimal sanitation
- Gravity ice dispensing with positive shut-off provides targeted ice placement and slip-free environment
- 5-year limited warranty on hopper



Best-In-Class Cold Plate Design

- Access for cleaning and prevention of ice contamination
- High performance system delivers continuously during peak demand
- Easy cleaning for optimal sanitation

Technological Advantage

- Illuminated LED wraparound merchandiser delivers unique, high impact marketing message
- Compatible with top-mounted ice maker units for best space utilization (adapter kit required)
- Hard plumbed design



Duraflex 150 & Duraflex 200

Duraflex 150 Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	6
Beverage Manifolding	3-2-1 (right to left)
Cup Clearance	10-1/4"
Graphic Dimensions	Viewable: 9"H x 34"W
Electrical Requirements	115V / 60Hz / 3 Amps
Ice Storage Capacity	150 lbs.
Cooling Capacity	12 cups of 12 oz. drinks / min @ 75°F
Shipping Weight	240 lbs.
Agency Listing	 NSF
Other	ADA Compliant

Duraflex 200 Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	6, 8, or 10
Beverage Manifolding	6 Valve: 3-2-1 (right to left) 8 Valve: 3-1-1-3 (right to left) 10 Valve: 3-1-2-1-3 (right to left)
Cup Clearance	10-1/4"
Graphic Dimensions	Viewable: 10"H x 41-3/4"W
Electrical Requirements	115V / 60Hz / 3.5 Amps
Ice Storage Capacity	200 lbs.
Cooling Capacity	12 cups of 12 oz. drinks / min @ 75°F
Shipping Weight	320 lbs.
Agency Listing	 NSF
Other	ADA Compliant



Duraflex 250

Duraflex 250 Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	6, 8, or 10
Beverage Manifolding	6 Valve: 3-2-1 (right to left) 8 Valve: 3-1-1-3 (right to left) 10 Valve: 3-1-2-1-3 (right to left)
Cup Clearance	10-1/4"
Graphic Dimensions	Viewable: 14"H x 41-3/4"W
Electrical Requirements	115V / 60Hz / 3.5 Amps
Ice Storage Capacity	250 lbs.
Cooling Capacity	12 cups of 12 oz. drinks / min @ 75°F
Shipping Weight	350 lbs.
Agency Listing	
Other	ADA Compliant





IDC Features and Benefits

Industry-Leading Valve Design

- Standard SFV1™ self-serve lever or push button post-mix valves for beverage consistency (other options available upon request)
- Modular snap-fit valve design for easy service and quick cleaning
- Designed for maximum reliability / durability

Industry's Only Integrated Hopper-Agitator Design

- Ability to dispense all types of ice, including soft ice and cubed ice
- Easy cleaning for optimal sanitation
- Tilted circular cylinder in bottom of hopper
- 5-year limited warranty on hopper



Best-In-Class Cold Plate Design

- Access for cleaning and prevention of ice contamination
- High performance system delivers continuously during peak demand
- Modular design allows for remanufacturing to provide maximum profitability

Technological Advantage

- TotalFlex™ manifold allows easy change of any valve from carbonated to non-carbonated throughout life cycle
- Cold Carbonation – Built-in carbonator produces improved drink quality
- Two-piece gear motor assembly – The AC motor is easily removed from the gear box. Servicing of the motor does not require the removal of ice from the hopper or removal of the ice maker.
- Illuminated LED merchandiser delivers unique, high impact marketing message – front removeable graphics
- Mechanical ice dispense system – simple design / less moving parts
- Can be retrofit with Prism valve(s)

IDC215 and IDC255

IDC215 Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	8, or 10
Beverage Manifolding	TotalFlex™
Cup Clearance	10"
Graphic Dimensions	Template Available
Electrical Requirements	115V / 60Hz / 9.3 Amps
Ice Storage Capacity	215 lbs.
Cooling Capacity	10 cups of 12 oz. drinks / min @ 75°F
Shipping Weight	350 lbs.
Agency Listing	 NSF
Other	ADA Compliant

IDC255 Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	8, or 10
Beverage Manifolding	TotalFlex™
Cup Clearance	10"
Graphic Dimensions	Template Available
Electrical Requirements	115V / 60Hz / 9.3 Amps
Ice Storage Capacity	255 lbs.
Cooling Capacity	10 cups of 12 oz. drinks / min @ 75°F
Shipping Weight	350 lbs.
Agency Listing	 NSF
Other	ADA Compliant



"Pending CCNA Authorization"





IDC255 Pro Fast Gate

Efficient

- Improves service efficiency and speed by creating a standard lid-dispense height with bottom dispense design

Ergonomic

- New lid dispenser and large capacity straw holder feature no moving parts and an ergonomic design that is easy to access, remove, and clean



Portion Control

- Improved ice portion control system with redesigned pro fast gate, LED feedback, and easy entry/exit from program mode

Increased serviceability

- Requires only one electrical outlet
- Easy front access to carbonator tank
- Simple motor removal

Total Flex

- Manifold easily changes from carbonated to non-carbonated





IDC255 Pro Fast Gate

IDC255 Pro Fast Gate Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	8
Beverage Manifolding	TotalFlex™
Cup Clearance	8"
Electrical Requirements	120V / 60Hz / 9.3 Amps
Ice Storage Capacity	300 lbs.
Shipping Weight	350 lbs.
Agency Listing	
Other	ADA Compliant





Drop-In Features and Benefits

1522

- Foamed polyurethane insulation
- Front inlet fitting location
- Key lock switch conveniently located on tower
- All stainless steel construction
- Equipped with sliding lid with lock-out mechanism
- Available with or without illuminated marquee merchandiser
- Soft or hard plumbed

1722 Sidewinder

- Foamed polyurethane insulation
- Front inlet fitting location
- Key lock switch conveniently located on tower
- All stainless steel construction
- Extra wide built in drain pan on the dispensing pan
- Removable front and back panels on the dispensing tower
- Rated at six 12 oz. drinks per minute
- Equipped with sliding lid with lock-out mechanism
- Available with or without illuminated marquee merchandiser
- Soft or hard plumbed



2323

- Foamed polyurethane insulation
- Front inlet fitting location
- Large, extended drip tray provides extra room for cup staging and is removable for ease in cleaning
- Equipped with sliding lid with lock-out mechanism
- Available with or without illuminated marquee merchandiser
- Soft or hard plumbed

3023

- Foamed polyurethane insulation
- Front inlet fitting location
- Large, extended drip tray provides extra room for cup staging and is removable for ease in cleaning
- Equipped with sliding lid with lock-out mechanism
- Available with or without marquee illuminated merchandiser
- Soft or hard plumbed

Drop-In 1522 & Drop-In 1722 Sidewinder



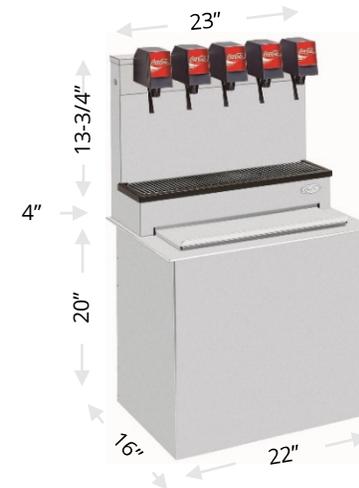
Drop-In 1522 Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	6
Countertop Cut Out	15-1/4"W x 23-1/4"D
Options	Lighted merchandiser Cabinet stand
Electrical Requirements	115V / 60Hz / 1.5 Amps
Ice Storage Capacity	60 lbs. (shown); also available in 75 lbs.
Shipping Weight	150 lbs.
Agency Listing	



Drop-In 1722 Sidewinder Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	6
Countertop Cut Out	22-1/4"W x 16-1/4"D
Options	Lighted merchandiser Cabinet stand
Electrical Requirements	115V / 60Hz / 1.5 Amps
Ice Storage Capacity	85 lbs. (shown); also available in 60 lbs.
Shipping Weight	155 lbs.
Agency Listing	





Drop-In 2323 & 3023

Drop-In 2323 Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	5, 6, 8, or 10 (10 has 2 ambient syrups and 8 chilled syrups)
Countertop Cut Out	23-1/4"W x 23-1/4"D
Options	Lighted merchandiser Cabinet stand
Electrical Requirements	115V / 60Hz / 1.5 Amps
Ice Storage Capacity	100 lbs. (shown); also available in 80 lbs.
Shipping Weight	240 lbs.
Agency Listing	



Drop-In 3023 Unit Specifications

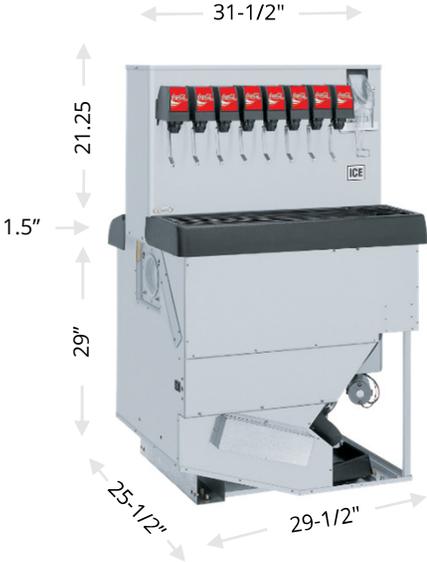
Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	8, 10, or 12
Countertop Cut Out	23-1/4"W x 30-1/4"D
Options	Lighted merchandiser Cabinet stand
Electrical Requirements	115V / 60Hz / 1.5 Amps
Ice Storage Capacity	130 lbs.
Shipping Weight	300 lbs.
Agency Listing	



Under Counter

Intraflex Plus 150BC Unit Specifications

Type of Valves	8 SFV1™ self serve levers or push button post-mix dispensing valves 1.5 – 3.0 oz / sec
Number of Valves	8
Countertop Cut Out	30"W x 26-1/4"D
Electrical Requirements	115V / 60Hz / 3 Amps
Ice Storage Capacity	150 lbs.
Shipping Weight	310 lbs.
Options	Available in right-hand and left-hand ice dispense
Agency Listing	



Drop-In Ice Tainers 1522 & 2123

Features and Benefits

- **Low profile** – Fits neatly under counters
- **Adjustable** – With legs detached, may be placed on counter or other support
- **Accommodating** – Accommodates cold plates for pre-mix or post-mix units
- **Options** – Available in two convenient sizes available with sealed-in cold plates



Unit Specifications	
Ice Storage Capacity	1522: 60 lbs. 2123: 80 lbs.
Construction	Stainless steel
Insulation	Environmentally friendly foam
Acceptable Cold Plate	1522: 12" X 18" 2123: 17" X 19"
Optional Cold Plate	1522: 13" X 20" 8 circuit sealed-in cold plate 2123: 19" X 21" 9 circuit sealed-in cold plate
Shipping Weight (w/o cold plate)	1522: 32 lbs. 2123: 45 lbs.
Shipping Weight (w/ sealed-in cold plate)	1522: 103 lbs. 2123: 145 lbs.
Agency Listing	



Drop-In Ice Chests 1522 & 2123

Features and Benefits

- **Easy install** – Fits readily into any counter or bar
- **Options** – Available in two convenient sizes;
Available with sealed-in cold plates



Unit Specifications

Ice Storage Capacity	1522: 60 lbs. 2123: 80 lbs.
Construction	Stainless steel with smooth overlapping rim
Insulation	Environmentally friendly foam
Optional Cold Plate	1522 13" X 22" 8 circuit sealed-in cold plate 2123: 19" X 21" 9 circuit pure aluminum sealed-in cold plate
Shipping Weight (w/o cold plate)	1522: 32 lbs. 2123: 46 lbs.
Shipping Weight (w/ sealed-in cold plate)	1522: 106 lbs. 2123: 145 lbs.
Agency Listing	



Drop-In Stands

Features and Benefits

- **Flexibility** – Provides flexibility to use drop-in as free standing unit
- **Durable** – Stainless steel construction
- **Adjustable** – Includes 6" adjustable legs
- **Design** – Louvered front and back panels
- **Easy access** – Additional access openings with protective trim
- **Options** – Available in assembled or knockdown versions

Unit Dimensions

1522 Cabinet Stand	36"H x 17"W x 25"D	51 lbs.
1722 Cabinet Stand	36"H x 24"W x 18"D	51 lbs.
2323 Cabinet Stand	36"H x 25"W x 25"D	60 lbs.
3023 Cabinet Stand	36"H x 32"W x 25"D	67 lbs.



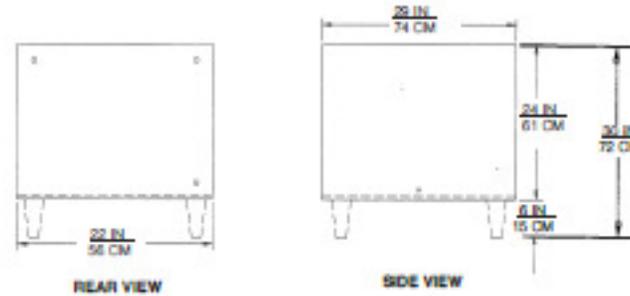
ED / DF Stands

Features and Benefits

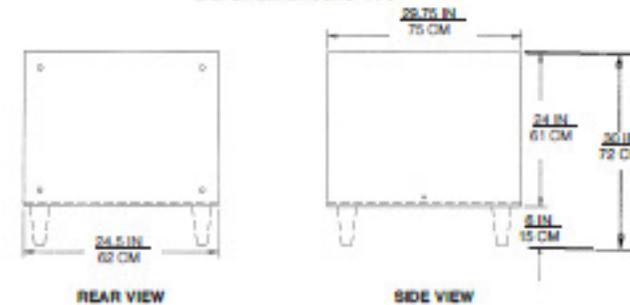
- **Durable** – Stainless steel construction
- **Adjustable** – Includes 6" adjustable legs
- **Load-bearing** – Will accommodate 1 dispenser & 1 top-mounted ice maker
- **Easy of Use** – Easy to remove front & rear panels
- **Secure** – Includes bolts to secure dispenser to stand



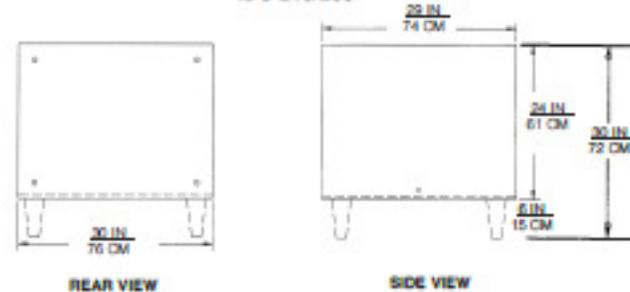
Duraflex/Enduro 150



Duraflex/Enduro 175



Duraflex/Enduro 200/250
IDC 215/255





Coca-Cola[®]

Over Counter Electric

Product Guide by *Cornelius*

Titan HC

Features and Benefits

- Independent refrigeration deck for ease service
- Improved air flow control; optimized refrigeration system and compatible with Condition D
- Interchangeable large LED illuminated graphic for maximum branding impact
- Optional non-carbonated drinks available through easy & quick changeover
- External removable condenser filter
- Robust anticorrosive coated galvanized sheet metal cladding; stainless steel as optional



Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	6
Cup Clearance	89.84"
Nominal Ice Bank Weight	22 to 24-1/4 lbs.
Electrical Requirements	115V / 60 Hz
Operating Weight	308 lbs.
Shipping Weight	187 lbs.

"Pending CCNA Authorization"

Titan 4 Valve in Product Development



Ice Only Dispensers

Features and Benefits

- Gravity ice dispensing with positive shut-off
- Insulated drip tray prevents condensation
- Water valve option is available
- One piece ABS thermoformed ice hopper provides durability
- All components accessible from the front of the unit

MODEL	ICE STORAGE CAPACITY
Enduro 150	150 lb (68 kg)
Enduro 200	200 lb (91 kg)
Enduro 250	250 lb (113 kg)
Enduro 300	300 lb (136 kg)





Coca-Cola[®]

Tower

Product Guide by *Cornelius*

Ribbon Tower

Features and Benefits

- Multi-flavor valve technology
 - Dispenses up to 8 brands
 - 4 flavor shot options
- Self and crew serve models
- Maximize revenue-generating counter space by replacing 8 valve fountain unit
- 10.1" Touchscreen selection and dispense panel
- Freeflow or Portion control dispensing options

Cornelius Value Proposition



Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	1 nozzle (8 brands)
Cup Clearance	9-3/4"
Nominal Ice Bank Weight	25.13 lbs.
Electrical Requirements	115V / 60Hz
Compressor	Requires external recirculation chiller (such as Energize 5)
Operating Weight	31 lbs. (tower) ; 10 lbs. (electronic box)
Shipping Weight	46 lbs.
Agency Listings	 Carb Water Inlet: 3/8" ID and 1/2" OD Carb Water Return: 3/8" ID and 1/2" OD Plain Water Inlet: 3/8" ID and 1/2" OD Brand Syrup Inlets: 1/4" ID and 3/8" OD Drain Fitting: 1-1/4" OD
Connections	



Tea Tower

Features and Benefits

- One or two flavor capability
- Inlet line access from back or bottom of tower
- Drip tray can be removable or plumbed
- Cooling capacity relies on your choice of remote cooling unit
- Syrup is stored in remote containers
- Simple connections to water and syrup lines
- Stainless steel construction
- Brix ratio adjustable from 4:1 to 6:1



Unit Specifications

Type of Valves	SFV1™ 2 – 4 oz. / sec
Number of Valves	2
Cup Clearance	9-3/4"
Water Pressure Required	30 lbs. PSI minimum
Electrical Requirements	115V / 60Hz / 2 Amps
Shipping Weight	13 lbs.
Agency Listings	
Other	ADA Compliant



Ceramic Tower

Features and Benefits

- **Eye Catching** – Attractive design drives brand awareness
- **Easy to Install**
- **Can be mounted on a drop in**
- **Ceramic components made of high quality stoneware**
- **Available with brass or chrome drip tray and valve mount**
- **Ceramics available in red or white**



Unit Specifications

Unit Specifications

Type of Valves	SFV1™ 1.5 – 3.0 oz. / sec
Number of Valves	6 or 8
Cup Clearance	15.75"
Electrical Requirements	115V / 60Hz / 1.5 Amps
Shipping Weight	13 lbs.
Agency Listings	UL NSF
Other	ADA Compliant





Viper Elite™ Frozen



Product Guide by 



Viper™ Elite

Features and Benefits

Building on 50 years of Experience, Viper Elite Raises the Bar in Frozen Category:

- Optimized, high-capacity refrigeration design
- Quick-recovering cooling system
- Adjustable overrun settings from 30-130% per barrel to maximize revenue



Viper Elite™

Maximum Flexibility

- Intuitive and interactive swipe dual-touch screen controls and beverage options
- Sales data tracking
- Open architecture enables solutions for maximum connectivity

Intelligent Defrost™

- Manages defrost cycles to keep unit up and running during peak demand; programmable sleep mode
- Reduces wear and tear on components

Information at Your Finger Tips

- Quickly access manuals and easy-to-follow staff and service videos via QR code

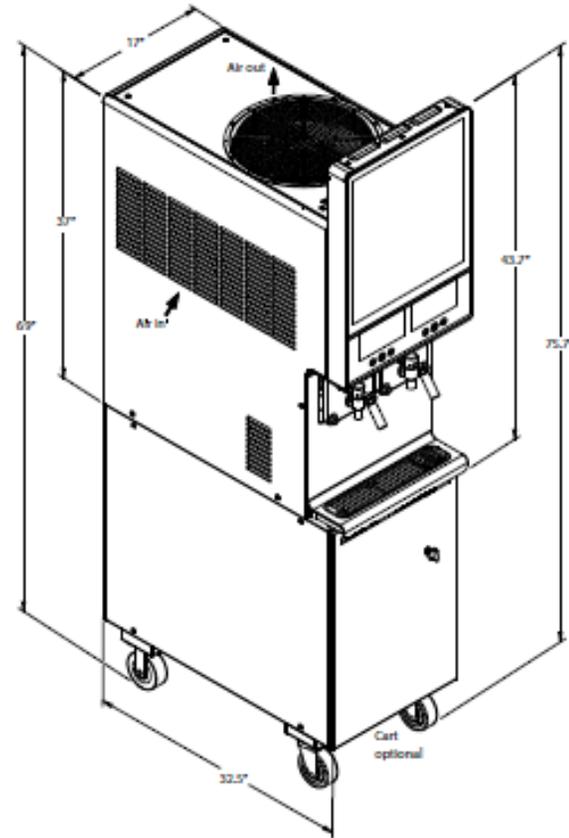




Two Barrel

2 Barrel Unit Specifications

Electrical Rating	230V +/- 15V 60Hz, 20A, Single Phase Includes 8 ft. power cord (NEMA L6-20P molded plug connection) Recommend use of a buck-boost transformer
Pressure Requirements	CO ₂ = 75 PSI Water = 25 min. PSI dynamic
Draw Capacity	60 oz. / min. continuous, alternating barrels @ 75°F ambient
Refrigeration	15,000 BTU, R404A
Min. Clearance Required	Top: 12.00" Each Side: 2.00" Back: 2.00"
Unit Dimensions	Tall Merchandiser: 17"W x 32-1/2"D x 43-3/4"H
Graphic Card Dimensions	Tall Merchandiser: 16-3/4"W x 18-3/4"H
Flavor Card Dimensions	6-1/2"W x 4"H
Shipping Weight	410 lbs. Cart 175 lbs. (optional)
Agency Listings	 
Other	ADA Compliant

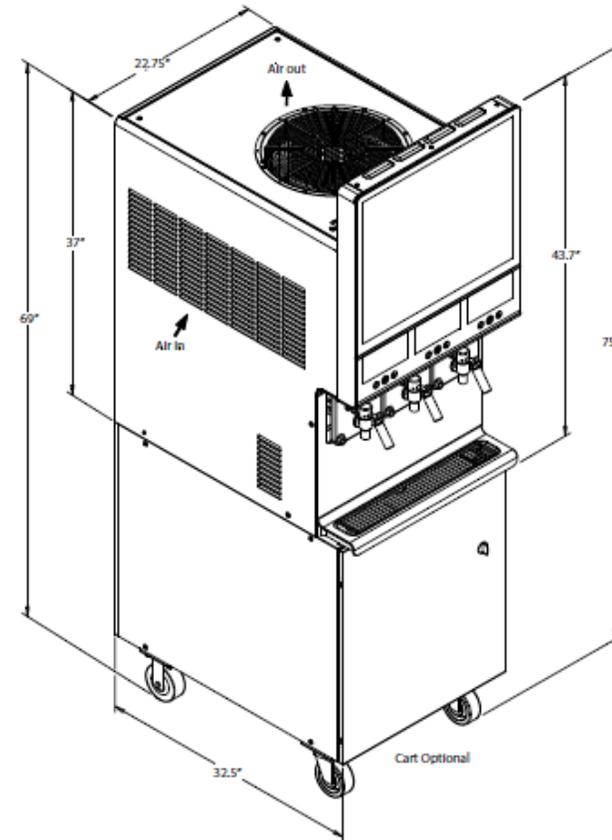




Three Barrel

3 Barrel Unit Specifications

Electrical Rating	230V +/- 15V 60Hz, 30A, Single Phase Includes 8 ft. power cord (NEMA L6-30P molded plug connection) Recommend use of a buck-boost transformer
Pressure Requirements	CO ₂ = 75 PSI Water = 25 min. PSI dynamic
Draw Capacity	75 oz. / min. continuous, alternating barrels @ 75°F ambient
Refrigeration	19,000 BTU, R404A
Min. Clearance Required	Top: 12" Each Side: 2" Back: 2"
Unit Dimensions	Tall Merchandiser: 22-3/4"W x 32-1/2"D x 43-3/4"H
Graphic Card Dimensions	Tall Merchandiser: 22-1/2"W x 18-3/4"H
Flavor Card Dimensions	6-1/2"W x 4"H
Shipping Weight	465 lbs. Cart 175 lbs. (optional)
Agency Listings	 
Other	ADA Compliant

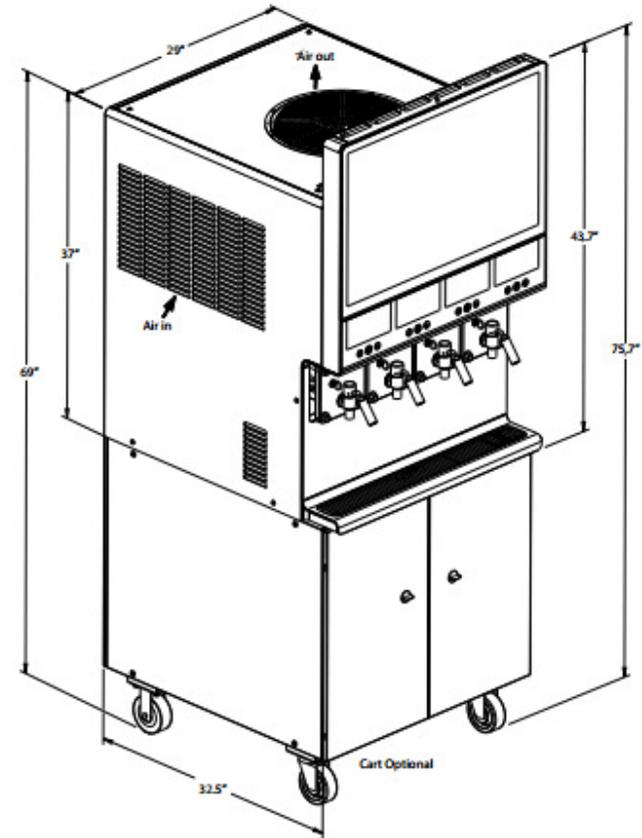




Four Barrel

4 Barrel Unit Specifications

Electrical Rating	230V +/- 15V 60Hz, 30A, Single Phase Includes 8 ft. power cord (NEMA L6-30P molded plug connection) Recommend use of a buck-boost transformer
Pressure Requirements	CO ₂ = 75 PSI Water = 25 min. PSI dynamic
Draw Capacity	75 oz. / min. continuous, alternating barrels @ 75°F ambient
Refrigeration	19,000 BTU, R404A
Min. Clearance Required	Top: 12" Each Side: 2" Back: 2"
Unit Dimensions	Tall Merchandiser: 29"W x 32-1/2"D x 43-3/4"H
Graphic Card Dimensions	Tall Merchandiser: 28-3/4"W x 18-3/4"H
Flavor Card Dimensions	6-1/2"W x 4"H
Shipping Weight	500 lbs. Cart 200 lbs. (optional)
Agency Listings	 
Other	ADA Compliant



Coca-Cola[®]



Juice

Product Guide by *Cornelius*

2 Flavor Quest Elite

Features and Benefits

- Manages wide range of post-mix beverage ingredients including juices with pulp, teas and coffees
- Large 6 -8 lbs. ice bank capacity for peak demand
- Great beverage menu extension for prime daypart beverage opportunities
- Redesigned refrigeration system for maximized performance
- LED illuminated graphics eliminates lost sales due to "lights out"
- "Sold out" indicator
- Optional flush feature speeds maintenance and promotes product safety
- Patented mixing system delivers consistent quality drinks with no stratification, slugging, or dripping



Unit Specifications

Electrical Requirements	115V / 60Hz	Water Connection	3/8" SAE male flare SAE fitting on dispenser
Refrigeration	Hermetically sealed system R134A refrigerant	Water Supply Requirements	50 PSI (3.4 bar) recommended dynamic
Ice Bank	6 - 8 lbs.	Cooling	Four 5 oz. drinks / min. @ 75°F incoming water, and 41°F concentrate without exceeding 40°F
Cabinetry	High impact plastic with stainless steel front panel	Flow Rate	Adjustable water flow rate from 1 - 2.2 oz/sec.
Recommended Clearance	Back: 4" Top: 12" Sides: 1"	Weight	Dry: 120 lbs. Operating: 185 lbs.
Concentrate Storage	68 -118 oz.	Other	ADA compliant
		Agency	



4 Flavor Quest Elite

Features and Benefits

- Manages wide range of post-mix beverage ingredients including juices with pulp, teas and coffees
- Large 14 – 16 lbs. ice bank capacity for peak demand
- Great beverage menu extension for prime daypart beverage opportunities
- Redesigned refrigeration system for maximized performance
- LED illuminated graphics eliminates lost sales due to “lights out”
- “Sold out” indicator
- Optional flush feature speeds maintenance and promotes product safety
- Patented mixing system delivers consistent quality drinks with no stratification, slugging, or dripping
- ADA compliant



Unit Specifications

Electrical Requirements	115V / 60Hz	Water Connection	3/8" SAE male flare SAE fitting on dispenser
Refrigeration	Hermetically sealed system R134A refrigerant	Water Supply Requirements	50 PSI (3.4 bar) recommended dynamic; 80 PSI (5.15 bar) max static pressure; 20 PSI (1.38 bar) min dynamic pressure
Ice Bank	14 – 16 lbs.	Cooling	Three 12 oz. drinks / min. @ 75°F incoming water, and 41°F concentrate without exceeding 40°F
Cabinetry	High impact plastic with stainless steel front panel	Flow Rate	Adjustable water flow rate from 1 - 2.2 oz/sec.
Recommended Clearance	Back: 4" Top: 12" Sides: 1"	Weight	Dry: 120 lbs. Operating: 185 lbs.
Concentrate Storage	68 – 118 oz.	Other	ADA compliant
		Agency	



Jet Spray JS7

Features and Benefits

- Visual display dispensing system promotes impulse sales
- The most compact 5-gallon visual display dispenser available; uses 25% less counter space
- Accommodates jumbo size cups for maximum profits
- Interchangeable 3 and 5 gallon bowls mix and match to meet variable product demand
- Unique pinch tube system reliability dispenses all types of beverages, including those with heavy pulp
- Constant recirculation of beverage keeps drinks chilled and fresh
- Sleek, modern design and white cabinetry fit into any foodservice environment
- Easy cleaning and maintenance



Unit Specifications

Cabinetry	White plastic and stainless steel	Unit Weight	37 lbs.
Beverage Bowl & Cover	Transparent, virtually unbreakable LEXAN® resin, with US gallon and liter markings	Shipping Weight	45 lbs.
Beverage Capacity	5 gal.	Carton Volume	4.2 cu ft.
Cup Clearance	8-1/4"	Agency Listings	
Refrigeration	JetSpray 1/6 HP hermetically sealed system R134a		
Dimensions	27"H x 17-1/4"W x 7-1/4"D		



Jet Spray JT20

Features and Benefits

- Visual display dispensing system promotes impulse sales
- Choice of Standard or Premium models
- Interchangeable 3 and 5 gallon bowls mix and match to meet variable product demand
- Unique pinch tube system reliability dispenses all types of beverages, including those with heavy pulp
- Any one bowl can be removed and sanitized while the unit continues to dispense
- Easy cleaning and maintenance



Unit Specifications

Cabinetry	White plastic (Standard), Black plastic (Premium) and stainless steel	Unit Weight	52 lbs.
Beverage Bowl & Cover	Transparent, virtually unbreakable LEXAN® resin, with US gallon and liter markings	Shipping Weight	62 lbs.
Beverage Capacity	Large bowl: 10 gal.; Small Bowl: 6 gal.	Agency Listing	 
Cup Clearance	8-1/4"		
Refrigeration	JetSpray 1/5 HP hermetically sealed system R134a		
Dimensions	26-3/4"H x 16"W x 17-1/4"D		





Jet Spray JT30

Features and Benefits

- Visual display dispensing system creates impulse sales
- Choice of Standard or Premium models
- Interchangeable 3 and 5 gallon bowls mix and match to meet variable product demand
- Available in any combination of 1, 2, or 3 in-bowl whippers to serve a variety of whipped beverages
- Unique pinch tube system reliably dispenses all types of beverages, including those with heavy pulp
- Constant recirculation of beverage keeps drinks chilled and fresh
- Any one bowl can be removed and sanitized while the unit continues to dispense
- Easy cleaning and maintenance



Unit Specifications

Cabinetry	White plastic and stainless steel	Unit Weight	44 lbs.
Beverage Bowl & Cover	Transparent, virtually unbreakable LEXAN® resin, with US gallon and liter markings	Shipping Weight	52 lbs.
Beverage Capacity	5 gal.	Carton Volume	4.2 cu ft.
Cup Clearance	9"	Agency Listings	UL NSF
Refrigeration	JetSpray 1/6 HP hermetically sealed system R134a		
Dimensions	26.625"H x 24-1/2"W x 17"D		



Jet Spray EJ1

Features and Benefits

- Ideal for high-volume, quick service operations
- Maximum profit from a minimum space; only 16" wide
- Self-merchandising visual display creates impulse sales
- Available tall cup kit can accommodate large cup size, up to 64 oz.



Unit Specifications

Cabinetry	White plastic and stainless steel	Bowl Diameter	20"
Beverage Bowl & Cover	Transparent, virtually unbreakable LEXAN® resin, with US gallon and liter markings	Unit Weight	58 lbs.
Beverage Capacity	8 gal.	Shipping Weight	Bowl: 13lbs. / Base: 59 lbs.
Cup Clearance	9"	Carton Volume	Bowl: 4.2 cu ft. / Base: 3.8 cu ft.
Refrigeration	JetSpray 1/4 HP hermetically sealed system R134a	Agency Listings	
Dimensions	26-1/4"H x 20"W x 18"D		





Sanitary
Lever



Optifill™



Portion Control



Push Button



Prism



Sanitary Lever
with
Illuminated
lighting

Valves

Cornelius SFV1™ Valve Technology

Features and Benefits



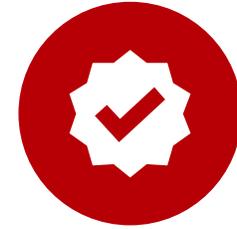
Dependable

- Rugged and reliable
- Accurate brix control with superior repeatability
- Improved ratio control reduces service calls



Easy to Use

- Modular snap-fit design for simplified maintenance
- Easy to change flow rate, activation methods, and brixing
- Minimum number of fasteners allows for quick service (8 screws in the valve)
- Self-contained flow control module and simple-to-adjust flow controls reduce set-up time



High Quality

- Corrosion-free stainless steel valve lever
- Improved ratio control reduces service calls
- Improved warranty coverage (2 years Parts / Labor)

Cornelius SFV1™ Valve

Specially designed retaining system for reliability improvement.

Brand color-matching solenoid cover with modified design to improve durability - adds rigidity to remove vibration or movement during activation.

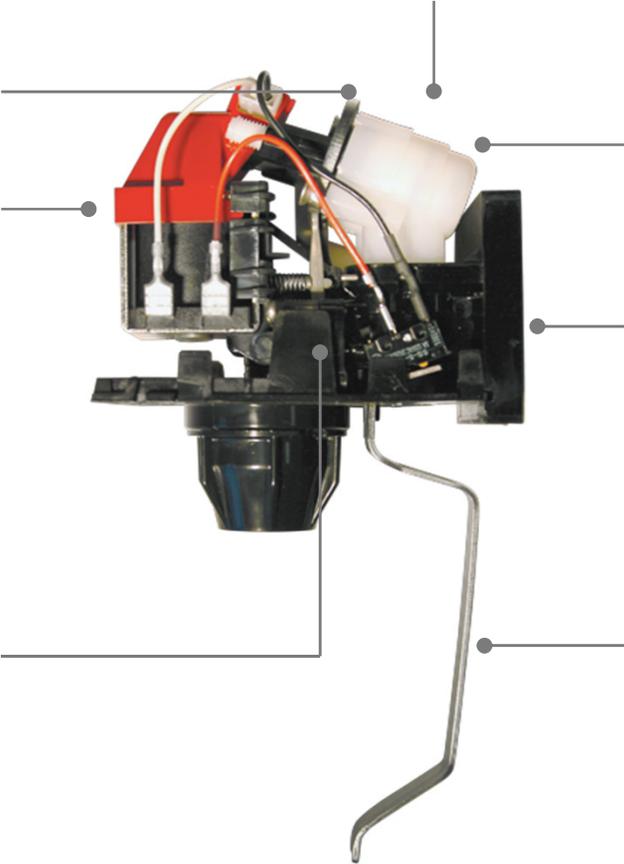
Changed material of banjos to improve reliability and durability, both banjos black now. Also interchangeable among all valves.

Thicker retaining plate for improve durability and reduce water hammer.

Specific translucent flow control body for quality improvement: removal of mold release agent to improve taste - removable with 3 easy steps, no screws involved.

Specific water ceramic set designed to provide consistent performance over a wide range of H₂O pressure (30 to 110 psi). Water has larger inlet hole and a notch on the end of the piston- syrup does not.

Stainless steel (Sanitary) lever.



SFV1™ vs LEV

Most frequent service events are addressed in a fraction of the time versus our competition.

Example: Replacing Lever

SFV1

- 5 steps
- No tools required
- Time: Approx. **35 – 40 seconds** to disassemble and reassemble



LEV

- 9 steps
- 7 screws
- Time: Approx. **4 - 5 minutes** to disassemble and reassemble



SFV1™ vs LEV

Most frequent service events are addressed in a fraction of the time versus our competition.

Example: Replacing Banjos

SFV1

- 9 steps
- 5 screws - Philips screwdriver required
- Time: Approx. **2.5 - 3 minutes** to disassemble and reassemble



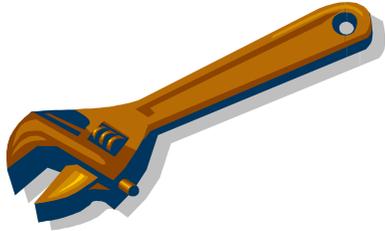
LEV

- 11 steps
- 8 screws – 2 different types – Philips screwdriver required
- Time: Approx. **4 - 5 minutes** to disassemble and reassemble



Cornelius Prism™ Valve Technology

Features and Benefits



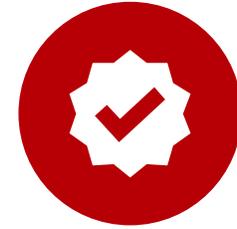
Dependable

- Utilizes many existing valve parts for service simplicity
- Automatic Timing in Brix mode improves ratio accuracy and reduces set up time in the field
- Improved ratio control reduces service calls



Easy to Use

- Completely Retrofittable on most legacy fountain drink dispensers in less than one hour
- Simple design that is able to cycle dispense modes with a simple switch
- Valve can switch dispense mode with no tools required
- A single valve front plate can be used for Lever Mode, Opti-Fill, or Push to Pour mode



High Quality

- Corrosion-free stainless steel valve lever
- Valve contains Cornelius FFV flow controls, a veteran field proven design

Sanitary Lever, Optifill & Push Button Available

Portion Control Mode currently being developed, targeting Q2 2019



Cornelius Prism™ Valve

Can be retrofit onto existing Servend backblocks for easy conversion.



Capacitive Touch Cover
– Provides superior reliability over membrane switches.

May be used for still or carbonated drinks.

Dispenses 3 brands + 1 water
– Great for carbonated and non-carbonated beverages

Opti-fill lever can be changed to Self-serve lever without any tools



Illuminated SFV1 Valve

Illuminated product decal – draws customer’s eyes to new drinks and increases purchases

Downward lighting – enhances dispensing experience and improves drink targeting

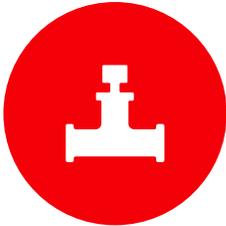


Modular design – simplified installation and maintenance

LED technology – provides consistent, bright, long-life lighting



Cornelius MFV™ Valve Technology



High Density Valve

- Maximize choices
- Minimize space



Dependable

- Rugged and reliable
- Accurate brix control with superior repeatability
- Improved ration control reduces service calls



Easy to Use

- Modular design for simplified maintenance
- Easy to change flow rate and activation methods
- Snap-fit design allows for quick serviceability



High Quality

- Corrosion-free stainless steel valve lever



Coca-Cola[®]

Support Equipment & Accessories

Product Guide by 

Merchandisers

- **Medallion**

- Stainless steel merchandiser with Coca-Cola Medallion



- **Carma**

- New contemporized merchandiser for legacy fountain dispensers



- **Marquee**

- Lighted back merchandiser for a drop in dispenser



Soft Ice Kits

- **All Cornelius models can be retrofitted to dispense soft ice by adding a soft ice kit**
 - **ED150/175**
 - Part #629088514, 3Wire #1037865, Coke #106379
 - Consists of a ice diverter and a agitator
 - **ED/DF200**
 - Part #629088508, 3Wire #1037885, Coke #106710
 - Consists of a ice diverter and a ice slide
 - **ED/DF250**
 - Part #629088507, 3Wire #1037924, Coke #105750
 - Consists of a ice diverter and a ice slide
 - **ED300**
 - Part #629088644, 3Wire #1041388, Coke #110742
 - Consists of two ice diverters and two agitators
 - **IDC / FlavorFusion / FlavorOverload**
 - Part #620920419, 3Wire # 1057795
 - Consists of a ice slide



Generic Back Room Package

Features and Benefits

- Rack for 12 BIB (4 Shelves)
- Up to 3 BIB selectors
- 8 or 12 syrup pumps
- Gas panel with CO₂ / air back-up and CO₂ pressure regulators
- Water manifold with P-regulator
- Top-shelf with space for air compressor, up to 3 large reserve carbonators (not included)
- Easy accessibility to BIB's
- Protected technical components
- Stand arrives pre-assembled
- All-inside: no need for side-space
- Optimized footprint



Unit Dimensions			
Rack Only	83.46"H x 38.58"W x 21.73"D	Water Manifold	P-regulators, 4 outlets, P-gauge
Rack & Carbonators	96.46"H x 38.58"W x 21.73"D	Gas Panel	2x air pressures (syrup) 3x CO ₂ pressures (carbonators)
Shipping Weight	165.35 lbs.		
Syrup Pumps	Shurflo		
BIB-Selectors	Shurflo		



Carbonator Low Profile Large Reserve

Features and Benefits

Large Reserve

- 2.5 gallon carbonated water reserve tank

Low Profile

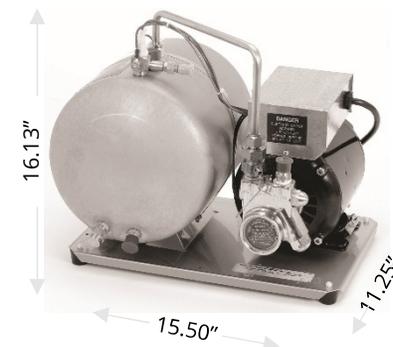
- Low voltage, solid state, liquid level control

Intelligent

- Check valves protect against water entering CO₂ supply system
- Double ball check protects against carbonated water backing up into water supply

Durable and Quiet

- Thermal protector on pump minimizes pump burnout due to lack of water
- Rubber feet provide stability and help ensure quiet operation



Unit Dimensions

Carbonator Motor	1/3 HP	Soda Water Outlet Connections	0.375" (2)
Carbonator Pump	100 GPH	Shipping Weight	30 lbs.
Operating Pressure	125 PSI maximum	Agency Listings	
Electrical Requirements	115V / 60Hz / 7.2 Amps		
Inlet Connections	0.375"		





Coca-Cola[®]

CRI Remanufacturing

Product Guide by 

Cornelius Remanufacturing Program

CRI Capabilities

- 35 Year Relationship
- 170,000 Sq Ft Warehouse
- Best in Class Remanufacturing
- 140+ Employees
- \$2MM in Parts Inventory

Certifications

- National Sanitary Foundation
- United Laboratories
- Certified Refrigeration
- Green Certified



Equipment Options



Fountain



Iced Tea / Coffee

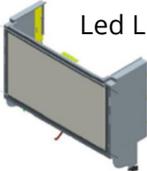


Juice / Frozen

Value Proposition



Parts Remanufacturing



Upgrades

Led Lighting



Warehouse / Logistics



The CRI Advantage

- As a result of our robust and proprietary process, CRI equipment retains important NSF and UL certifications
- Provides a consistent, like-new quality piece of equipment
- Timely delivery
- Warranty covers workmanship; parts replaced are covered under manufacturing warranty
- Current inventory status of your equipment is available at any time electronically
- In-house/full service painting capability
- Flexible, customized remanufacturing program to meet your specific requirements

