



Project:

Item Number:

Quantity:

U431 SOFT SERVE PRESSURE-FED TWIN TWIST FLOOR MACHINE



DESCRIPTION

Twin twist, pressure fed, soft serve machine with refrigerated mix storage cabinet. Ultra high-production capacity with two compressors and two drive motors allows you to serve two individual flavors or combine them for a twist. Produces quality product consistency from first cone to last. Ideal choice for restaurants, schools, cafeterias, drive-ins, recreational facilities and ice-cream parlors.

	<p>Every machine includes Stoelting's White Glove Service. One call does it all – customer service, technical service, parts or warranty information, installation, startup, sales, on-site service dispatch and much more. Available 24 hours a day, seven days a week year-round.</p>
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ITEMS

Single Phase	Three Phase
<input type="checkbox"/> U431-38I2, air cooled	<input type="checkbox"/> U431-309I2, air cooled
<input type="checkbox"/> U431-18I2-SH, water cooled	<input type="checkbox"/> U431-309I2-SH, air cooled
<input type="checkbox"/> U431-48I2, air remote	<input type="checkbox"/> U431-109I2, water cooled
	<input type="checkbox"/> U431-109I2-SH, water cooled
	<input type="checkbox"/> U431-409I2, air remote
	<input type="checkbox"/> U431-409I2-SH, air remote

FEATURES

- Delrin® food grade plastic blades provide quiet operation and superior durability.
- Simplified design for quick assembly after cleaning.
- Adjust the dispense rate to meet your requirements.
- Clear door displays circulating product for merchandising appeal.
- Efficient freezing cylinder and auger design delivers a consistent uniform product with small ice crystals and a quick recovery time.
- Highly efficient auger design gently folds the entire contents of the freezing cylinder, delivering a thick, smooth, and creamy product.
- Self-closing spigot eliminates waste and ensures precise portion control.
- Pump approved for clean-in-place, reducing cleaning time and labor requirements.
- Compact floor unit design saves valuable floor space.
- Refrigerated storage cabinet safely holds up to 16 gallons of mix, providing enough product during peak times and reducing the frequent refills.
- Long-wearing parts offer lower preventative maintenance costs.
- Tamper-proof controls for self-serve applications.
- Maintains constant temperature with fast evaporator defrost.
- Reliable and quiet with the combination of Stoelting's evaporator system and the Scroll™ compressor.
- Mix pumps inject the exact amount of air into your mix, maintaining overrun to ensure maximum profitability.

ConnectI2U™ Equipment Monitoring (optional)

- WiFi connected machine minimizes downtime and allows diagnosis from a remote location.
- Instant email notifications for user selected alerts.
- Website monitoring of equipment status and performance allows operator to see machine's performance, sales history, and preventative maintenance.

OPTIONS AND ACCESSORIES

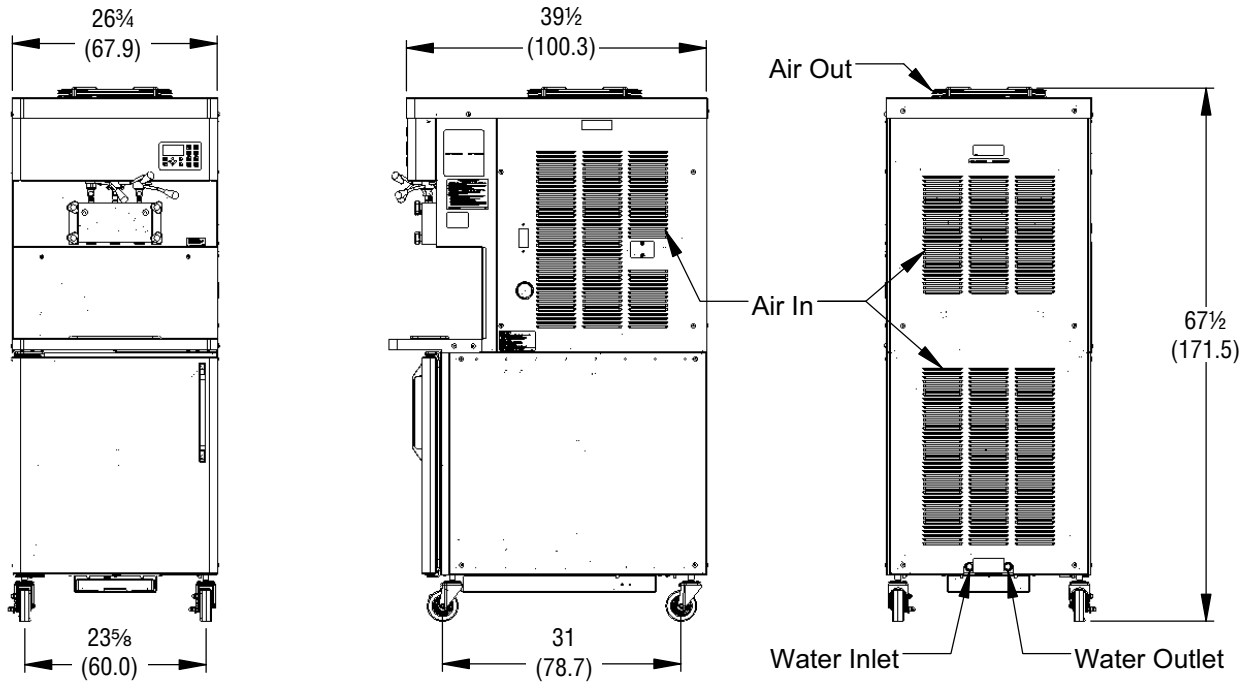
- 2208278** Drawer Retro Fit Kit (includes drawers and air manifold for non A models)

Continuous research leads to ongoing product improvements; therefore, these specifications are subject to change without notice and should not be used as installation specifications.

Approvals	Date

U431 SOFT SERVE PRESSURE-FED TWIN TWIST FLOOR MACHINE

DIMENSIONS



Note: drawings show water and air cooled features.

GENERAL SPECIFICATIONS

Freezing Cylinder			Drive Motor (hp)	Cabinet		
Capacity gallon (L)	Compressor Btu/hr	Refrigerant		Capacity gallon (L)	Compressor Btu/hr	Refrigerant
Two 1.33 (5.03)	Two 19,000	R-404A	Two 2	Two 8 (30.28)	1,300	R-134a

- Indoor use only.
- Maximum ambient temperature: 100°F (37.8 °C).
- Electrical plug not included. Hardwired connection required.

ITEM NUMBER SPECIFICATIONS

Item No.	Cooling	Swing Style Handles	Volts	Phase	Hz	Circuit Ampacity Amps (per Barrel)	Overcurrent Protection Device Amps (per Barrel)	Weight lb (kg)	Crated Weight lb (kg)
U431-109I2	Water	—	208-240	3	60	20	30	760 (344.7)	930 (421.8)
U431-109I2-SH		✓				20	30		
U431-18I2-SH		—				32	50		
U431-309I2	Air	—	208-240	3	60	20	30	785 (356.1)	952 (431.8)
U431-309I2-SH		✓				20	30		
U431-38I2		—				32	50		
U431-409I2	Air Remote	—	208-240	3	60	20	30	760 (344.7)	930 (421.8)
U431-409I2-SH		✓				20	30		
U431-48I2		—				36 left/31 right	50 left/45 right		
U431-48I2		—				36 left/31 right	50 left/45 right		

- **Remote air cooled units require:** two remote condensers and two pre-charged line sets.
- **Air cooled units require:** 6" (15.2 cm) air space on all sides and open at the top.
- **Water cooled units require:** 1/2" N.P.T. water and drain fittings. 6" (15.2 cm) air space on all sides for the cabinet refrigeration system. Maximum water pressure of 130 psi. Minimum water flow rate of 3 GPM. Ideal EWT of 50°-70°F.



Service Information
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 920-894-2293 (Outside the U.S.)
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 www.vollrath.com