



(Drums not included.)

Drum Heaters

- Dielectric tested at 1250V for 115V drum heaters and at 1500V for 230V

Mount below drum contents for freeze protection, viscosity control, melting, or keeping elevated temperatures. Nickel alloy heating element and electrically grounded, insulated screen. 115V units have 6-ft. cord set with 3-prong molded plug; 230V have a pigtail end. UL Recognized and CSA Certified.

Note: Actual temperature of the contents is affected by thermostat setting, heater wattage, type of drum contents, ambient temperature, and other system characteristics. Multiple heaters may be required for some applications.

FOR VERTICAL METAL

Wraparound heaters connect with a spring-and-clip device. Control range: 50° to 400°F. Temperature control stem rotates 310°. All have adjustable thermostats, except for 3CDA1.

FOR HORIZONTAL METAL

Reusable heater can be used while drum is in cradle. Control range: 50° to 400°F.

FOR POLY

Control range: 50° to 160°F, plus over temperature control.



For Horizontal Metal



For Vertical Metal



For Poly

Drum Cap.	Drum Dia.*	Strap Width	Voltage	Watts	Amps AC	Item No.
For Vertical Metal Drums						
5 gal	11 1/4 in	3 in	115 V	300 W	2.6 A	3CDA7
5 gal	11 1/4 in	4 in	115 V	450 W	3.9 A	3CDA8
15 gal	14 in	3 in	115 V	500 W	4.3 A	3CDA6
15 gal	14 in	4 in	115 V	750 W	6.5 A	3CDA5
30 gal	18 1/4 in	3 in	115 V	750 W	6.5 A	3CDA4
30 gal	18 1/4 in	4 in	115 V	1,100 W	9.6 A	3CDA3
55 gal	22 1/2 in	3 in	115 V	1,000 W	8.7 A	3CCZ9
55 gal	22 1/2 in	4 in	115 V	1,000 W	8.7 A	3CDA1
55 gal	22 1/2 in	3 in	230 V	1,000 W	4.3 A	3CDA2
55 gal	22 1/2 in	4 in	115 V	1,500 W	13 A	3CCZ7
55 gal	22 1/2 in	4 in	230 V	1,500 W	6.5 A	3CCZ8
For Horizontal Metal Drums						
55 gal	22 1/2 in	8 in	115 V	500 W	4.3 A	3CDA9
For Poly Drums						
5 gal	11 1/4 in	6 in	115 V	300 W	2.6 A	3CDD1
55 gal	22 1/2 in	6 in	115 V	750 W	6.5 A	3CDD2

* Plus or minus 1".

Drum Blankets and Pipe Heaters

DRUM BLANKET HEATERS

Heaters fit 55-gal. drums. For 3JJJ4, control range is 50° to 160°F. For 3JJJ2 and 3JJJ6, control range is 50° to 450°F. 3CDD4 has aluminized cloth exterior with 1" fiberglass insulation. Easy to install with hook-and-loop fasteners. Control range is 50° to 400°F.



Silicone Rubber Pipe Heater

Drum Blanket Heater

SILICONE RUBBER PIPE HEATERS

- Control range: 40° to 60°F

Reusable heaters thaw and keep metal pipes from freezing. Fit dia. from 1/2" to 1 1/2". Preset thermostat. Install with hook-and-loop fastener straps. Not for plastic pipes.



Silicone Rubber Flexible Heater



Polyimide Flexible Heater

SILICONE RUBBER FLEXIBLE HEATERS

- Operate to 400°F
- Resistance tolerance: ±10%

Install with RTV (Dow 732 or equal) adhesive. Include 12" PTFE insulated leads. UL Recognized and CSA Certified.

Watt Density	Voltage	Watts	Amps AC	Drum Dia.	H	Item No.
Drum Blanket Heaters						
1.00W/sq in	120 V	770 W	6.4 A	24 in	33 in	3JJJ4
2.00W/sq in	120 V	1,600 W	13.3 A	22 in	36 19/32 in	3JJJ2
2.00W/sq in	240 V	1,600 W	6.67 A	24 in	33 in	3JJJ6
5.70W/sq in	115 V	1,000 W	8.7 A	22 1/2 in	32 1/2 in	3CDD4
Polyimide Flexible Heaters						
5.00W/sq in	115 V	60 W	0.5 A	6 in	2 in	3CDD2
5.00W/sq in	115 V	100 W	0.9 A	10 in	2 in	3CDD4
5.00W/sq in	115 V	720 W	2 A	48 in	12 in	3CDD3
5.00W/sq in	115 V	1,440 W	12.5 A	24 in	12 in	3CDD1
Silicone Rubber Flexible Heaters						
2.50W/sq in	115 V	150 W	1.3 A	24 in	1 in	3CDD7
2.50W/sq in	115 V	230 W	2 A	48 in	1 in	3CDD8
2.50W/sq in	115 V	345 W	3 A	72 in	1 in	3CDD9
Silicone Rubber Flexible Heaters						
5.00W/sq in	115 V	60 W	0.5 A	6 in	2 in	3CDD2
5.00W/sq in	115 V	100 W	0.9 A	10 in	2 in	3CDD4
5.00W/sq in	115 V	720 W	2 A	48 in	12 in	3CDD3
5.00W/sq in	115 V	1,440 W	12.5 A	24 in	12 in	3CDD1
Polyimide Flexible Heater						
2.50W/sq in	115 V	160 W	1.4 A	8 in	8 in	3CDD7

POLYIMIDE FLEXIBLE HEATER

- Operating temp.: -70° to 390°F
- Resistance tolerance: ±10%
- Max. thickness: 0.10", except in lead exit area

Low-profile, low-watt density Kapton® heater. PTFE insulated leads. Easy to install with RTV (Dow 732 or equal) adhesive.



Economy Open 32V122

Gear Drive 32V139

Direct Drive 32V127



Drum and Tank Mixers

- Shipped unassembled
- 115 to 230V, 1-Phase

Feature TEFC electric motor or air motor and include 316 stainless steel shaft with propeller.

Economy Open Drum Mixers

Mount directly to tanks or on rails with 1 7/8" opening adjustable clamp. Adjustable bracket. 4"-dia., 3-blade fixed-propeller. 32V133 and 32V134 include junction box.

Bung-Entering Drum Mixers

For use with 55-gal. or smaller closed-head drums. Enter 2" bung opening with 2-blade folding propeller.

Bung-Entering Intermediate Bulk Container (IBC) Mixers

For use on 275- to 550-gal. drums. 9" propeller folds to pass through 2" coupling. 32V148 provides a metallic 2" coupling by mounting directly to plastic cap of poly IBCs.

Gear-Drive Tank Mixers

Cast-aluminum, handle up to 5000 gal. with viscosities up to 15,000 cps. Clutch-free with 3-blade square-pitch marine propellers. Index marks for angle and radial adjustment.

Direct-Drive Tank Mixers

Clamp to tank rim. Adjustable motor speed,

utilizes standard shafting to extend propeller to 48".

- Air-driven

Laboratory Mixer—Clamp can be used to make angular and radial adjustments. Shaft for use with tanks up to 50 gal.

Laboratory Mixer With Stand

Features four shafts. Adjustable height with hand knob. Includes cast-aluminum base with 36" mast. Base bolts to work surface.

- Air-driven

Handheld Air Mixer—Air control valve allows low-speed mixing and easy speed adjustment. Multiblade cage impeller protects blades. Cast-iron aluminum pistol grip. For 5- and 10-gal. open containers.

- Air-driven

Paint Supply Mixers—32V131 is for use with 5-gal. HVLP spray packages. 32V132 is for use with any 55-gal. drum cover. Max. torque of 32V131 is 6.5 in.-lb. (at 650 rpm); max. torque of 32V132 is 26.1 in.-lb. (at 350 rpm). Removable shafts for use with lids and containers.

- Air-driven

HP	Motor	Shaft Dia. (in.)	Shaft Length (in.)	Max. RPM	Item No.	
Economy Open Drum Mixers						
1/4	115 to 230V Single Phase	1/2 in	32 in	1,750 RPM	32V133	
1/2	115 to 230V Single Phase	3/8 in	32 in	1,750 RPM	32V134	
1/4 to 1/2	Pneumatic	3/8 in	35 in	2,000 RPM	32V122	
Bung Entering Drum Mixers						
1/4 to 1/2	115 to 230V Single Phase	5/8 in	32 in	1,725 RPM	32V135	
1/4 to 1/2	Pneumatic	5/8 in	32 in	2,000 RPM	32V124	
1/2	115 to 230V Single Phase	5/8 in	29 in	1,725 RPM	32V136	
1/2	Pneumatic	5/8 in	32 in	2,000 RPM	32V123	
Bung Entering Intermediate Bulk Container (IBC) Mixers						
1/2	115 to 230V Single Phase	1 in	40 in	450 RPM	32V137	
3/4	115 to 230V Single Phase	1 in	40 in	450 RPM	32V138	
1/2	Pneumatic	3/4 in	40 in	430 RPM	32V125	
Gear Drive Tank Mixers						
1/2	115 to 230V Single Phase	3/4 in	48 in	350 RPM	32V139	
1/2	115 to 230V Single Phase	3/4 in	48 in	350 RPM	32V140	
3/4	115 to 230V Single Phase	3/4 in	60 in	350 RPM	32V141	
Direct Drive Tank Mixers						
1	Pneumatic	5/8 in	36 in	36 in	2,000 RPM	32V127
2	Pneumatic	3/4 in	36 in	36 in	2,000 RPM	32V128
Laboratory Mixer						
1/20	115V Single Phase	3/16 in	30 in	30 in	1,700 RPM	32V142
Laboratory Mixer w/Stand						
1/2	Pneumatic	1/2 in	12 in, 16 in, 20 in, 24 in	12 in, 16 in, 20 in, 24 in	2,000 RPM	32V129
Handheld Air Mixer						
1/2	Pneumatic	1/2 in	20 1/2 in	20 1/2 in	1,000 RPM	32V130
Paint Supply Mixers						
1/2	Pneumatic	1/2 in	12 in	12 in	2,000 RPM	32V131
1/2	Pneumatic	1/2 in	32 in	32 in	2,000 RPM	32V132
Replacement Parts						
Description		For Use With			Item No.	
Propeller for 1/2" Shaft		32V131, 32V133			32V143	
Propeller for 3/8" Shaft		32V122, 32V134			32V144	
Folding Propeller		32V123, 32V124, 32V135, 32V136			32V145	
Clamp Assembly		32V122, 32V133, 32V134			32V146	
Shaft		32V123, 32V124, 32V134, 32V136			32V147	
Bulkhead Fitting		32V137, 32V138			32V148	