

4000 SERIES ULTRASONIC CLEANING SYSTEMS



Engineered For Heavy Duty, Precision Cleaning Industrial Applications

L&R's 4000 Series Ultrasonic Cleaning Systems feature a separate tank and generator configuration. All 4002 Generators feature standard Constant Power Output (CPO) and timer, options for SweepZone™ Technology or heater (up to 180° F or 83° C). The 4000 Series is designed to provide heavy duty, precision cleaning all day long.

All tanks are heavy 14 gauge stainless steel. Choose from tank sizes of 5 to 42 gallons. The housing is constructed of heavy gauge aluminum with a chemical resistant vinyl-clad covering.



4000 Series Ultrasonic Cleaning Systems give you maximum cleaning for varied industrial applications.

Specifications

Multiplex resonant transducer modules:

43 KHz plus complex resonances (50-90 KHz)

Mounting flange:

For flush tabletop mounting.
(Models 4660 & 4661 do not have this feature)

Heaters:

Strip heaters
Thermostatically controlled to 180° F (approx.)
Separate power cord
Separate illuminated on/off switch

Dimensions:

See chart for standard sizes. Custom sizes available

Construction:

Double wall
Heliarc welded

Tank material:

14 gauge stainless steel #4 finish

Outer wall:

Chemical resistant black vinyl-clad aluminum

Transducer modules:

10 year guarantee on bonding of transducer to tank

Options

Pump and filter:

Pump and filter system to recirculate and filter the cleaning solution

Custom installation:

Units can be supplied for flush and other custom mounting requirements on special order

Remote generator location:

Provisions can be made for locating the ultrasonic generator up to 25 feet from the tank unit

Tank stands:

Available on most models

Warranty 1 year parts and labor

4000 Series Specifications

PRODUCT CODE	MODEL NUMBER	INTERNAL DIMENSIONS (L x W x D)	GAUGE	TANK CAPACITY (GALLONS) & LITERS	OVERALL DIMENSIONS (L x W x D)	WEIGHT ² (LBS & KGS)	GEN. WEIGHT ² (LBS & KGS)	ULTR. LINE POWER REQ. (WATTS)	OPT. HEAT POWER REQ. (WATTS)
817	4660* Non-Heated	14" x 9" x 9" 35,6 x 22,9 x 22,9 cm	16	5 18,9	20-1/4" x 11-3/4" x 15-1/2" 51,4 x 29,8 x 39,4 cm	45 20,4	-	600	-
818	4661* Heated	14" x 9" x 9" 35,6 x 22,9 x 22,9 cm	16	5 18,9	20-1/4" x 11-3/4" x 15-1/2" 51,4 x 29,8 x 39,4 cm	45 20,4	-	600	450
819	4005 Non-Heated	12" x 10" x 10" 30,4 x 25,4 x 25,4 cm	14	5 18,9	17" x 15" x 14-1/2" 43,2 x 38,1 x 36,8 cm	46 20,9	16 7,3	600	-
820	4105 Heated	12" x 10" x 10" 30,4 x 25,4 x 25,4 cm	14	5 18,9	17" x 15" x 14-1/2" 43,2 x 38,1 x 36,8 cm	46 20,9	16 7,3	600	450
649	4006 Non-Heated	14" x 10" x 10" 35,6 x 25,4 x 25,4 cm	14	6 22,7	19" x 15" x 14-1/2" 48,3 x 38,1 x 36,8 cm	48 22	16 7,3	600	-
650	4106 Heated	14" x 10" x 10" 35,6 x 25,4 x 25,4 cm	14	6 22,7	19" x 15" x 14-1/2" 48,3 x 38,1 x 36,8 cm	48 22	16 7,3	600	450
821	4010 Non-Heated	16" x 12" x 12" 40,6 x 30,4 x 30,4 cm	14	10 37,9	21" x 17" x 16-1/2" 53,3 x 43,2 x 42,0 cm	77 34,9	22 10,0	1000	-
822	4110 Heated	16" x 12" x 12" 40,6 x 30,4 x 30,4 cm	14	10 37,9	21" x 17" x 16-1/2" 53,3 x 43,2 x 42,0 cm	77 34,9	22 10,0	1000	900
651	4012 Non-Heated	18" x 12" x 12" 45,7 x 30,4 x 30,4 cm	14	12 45,4	23" x 17" x 16-1/2" 58,4 x 43,2 x 42,0 cm	81 37,0	22 10,0	1000	-
652	4112 Heated	18" x 12" x 12" 45,7 x 30,4 x 30,4 cm	14	12 45,4	23" x 17" x 16-1/2" 58,4 x 43,2 x 42,0 cm	81 37,0	22 10,0	1000	1000
823	4022 Non-Heated	20" x 16" x 16" 50,8 x 40,6 x 40,6 cm	14	22 83,3	25" x 21" x 20-1/2" 63,5 x 53,3 x 52,0 cm	101 45,8	22 10,0	1200	-
824	4122 Heated	20" x 16" x 16" 50,8 x 40,6 x 40,6 cm	14	22 83,3	25" x 21" x 20-1/2" 63,5 x 53,3 x 52,0 cm	101 45,8	22 10,0	1200	2000
674	4042 Non-Heated	24" x 20" x 20" 61,0 x 50,8 x 50,8 cm	14	42 159,0	29" x 25" x 24-1/2" 73,7 x 63,5 x 62,0 cm	170 77,1	30 13,6	1800	-
675	4142 Heated	24" x 20" x 20" 61,0 x 50,8 x 50,8 cm	14	42 159,0	29" x 25" x 24-1/2" 73,7 x 63,5 x 62,0 cm	170 77,1	30 13,6	1800	4000

ALL MACHINES ARE 117 VAC; 60 Hz STANDARD, 230 VAC; 50-60 Hz AVAILABLE ON REQUEST (EXCEPT 4142: 230 VAC 50-60 Hz ONLY) SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

² Uncrated weight.

*These models are of single unit construction.