



SL-50 Solaris 50-lb Capacity, Single Pocket Dryer



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The SL-50 is equipped with numerous features that are standard to the sophisticated Solaris line. These include a smart self-diagnostic multi-lingual microprocessor, a strong stainless steel tumbler (optional), and a sleek space-saving design. This formidable 50-lb capacity model also boasts a unique dual-burner design that saves energy and provides built-in operating redundancy. And with its auto-dry feature and reversing tumbler, it is perfect for wet cleaning applications.

Benefits

Drying Performance: The SL-50 achieves outstanding drying performance. The unique design with 100% axial airflow allows for optimal drying performance in gas, steam, or electrically heated dryers. Dramatic utility savings are realized without sacrificing dry times. The SL-50 standard single-phase reversing tumbler separate larger items, preventing "balling" and "roping", and resulting in faster drying for these items.

Easy To Use Microprocessor Controls: Solaris dryers are equipped with a state-of-the-art computer board that constantly monitors the drying cycle from beginning to end. The Residual Moisture Control auto-dry feature provides pinpoint accuracy; preventing over-drying that saves time and energy. The multi-lingual micro is also self-diagnostic, which means problems are quickly identified and downtime is reduced.

Durability: The SL-50 features a rugged four-wheel support system that parallels the design of larger industrial dryers. Stainless steel tumblers (optional), door hinges and lint screens are impervious to corrosion while heavy-duty doors feature a heat-saving double glass design. Components are 98% front accessible for ease of service.

Features

- Compact cabinet dimensions
- Four-wheel drum support
- Standard single-phase reversing tumbler
- Efficient double burner design
- Front serviceable, inclusive for tumbler and belt
- Stainless steel tumbler (optional)
- S.A.F.E. feature (optional on coin dryers)

Specifications

Approximate Net Weight	545 lb		247.21 kg
Approximate Shipping Weight	565 lb		256.28 kg
Airflow	525 cfm		14.87 cmm
Exhaust Connection (Diameter)	8"		20.32 cm
Compressed Air Connection		N / A	
Compressed Air Volume		N / A	
Oven Size	kW	Btu/hr	kcal/hr
	13.4	45,869	11,559
	14.7	50,136	12,634
	14.8	50,545	12,737
	16.0	54,606	13,761

Steam

Voltage Available	120-240v 1ø 2,3w 50/60 Hz		
Approximate Net Weight	545 lb		247.21 kg
Approximate Shipping Weight	565 lb		256.28 kg
Airflow	525 cfm		14.87 cmm
Steam Consumption	127.5 lb/hr		57.83 kg/hr
Operating Steam Pressure	150 psi max		10.34 bar
Exhaust Connection (Diameter)	8"		20.32 cm
Compressed Air Connection		N / A	
Compressed Air Volume		N / A	
Boiler Horsepower (Normal Load)		3.75 Bhp	
Supply Connection		3/4" F.N.P.T.	
Return Connection		3/4" M.N.P.T.	

Electrical Specifications

Gas Models

Volt / Hz / Phase	Amps	
	Non-Rev	Rev

120 / 60 / 1	18.1	18.1
200 / 60 / 1	13.0	13.0
208 / 60 / 1	12.8	12.8
240 / 60 / 1	12.6	12.6
200 / 50 / 1	12.9	12.9
220 / 50 / 1	12.4	12.4
230 / 50 / 1	12.1	12.1

Electric Models

Volt / Hz / Phase / kW	Amps	
	Non-Rev	Rev
200 / 60 / 1 / 14.8	81.0	81.0
208 / 60 / 1 / 16.0	83.9	83.9
240 / 60 / 1 / 16.0	74.3	74.3
208 / 60 / 3 / 16.0	51.4	51.4
240 / 60 / 3 / 16.0	46.1	46.1
200 / 50 / 1 / 14.8	80.9	80.9
230 / 50 / 1 / 14.7	70.8	70.8
230 / 50 / 3 / 14.7	43.8	43.8
380 / 50 / 3 / 13.4	27.3	27.3
400 / 50 / 3 / 14.8	28.3	28.3
416 / 50 / 3 / 16.0	29.2	29.2