



SL-3131 Solaris 30-lb Capacity, Dual Pocket Dryer



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The smart SL-3131 dual pocket dryer is a stacked version of our SL-31 model. The unit contains two 30-lb capacity tumblers and boasts all the same great features of its single-pocket sister including lower heat input and lower airflow.

Benefits

Drying Performance: The SL-3131 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 55,000 Btu/hr heat input accomplishes what others can only do with much higher utility requirements.

Compact Footprint: Dimensionally the SL-3131 boasts a smaller footprint resulting in a more efficient use of valuable floor space.

Easy To Use Microprocessor Controls: Easy to read graphics are customer friendly and can be programmed to scroll between two different languages. The multi-lingual micro is also self-diagnostic, which means problems are quickly identified and downtime is reduced. On-premise units feature S.A.F.E., sensor activated fire extinguishing system, which virtually eliminates the risk of fires due to spontaneous combustion.

Durability: The SL-3131 features a rugged four-wheel support system that parallels the design of larger industrial dryers. Stainless steel tumblers, 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 size
- Stainless steel tumbler
- Four-wheel drum support
- Single-phase reversing available
- 98% Front serviceable, inclusive for tumbler and belt
- Multi-lingual display with self-diagnostic messaging
- S.A.F.E. feature available as an option

Maximum Capacity (Dry Weight) per pocket	30 lb	13.61 kg
Tumbler Diameter	30"	76.20 cm
Tumbler Depth	27"	68.58 cm
Tumbler Volume per pocket	11.04 cu ft	312.62 L
Tumbler/Drive Motor per pocket	1/4 hp	0.19 kW
Blower/Fan Motor per pocket	1/2 hp	0.37 kW
Cabinet Width	31-1/8"	79.06 cm
Cabinet Height	80-3/8"	204.19 cm
Cabinet Depth (Gas & Electric)	34-15/32"	87.57 cm
Cabinet Depth (Steam)	36-27/32"	93.6 cm
Door Opening (Diameter)	19-3/8"	49.21 cm
Door Sill Height top pocket / bottom pocket	54-11/16" / 14-7/8"	138.91 cm / 37.78 cm

Water Connection 3/4"-11.5 NH (North America)
3/4" B.S.P.T. (Outside North America)

Dryers Per 20'/40' Container 12 / 28

Dryers Per 48'/53' Truck 34 / 38

Gas

Voltage Available	120-240v	1ø 2w	50/60 Hz
Approximate Net Weight	550 lb		249.48 kg
Approximate Shipping Weight	580 lb		263.08 kg
Airflow per pocket (60 Hz)	360 cfm		10.19 cmm
Airflow per pocket (50 Hz)	300 cfm		8.49 cmm
Heat Input per pocket	55,000 Btu/hr		13,860 kcal/hr
Exhaust Connection (Diameter) per pocket	6"		15.24 cm

Compressed Air Connection N / A

Compressed Air Volume N / A

Inlet Pipe Connection 1/2" M.N.P.T.
per pocket 3/8" M.B.S.P.T. (CE and Australia Only)

Electric

Voltage Available	200-416v	1,3ø 2,3,4w	50/60 Hz
Approximate Net Weight	550 lb		249.48 kg
Approximate Shipping Weight	580 lb		263.08 kg
Airflow per pocket (60 Hz)	360 cfm		10.19 cmm
Airflow per pocket (50 Hz)	300 cfm		8.49 cmm
Exhaust Connection (Diameter) per pocket	6"		15.24 cm

Compressed Air Connection N / A

Compressed Air Volume N / A

Oven Size per pocket	kW	Btu/hr	kcal/hr
	7.9	26,962	6,794
	8.3	28,327	7,138
	9.0	30,716	7,740
	11.3	38,566	9,719
	12.4	42,320	10,665
	12.5	42,661	10,751
	13.5	46,074	11,611

Steam

Voltage Available	120-240v	1ø 2w	50/60 Hz
Approximate Net Weight	580 lb		263.08 kg
Approximate Shipping Weight	610 lb		276.69 kg
Airflow per pocket (60 Hz)	360 cfm		10.19 cmm
Airflow per pocket (50 Hz)	300 cfm		8.49 cmm

Exhaust Connection (Diameter) per pocket	6"	15.24 cm
Compressed Air Connection	N / A	
Compressed Air Volume	N / A	
Boiler Horsepower (Normal Load) per pocket	1.75 Bhp	
Supply Connection per pocket	1/2" F.N.P.T.	
Return Connection per pocket	1/2" M.N.P.T.	

Electrical Specifications per pocket

Gas Models

Volt / Hz / Phase	Amps	
	Non-Rev	Rev
120 / 60 / 1	10.3	10.3
200 / 60 / 1	8.7	8.7
208 / 60 / 1	8.4	8.4
220 / 60 / 1	8.1	8.1
240 / 60 / 1	7.7	7.7
200 / 50 / 1	8.8	8.8
220 / 50 / 1	8.1	8.1
230 / 50 / 1	7.4	7.4
240 / 50 / 1	7.0	7.0

Electric Models

Volt / Hz / Phase / kW	Amps	
	Non-Rev	Rev
200 / 60 / 1 / 12.5	68.4	68.4
208 / 60 / 1 / 7.9	43.8	43.8
208 / 60 / 1 / 13.5	70.7	70.7
240 / 60 / 1 / 9.0	42.7	42.7
240 / 60 / 1 / 13.5	61.5	61.5
208 / 60 / 3 / 13.5	43.3	43.3
220 / 60 / 3 / 11.3	35.3	35.3
240 / 60 / 3 / 13.5	37.7	37.7
380 / 60 / 3 / 11.3	22.8	22.8
200 / 50 / 1 / 12.5	67.7	67.7
230 / 50 / 1 / 8.3	41.3	41.3
230 / 50 / 1 / 12.4	59.1	59.1
230 / 50 / 3 / 12.4	36.5	36.5
380 / 50 / 3 / 11.3	22.6	22.6
400 / 50 / 3 / 12.4	23.1	23.1
416 / 50 / 3 / 13.5	23.7	23.7

Steam Models

Volt / Hz / Phase	Amps	
	Non-Rev	Rev
120 / 60 / 1	9.3	9.3
240 / 60 / 1	5.1	5.1
208 / 50 / 1	6.0	6.0
220 / 50 / 1	5.5	5.5
230 / 50 / 1	5.4	5.4

