



SL-2020 Solaris 20-lb Capacity, Dual Pocket Dryer



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The smart SL-2020 dual pocket dryer is a stacked version of our SL-20 model. The unit contains two 20-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-2020 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.

Compact Footprint: Dimensionally the SL-2020 is ideal where a 30-lb capacity is not required. In a high performance 20-lb dryer, the result is more units can fit in your 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-2020 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

Unit of Measure Metric Unit

| | | |
|---|---|----------------------|
| Maximum Capacity (Dry Weight) per pocket | 20 lb | 9.07 kg |
| Tumbler Diameter | 25-3/4" | 65.41 cm |
| Tumbler Depth | 24" | 60.96 cm |
| Tumbler Volume per pocket | 7-1/2 cu ft | 212.38 L |
| Tumbler/Drive Motor per pocket | 1/4 hp | 0.19 kW |
| Blower/Fan Motor per pocket | 1/3 hp | 0.25 kW |
| Cabinet Width | 27" | 68.58 cm |
| Cabinet Height | 72-7/8" | 185.11 cm |
| Cabinet Depth | 30-19/32" | 77.72 cm |
| Door Opening (Diameter) | 19-3/8" | 49.21 cm |
| Door Sill Height top pocket / bottom pocket | 49" / 13" | 124.46 cm / 33.02 cm |
| Water Connection | 3/4"-11.5 NH (North America) 3/4" B.S.P.T. (Outside North America) | |

| | |
|------------------------------|----------|
| Dryers Per 20'/40' Container | 42 / 84 |
| Dryers Per 48'/53' Truck | 96 / 108 |

Gas

| | | | | |
|--|---------------|--|----|----------------|
| Voltage Available | 120-240v | 1ø | 2w | 50/60 Hz |
| Approximate Net Weight | 460 lb | | | 208.65 kg |
| Approximate Shipping Weight | 485 lb | | | 219.99 kg |
| Airflow per pocket (60 Hz) | 230 cfm | | | 6.51 cmm |
| Airflow per pocket (50 Hz) | 191 cfm | | | 5.40 cmm |
| Heat Input per pocket | 40,000 Btu/hr | | | 10,080 kcal/hr |
| Exhaust Connection (Diameter) per pocket | 4" | | | 10.16 cm |
| Compressed Air Connection | | N / A | | |
| Compressed Air Volume | | N / A | | |
| Inlet Pipe Connection per pocket | | 3/8" M.N.P.T. 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 | 460 lb | | | 208.65 kg |
| Approximate Shipping Weight | 485 lb | | | 219.99 kg |
| Airflow per pocket (60 Hz) | 230 cfm | | | 6.51 cmm |
| Airflow per pocket (50 Hz) | 191 cfm | | | 5.40 cmm |
| Exhaust Connection (Diameter) per pocket | 4" | | | 10.16 cm |
| Compressed Air Connection | | N / A | | |
| Compressed Air Volume | | N / A | | |
| Oven Size per pocket | kW | Btu/hr | kcal/hr | |
| | 4.1 | 13,843 | 3,488 | |
| | 5.0 | 17,065 | 4,300 | |
| | 5.4 | 18,430 | 4,644 | |
| | 5.6 | 19,112 | 4,816 | |
| | 6.1 | 20,819 | 5,246 | |
| | 6.5 | 22,184 | 5,590 | |
| | 6.8 | 23,208 | 5,848 | |
| | 7.4 | 25,255 | 6,364 | |
| | 7.5 | 25,597 | 6,450 | |
| | 8.1 | 27,644 | 6,966 | |

Steam

| | | | | |
|-----------------------------|----------|----|----|-----------|
| Voltage Available | 120-240v | 1ø | 2w | 50/60 Hz |
| Approximate Net Weight | 476 lb | | | 215.91 kg |
| Approximate Shipping Weight | 501 lb | | | 227.25 kg |
| Airflow per pocket (60 Hz) | 230 cfm | | | 6.51 cmm |

| | | |
|---|-------------|---------------|
| per pocket | | |
| Operating Steam Pressure | 150 psi max | 10.34 bar |
| Exhaust Connection (Diameter) per pocket | 4" | 10.16 cm |
| Compressed Air Connection | | N / A |
| Compressed Air Volume | | N / A |
| Boiler Horsepower (Normal Load) per pocket | | 1.2 Bhp |
| Supply Connection per pocket | | 1/2" F.N.P.T. |
| Return Connection per pocket | | 1/2" F.N.P.T. |

Electrical Specifications per pocket

Gas Models

| Volt / Hz / Phase | Amps | |
|-------------------|---------|-----|
| | Non-Rev | Rev |
| 120 / 60 / 1 | 8.9 | 8.9 |
| 200 / 60 / 1 | 7.7 | 7.7 |
| 208 / 60 / 1 | 7.6 | 7.6 |
| 240 / 60 / 1 | 7.2 | 7.2 |
| 200 / 50 / 1 | 7.8 | 7.8 |
| 220 / 50 / 1 | 7.4 | 7.4 |
| 230 / 50 / 1 | 7.3 | 7.3 |
| 240 / 50 / 1 | 7.0 | 7.0 |

Electric Models

| Volt / Hz / Phase / kW | Amps | |
|------------------------|---------|------|
| | Non-Rev | Rev |
| 200 / 60 / 1 / 5.6 | 32.7 | 32.7 |
| 208 / 60 / 1 / 4.1 | 24.2 | 24.2 |
| 208 / 60 / 1 / 6.1 | 34.0 | 34.0 |
| 240 / 60 / 1 / 5.4 | 27.1 | 27.1 |
| 240 / 60 / 1 / 8.1 | 38.4 | 38.4 |
| 208 / 60 / 3 / 6.5 | 22.7 | 22.7 |
| 240 / 60 / 3 / 7.5 | 22.6 | 22.6 |
| 200 / 50 / 1 / 5.6 | 32.7 | 32.7 |
| 230 / 50 / 1 / 5.0 | 26.4 | 26.4 |
| 230 / 50 / 1 / 7.4 | 36.8 | 36.8 |
| 240 / 50 / 1 / 8.1 | 38.4 | 38.4 |
| 380 / 50 / 3 / 6.8 | 15.0 | 15.0 |
| 400 / 50 / 3 / 7.5 | 15.5 | 15.5 |
| 416 / 50 / 3 / 8.1 | 15.8 | 15.8 |