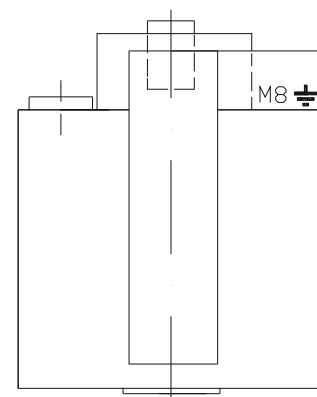


FRONT VIEW

BACK VIEW



- 1-disconnect switch
- 2-suction-fan motor
- 3-air flow switch
- 4-electrical junction box
- 5-exhaust duct
- 6-gas inlet

**Technical specification:**

|                      |   |
|----------------------|---|
| Capacity:            | 24 kg   |
| Max. load ratio 1:22 |   |
| Drum dimension:      | $\varnothing 939 \times 762$ mm                               |
| Drum volume:         | 528dm <sup>3</sup>  |
| Electrical system:   | 1+PEN 230V, 50Hz  |
| Electrical input:    | 0,34 kW   |
| Safe-guarding:       | 16 Amp  |
| Conductors section:  | 2x2,5 mm <sup>2</sup> Cu                                      |
| Motor power:         | 0,34 kW   |
| Max. air flow:       | 1522 m <sup>3</sup> /hour                                     |
| Air pressure:        | 125 Pa  |
| Gas- pressure        | depend on local standard<br>see EN 437/93                     |
| - consumption        | 3,7 m <sup>3</sup> /h G20-25<br>1,36 m <sup>3</sup> /h G30-31 |
| - inlet              | DN15 with stop valve  |
| Dimensions: width    | 981 mm  |
| depth                | 1191 mm   |
| height               | 1946 mm   |
| Weight: net          | 247 kg  |
| gross                | 297 kg  |

For maximum efficiency and minimum lint accumulation, tumbler air must be exhausted to outdoors by shortest route.

Exhaust ducts shall be constructed of sheet metal or other noncombustible material.

Maximum allowable length to venting is 14 feet(4.3m) and two 90°elbows or equivalent. If equivalent length of a duct required for installation exceeds maximum allowable equivalent length, diameter of a round duct must be increased by 10% for each additional 20 feet(6.1m).

|                   |  |
|-------------------|--|
| 90°elbow quantity | maximum length of metal duct $\varnothing 203$ |
| 0                 | 9.96 m   |
| 1                 | 7.13 m   |
| 2                 | 4.3 m  |

-for additional elbow extra is need subtract 2.83 m

With tumbler in operation, airflow at any point in duct must be at least 1200 feet (366m) per minute to insure that remains airborne.

There is possible to join max. 6 tumblers at the collector duct, individual tumbler ducts must enter at a 45°angle in direction of air flow. Never connect a tumbler duct at a 90°angle to collector duct.

Recommendation duct enlargement:

|          |                    |
|----------|--------------------|
| quantity | min. duct diameter |
| 2        | 305                |
| 3        | 381                |
| 4        | 432                |
| 5        | 483                |
| 6        | 533                |

|  |          |                          |         |       |            |
|--|----------|--------------------------|---------|-------|------------|
|  | LDR530 G | Date                     | 28.2.03 | No    | 06-103-2.3 |
|  |          | Author                   | T.R.    | Index |            |
|  |          | INDUSTRIAL TUMBLER DRYER |         |       |            |