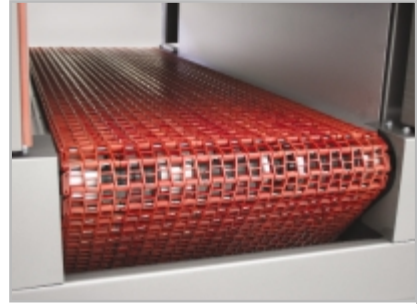
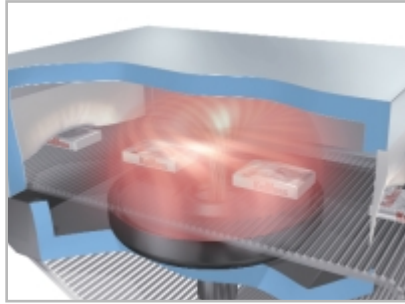


# Universal and efficient.

The patented ring nozzle heating system with effective air flow control (left picture).

Inside chamber view showing the plastic mesh belt conveyor (right picture).



## Facts, data, figures

### Technical data

### Compact 450 SO & Compact 650 SO

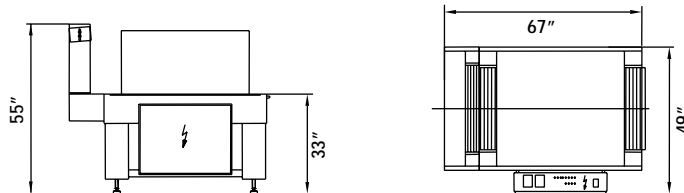
|  |  |
|--|--|
| Tunnel clearance in width:                         | 17" for 450 SO, 25" for 650 SO                                 |
| Tunnel clearance in height, adjustable:            | 4" - 16"   |
| Length of the heated tunnel hood:                  | 43"  |
| Working height, adjustable:                        | 32" - 36"  |
| Product transport:                                 | plastic mesh belt – GFN  |
| Conveyor speed:                                    | 30' - 115'/minute, infinitely adjustable                       |
| Heating blower capacity:                           | infinitely adjustable  |
| Air-flow regulation:                               | patented ring nozzle system                                    |
| Temperature control:                               | electronic thermostat, switching precision +/- 0.2° C          |
| Power supply:                                      | 208-480 volts, 60 hz, 3-phase, with ground                     |
| Heating capacity, installed, two-stage switchable: | 9.0 + 4.5 kW (consumption in continuous operation approx. 40%) |
| Rated capacity / nominal current at 208 V:         | 14.5 kW / 42.0 amps  |
| Paint finish:                                      | Kalfass Anthracite Gray  |

### Special equipment

- 12" cooling station with aluminum rollers in the tunnel exit
- Special cooling blower at tunnel exit
- Plug-in connection for supply power and signal exchange to upstream machine
- Special paint finish, single-color structural paint

### Machine dimensions

(Approximately in inches. This drawing may show options which are not included in the basic machine version and are available at upcharge only.)

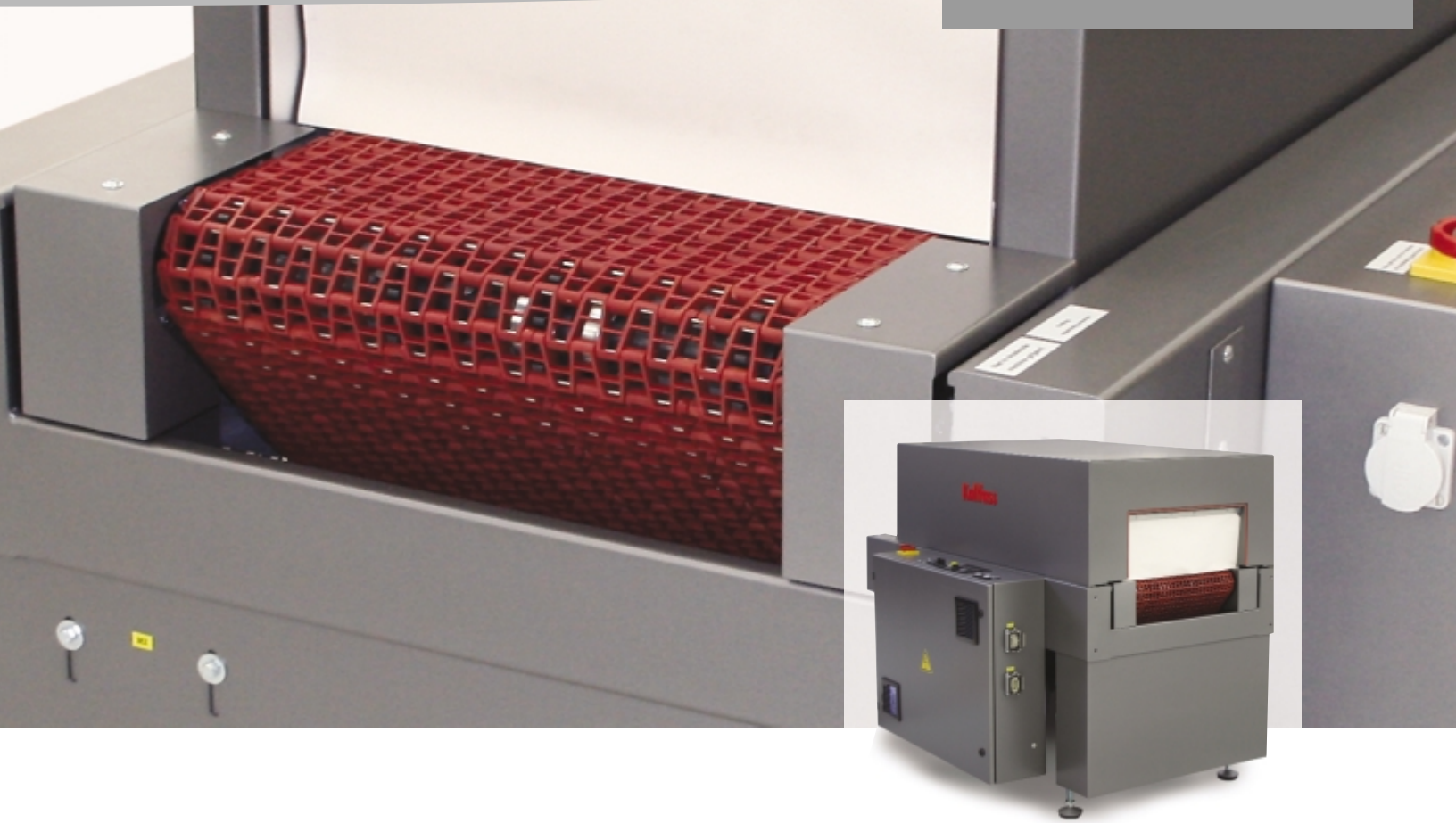


COMP450650SO 0308 Technical alterations reserved



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## Energy-saving shrink tunnel

# COMPACT 450 SO COMPACT 650 SO

The COMPACT SO Tunnels are extremely compact, robust, energy-saving tunnels for rates up to approximately 100 cycles per minute.

These tunnels are ideally suited for combination with semi or fully automatic wrappers such as the UNIVERSA 400. The COMPACT SO Tunnels are designed to produce consistently high quality presentation packs, using polyolefin film.

This shrink quality is ideal for products at the point of sale, giving both protection and visual interest to confectionery boxes, software, game boxes, stationery, candles in trays, and numerous other applications, including collated and unsupported packs.

The two-stage, switchable heaters save energy and allow flexibility of use. Variable heating capacity means that the tunnel can run at a lower consumption level, when the product and speed

requirement allows. The patented ring nozzle heating system with convection style air flow ensures a uniform flow of hot air with even transmission onto the film, preventing blowouts or clouding. The tunnel blower output is adjustable to perfectly match the product and film being used.

The result is film packaging meeting the highest demands, with minimal energy consumption.

**Kalfass**  
Packaging Machinery