652 CAGE WASHER

- Washes 50% to 100% more cages in 4-minute cycles
- Separate wash and rinse circuits reduce water, energy and detergent use
- External access filters enable inspection and removal of debris
- Interlocking insulated doors create a true air-tight barrier reducing noise and heat-loss



"This machine is saving us at least 40% of our previous cage wash operation time"

WASHING

a TECNIPLAST company

1/Introduction

IWT is pleased to announce a major advancement in cabinet washer technology. The compact, energy efficient 650 series cabinet washer delivers throughput rates normally associated with continuous process washers commanding significantly larger footprints. Our designers and engineers have packed the 650 series with many innovations to give you a single, unique and flexible package.

2/Versatile & Powerful Spray Pattern

Twelve oscillating arms and 132 jets deliver over a ton of water per minute at 2-bar pressure in an innovative 100° spray pattern for full and constant load coverage. The 650 series features a tall chamber combined with powerful, thorough coverage that is also suitable for washing large items, such as rabbit and guinea pig cages, without having to dismantle and remove the intermediate washing kit as required by the two-level cabinet washers.

3/Higher Capacity + Shorter Cycles

The 650 Series' inclined sliding presentation basket enables the highest cage wash density on a single, ergonomic loading level. Now you can wash and rinse up to twenty Type II long cages in a single 4-minute cycle! The 650 series actually increases washing capacity without the unsafe, hard-to-reach second level and without a huge, energy-hungry chamber that typically takes up precious floor space!

4/Separate Circuits = Greater Energy Conservation

The 650 series uses separate circuits (tanks, pipes and jets) for wash and rinse, maintaining the integrity of the final rinse cycle and re-circulating the used hot water for the next wash phase. Using just 1 litre of water per cage wash, and 0.15% detergent consumption-the 650 series cabinet washer is proud to take its place among the most environmentally friendly in the industry.

5/Touch-to-Program Interface

It's simple and easy to access the power and versatility of the 650 series with its user-friendly interactive touch screen. One button programs, or selects cycles for different load types (with or without password protection). It's just as simple to activate either the automated self cleaning cycle or the automated morning fill-up and self-heating function.

6/User-Centric Ergonomics

Ergonomics is a top priority at IWT so the external draw-out filter is both easy to inspect and quick cleaning. The split-door has friction-free plastic pads to ensure easy opening and convenient insertion of even heavy-duty loads.

7/Your safety is our 1st priority

An extraction fan effectively reduces users' exposure to potentially dangerous vapor, condensate and chemical residues when opening the door. A unique roll-out service module reduces the 650 series' overall footprint while simplifying and improving safety during maintenance.

WASHING

650 Cabinet Washer

Introduction **1**



Versatile & Powerful Spray Pattern **2**





Higher Capacity + Shorter Cycles 3



Separate Circuits = Greater Energy Conservation 4



Touch-to-Program Interface 5



TECHNICAL SHEET

Specifications and Dimensions

650 Series Cabinet Washer*				
Code**	Doors	Heating	Overall Dimensions (L x W x H) - mm/inch	Useful Dimensions (L x W x H) - mm/inch
9LAVR651	1 or 2	Electric	1920 x 1050 x 2306 76" x 42" x 90"3/4	1350 x 900 x 740 53"1/4 x 35"1/2 x 29"1/4
9LAVV651	1 or 2	Steam	1920 x 1050 x 2283 76" x 42" x 90"	1350 x 900 x 740 53"1/4 x 35"1/2 x 29"1/4

* Available also in a dismountable version
(largest part measures 1694 x 1100 x 880 mm / 67" x 44" x 35" inch)
** For double-door pass-through configuration Code ends with 2 instead of 1.

- Electrical supply: 400V 50Hz Three-phase + N + E
- Steam supply: 3/4" gas
- Water: 3/4" gas
- Compressed air: 1/2" gas

Note:
1) Custom models are also available. Please consult your representative for further details from the factory.
2) Mechanical information, detailed service requirements and installation drawings are available on request.

Figures round to the nearest whole number (outer dimensions) and nearest eighth (usable).

User-Centric Ergonomics 6





Your safety is our 1st priority 7



Options

- Additional dosing pump for neutralisation (9LAVPD01).
- Additional dosing pump for chemical disinfection (9LAVPD02).
- Additional dosing pump for acid and alkaline cycles alternatively (9LAVPD03).
- Board mounted printer for data registration (9LAST801).
- Washing pump 7.5kW (upgraded for rabbit cage applications) (9LAV65WP).
- On-board compact air compressor (when compressed air supply not available) (9LAV65AC).
- Full thermal and acoustic chamber insulation (9LAV65IC).
- Roll-out service module (9LAV65EB).
- S/s angle trim (2 sides and top) on the 650 clean front of the barrier separation (9LAV65SF).
- Real View™ purpose hardware and software set-up to remote cycle data, inclusive of the self-diagnostic package (9VIEW265).

Accessories

- S/s wire kit for type II long (or equivalent) cages, vertical presentation (AC65001).
- S/s wire kit for type III & IV (or equivalent) cages, vertical presentation (AC65002).
- S/s wire kit for rabbit or GP cages, inclined presentation (AC65003).
- S/s wire kit for IVC Sealsafe filter tops, vertical presentation (AC65WFT).
- S/s tubular trolley to load/unload/store above kits (AC65TTR).

Related Products

To maximise operational efficiency and learn more about these products contact your local representative.



The 400 series cabinet washer. The compact and inexpensive solution for small animal facilities or start-up operations washing cages, bottles and similar items.



Modular integrated bottle wash and fill equipment supports high throughput processing and staging of bottles and caps across the full range of automation.



Logistic trolleys offer safety and ergonomic features that enable high load-density for moving cages and bottles, crates, pallets and covers.

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To find your local distributor, please visit www.tecniplast.it

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W-DP032/ING - Rev. 04/10