

BASKET CONVEYOR DISHWASHERS

Efficiency, productivity and speed equals great results

Angelo Po presents its range of basket conveyor dishwashers: excellent performance, quality materials and high-level construction solutions to meet the most challenging needs of the catering industry.

The basket conveyor dishwashers are made of AISI 304 stainless steel with a double wall spaced by a 10 mm air gap which ensures less thermal and acoustic dispersion in the environment, maximizes the effectiveness of the installed power and optimizes water and detergent consumption.

The range consists of single and triple rinse models, with corner versions, completed with straight or corner drying modules, steam extraction, heat recovery units as well as a wide choice of sorting tables and roller conveyors (straight or curved) to create efficient washing boxes that meet the customer's needs.



TE SERIES

BASKET CONVEYOR DISHWASHER



Spaced double wall:
-60% thermal dispersion



Control panel with
soft-touch keys and LED
display



Double flow washing
pump: 25% more
effective



Flexibility: from 60 to
320 baskets / h, for
various objects



Reduced operating costs:
starting from 0.8 liters
of water per basket and
optimized installed power

TE

For great results

- Control panel with LED display, soft-touch keys and electronic board
- Construction in stainless steel with double wall spaced by a gap of 10 mm
- Insulated and counterbalanced double-skinned doors for each module
- Fully pressed tanks made of AISI 304 stainless steel
- Integral filters in AISI 304 stainless steel on the tanks
- Useful height of entry / exit: 45 cm
- Useful width of entry / exit: 54 cm
- Stainless steel washing arms with 12 nozzles each
- Double flow washing pump, efficient consumption and silent
- Rinse pump and break tank to ensure constant performance and reduce water consumption (except TE120-TE210 models)
- **Optimization of energy consumption:**
 - during stand-by periods, unnecessary electrical connections are switched off; the machine resumes the washing program when the basket is inserted
 - the electricity consumption adapts to the dragging speed of the baskets

- rinsing stops when no basket is present, avoiding water, energy and cleaning product waste
- water consumption is variable according to the basket speed

- Models with triple rinse: the water from the final rinse is partly used for the pre-rinse and partly for a rinse in the washing area
- Model TE120D / S: reversible on site
- Basket dragging system with double side rail guide, central area of the basket completely free for the water flow
- Accessories: basket stopper microswitch, in-line or corner drying unit, steam suction unit, heat recovery unit, heat pump, as well as tables and roller conveyors to make a complete washing box.

Optimum washing results, the long life of all components and minimal consumption of detergents and surfactants are ensured if the dishwashers are fed with hot water with hardness of 2-8°F and pressure of 200-400 kPa.



TE160D

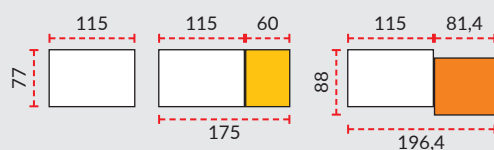


TE2703AS

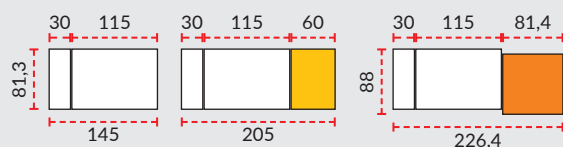
TE SERIES CONFIGURATIONS

Pre-wash Corner pre-wash Drying unit (accessory) Corner drying unit (accessory)

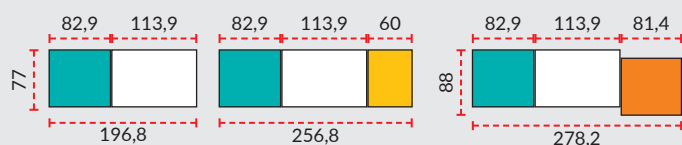
TE120...



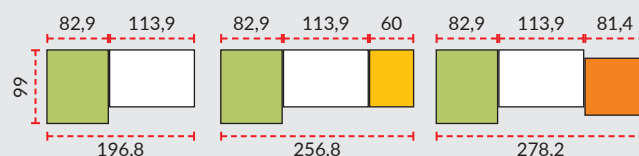
TE160...



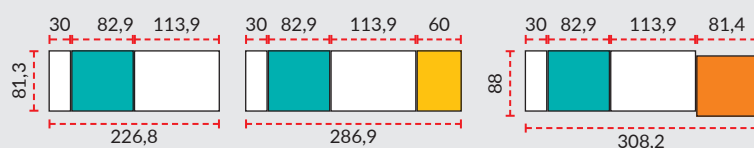
TE210...



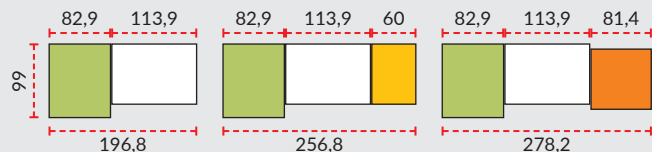
TE210A...



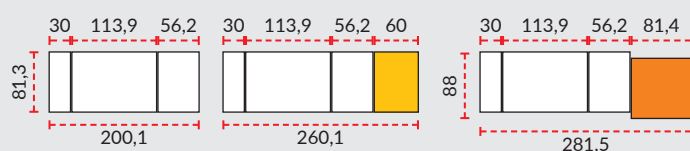
TE270...



TE270A...



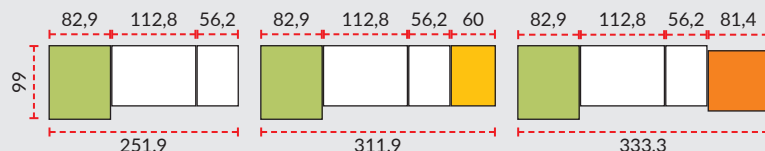
TE2003...



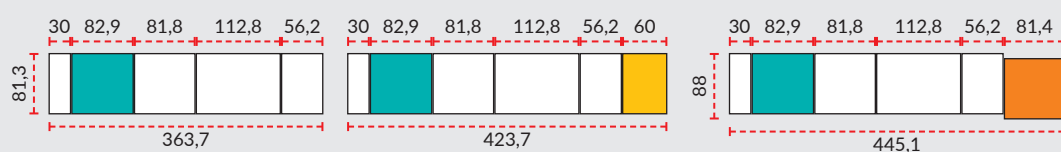
TE2703...



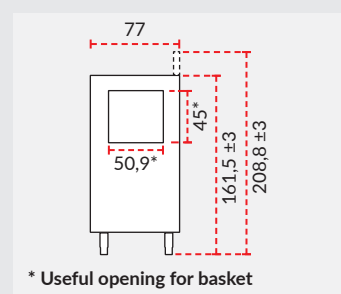
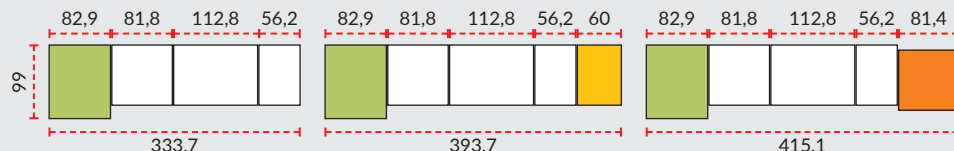
TE2703A...



TE3203...



TE3203A...



TE SERIES CONTROL PANEL

- The SOFT-TOUCH keys with LED display can also be used with gloves on.
- On / off button.
- Tank and boiler temperature display / adjustment.
- Set temperature reached light.
- Washing program start button.
- Tank filling light.
- Basket feed speed selection.
- Stopper micro switch light.



TECHNICAL INFORMATION

		SINGLE RINSE				TRIPLE RINSE		
		TE120...	TE210...	TE160...	TE270...	TE2003...	TE2703...	TE3203...
Productivity	1st speed	120	210	160	270	200	270	320
	2nd speed	60	110	120	200	150	200	250
	3rd speed			60	135	95	140	160
	4th speed			80	110	95	140	160
Water consumption during rinsing	1st speed	150	300	220	320	160	220	320
	2nd speed	150	300	170	240	130	160	250
	3rd speed			170	240	130	160	250
	4th speed			220	320	160	220	320
Water consumption during rinsing	1st speed	1,3	1,4	1,4	1,2	0,8	0,8	1
	2nd speed	2,5	2,7	1,4	1,2	0,9	0,8	1
	3rd speed			2,8	2,2	1,4	1,1	1,5
	4th speed			2,7	2,5	1,7	1,6	2
Absorption	with hot water	22	30	23,2	30,2	21	25	38
	with hot water + RCTE recovery unit	24,7	37,7	26,9	37,9	25,1	28,6	47,1
	with cold water + RCTE3 recovery unit					23,6	27,1	45,6
	with cold water	28,5	45	32,7	45,2	29	34,4	52,4

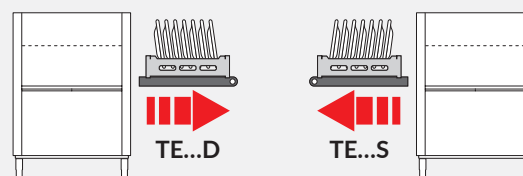
TE SERIES

TECHNICAL INFORMATION

		SINGLE RINSE				TRIPLE RINSE		
		TE120...	TE210...	TE160...	TE270...	TE2003...	TE2703...	TE3203...
Phases	Pre-wash		•		•		•	•
	1st wash	•	•	•	•	•	•	•
	2nd wash							•
	Rinse	•	•	•	•	•	•	•
Pre-wash	Tank capacity lt		70		70		70	70
	Pump power kW		1,5		1,5		1,5	1,5
1st wash	Tank capacity lt	70	70	70	70	70	70	70
	Electrical resistance kW	10,5	10,5	10,5	10,5	10,5	10,5	10,5
	Pump power kW	1,5	1,5	1,5	1,5	1,5	1,5	1,5
	Water temperature							
	1st speed	60	60	63	63	63	63	63
	2nd speed	60	60	60	60	60	60	60
	3rd speed				63	63	63	63
2nd wash	4th speed				60	60	60	60
	Tank capacity lt							70
	Electrical resistance kW							10,5
	Pump power kW							1,5
	Water temperature							
	1st speed							63
	2nd speed							60
Rinse	3rd speed							63
	4th speed							60
	Boiler capacity lt	17	17	17	17	17	17	17
	Pump power kW			0,2	0,2	0,2	0,2	0,2
	Water temperature							
	1st speed	82	82	82	82	82	82	82
	2nd speed	82	82	82	82	82	82	82
	3rd speed				82	82	82	82
	4th speed				65	65	65	65

Baskets supplied

	 Ø24 50x50 cm	 50x50 cm	
TE...	1 x KEBPIN	1 x KEBFLA17	1 x CPP



TE...D: basket forward, from left to right
TE...S: basket forward, from right to left