

DATA SHEET

baratta

Baratta PIAR-500EE Indirect Electric 490 litre Jacketed Boiling Pan with Auto Tank Tilt and Lid Lift

453105050

Build

- Heavy-duty robust construction built entirely from heavy gauge AISI 304 / 316 stainless steel and designed for intensive industrial use.
- Constructed with the highest quality materials and components, ensuring longevity, ease of maintenance, and adherence to the highest hygiene standards for cleaning and sanitization
- Designed and constructed with best-in-class insulation layers that minimize heat loss, optimize energy efficiency, and enhance cooking yield
- Heavy duty 490 litre Jacketed Tank constructed entirely from heavy-gauge AISI 316 / 304 stainless steel.
- Thick-Rayed AISI 316 / 304 stainless steel bottom base enhances thermal efficiency and stability, ensuring optimal heat distribution and durability during intensive use.
- AISI 304 heavy-gauge stainless steel lid is completely motorised lid and includes two-hand safety controls
- Electric tank tilting mechanism powered by a robust gear motor, enabling effortless emptying of the tank.
- Indirect electric heating system powered by 48.5 kW armored heating elements heats the water in the jacketed wall cavity, generating steam for even heat distribution while minimizing food sticking, ensuring perfect cooking results.
- Water jacket equipped with a safety pressure relief valve and manometer for monitoring pressure levels, with a pressure gauge set to 0.45 bar, ensuring optimal operation and safety
- Electronic thermostat control offers 7 levels of adjustable power, easily managed through the electronic control pad, ensuring precise cooking for optimal product results
- Safety thermostat ensures added protection during operation.
- Safety lamp alerts operators if any electrical phase issues occur ensuring enhanced safety.
- Durable electronic control panel with a microprocessor enables effortless temperature regulation across 7 levels and allows for easy tilting of the tank.
- Maximum and Minimum valves are fitted to regulate the level of distilled water within the water jacket. It is necessary to periodically check for the presence of distilled water for the correct functioning of the pot. An optional automatic water gap filling device is available upon request.
- Extensive range of options and accessories to meet the every possible application.
- Backed by over 50 years of industry experience, Baratta continually innovates to exceed standards for strength, functionality, and maintenance, affirming its leadership in high-quality kitchen solutions.



Technical specifications

External Size

External Width	1800mm
External Depth	1500mm
External Height	1400mm

Weight

Net weight	
package weight	

Technical Features

Tank Capacity	490 Lt
Tank Tilt Type	Automatic
Lid Lift Type	Automatic
Control Type	Electronic
Temperature	7 preset power levels

Connection requirements electric

Electrical connected loads	48.5 kw
Voltage	415/3+N/50
Plug Supplied	No

Connection requirements Water

Water Jacket Drain	1/2 " F
Cold Water Connection	1/2" M
Hot Water Connection	1/2" M

Build Inclusions

Water jacket air exhaust system (Model: SAI SKU: 456131170)	✓
Safety Valve Group including:	✓
-Water Jacket Water Connection	✓
-Depression Valve	✓
-Safety Valve	✓
- Manometer	✓

Warranty

2 Year Warranty	2 years parts and labour
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*Subject to a preventative maintenance plan

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Options

Leg Options

☐	Lockable Wheel Set	
	Model: KR-4	SKU: 456131030
☐	Adjustable Flanged Feet	
	Model: FFM	SKU: 456131015



Hand Shower

☐	Hand Shower External	
	Model: DES	SKU: 456131228



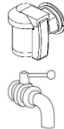
Drain Filter

☐	Drain Filter for tank ø 930 mm	
	Model: FS-930	SKU: 456131209



Drain Tap

☐	2" Drain Tap	
	Model: MDS-1	SKU: 456131245
☐	Washout Valve 2" DIN50 Connection	
	Model: DS2-50	SKU: 456131251



Temperature Probes

☐	Core Temperature Probe	
	Model: HP1	SKU: 456131240



Lid Options

☐	Insulated Cover Ø 900 mm	
	Model: CCI-90	SKU: 456130825



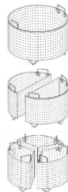
Jacket Options

☐	Automatic Water Loading Jacket	
	Model: CAI	SKU: 456131140
☐	Water jacket air exhaust system	
	Model: DSL-I	SKU: 456131150



Basket Options

☐	500Lt Single Sector Basket with ø 1.5 mm holes - Ø860 x 710	
	Model: PXI-500	SKU: 456130480
☐	500Lt Two Sector Basket with ø 1.5 mm holes- Ø860 x 710	
	Model: PXI2-500	SKU: 456130630
☐	500Lt Three Sector Basket with ø 1.5 mm holes - Ø860 x 710	
	Model: PXI3-500	SKU: 456130700
☐	500Lt Four Sector Basket with ø 1.5 mm holes- Ø860 x 710	
	Model: PXI4-500	SKU: 456130702

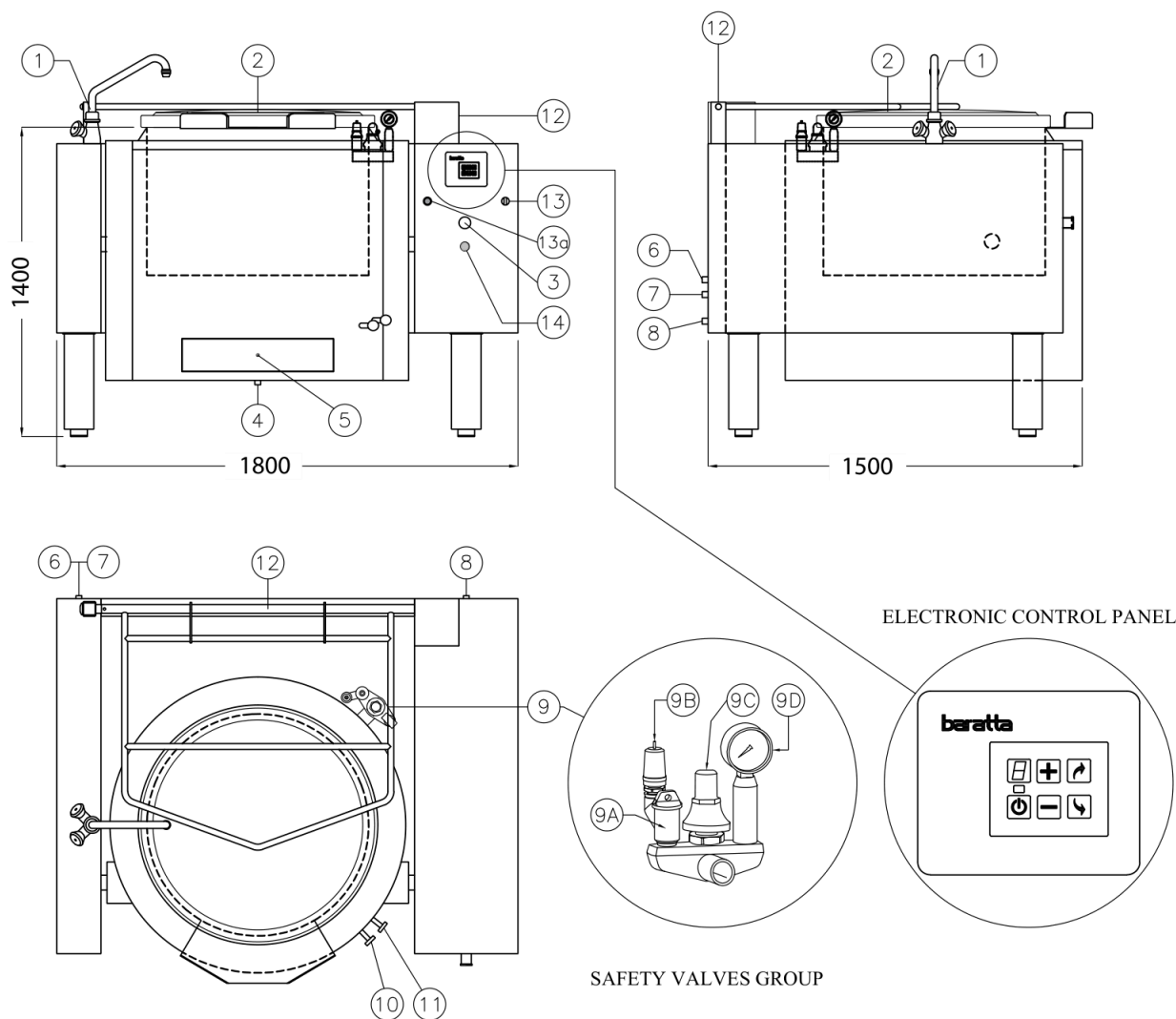


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1	Fillin tank valve
2	Lid
3	Eergency stop
4	Water jacket drain 1/2" F
5	Safety thermostat
6	Cold water connection 1/2" M
7	Hot water connection 1/2" M
8	Cord connector
9	Safety valve group
9A	Water jacket distilled water load

9B	Depression valve
9C	Safety valve
9D	Manometer
10	Water jacket minimum level tap
11	Water jacket maximum level tap
12	Opening lid system
13	Opening lid selector
13A	Button for lid opening
14	Phases control lamp