Proveno 300 litres

Advanced programmable kettle for all cooking and chilling

ELECTRIC MG4224612

Metos Cooking Solutions
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Standard features

- Proveno kettle with integrated mixer
- Tilting height 600 mm
- Stepless mixing speed 10-160 rpm/min, autoreverse
- Elevated control pillar with guiding 9" touch panel
- Audiovisual signals for user
- Multi-functional timer
- Programming on screen, unlimited number of programs and program phases, favourite pages
- Programs for basic foods and wash programs
- Mixing patterns and saving of your own patterns
- ProTemp – real time temperature control, food and jacket temperature separately controlled. Intelligent power setting from gentle warming to full power. Allows for example low temperature cooking, sous vide, proving and tempering.
- Delta T cooking – temperature of jacket rises accordingly when food temperature rises, temperature difference is determined.
- User privilege levels
- Safety grid lid
- Automatic measured food water filling
- Hydraulic tilting
- Tilting while mixing function
- Auto tilt-back
- Standard kettle includes choice of installation: free standing, surface or sub surface. Single or groups.
- USB Port on control panel for program updates, program transfers and HACCP data saving
- Teacher status for training
- On-screen graphical HACCP display and recording
- On-screen diagnostics for maintenance
- Energy and water consumption measuring by search date
- Automatic filling of the steam jacket
- Measuring stick

Materials

- Construction stainless steel
- Inner bowl constructed of acid proof stainless steel 316
- Protection class IPX5

Options & Accessories

- Alternative operating voltages
- High performance heating EH
- Welded and seamless cooking bowl cover plates with closed-cell polyurethane foam insulation
- Welded mixer axle tube for cold production
- Automatic cooling with tap water, icewater or combination
- Pressurised air drainage for cooling water
- Connection to external HACCP system
- Hand showers, Standard S1, Heavy Duty S2, Reel-In S3
- Draw off valves and taps
- Hot water connection for food
- Double water connection
- LAN connection for Ethernet RJ45
- Foot pedal for mixing when tilting
- Work light to kettle bowl
- Power socket
- Diagomix lid system
- GN swing
- Strainer plate
- Whipping grid
- Cleaning tool

Volumes

Proveno	Brut L	Net L	Spare volume L
300	333	300	33

Heat load

Proveno	Total kW	Sensible kW	Latent kW
300	48	9.6	1.9

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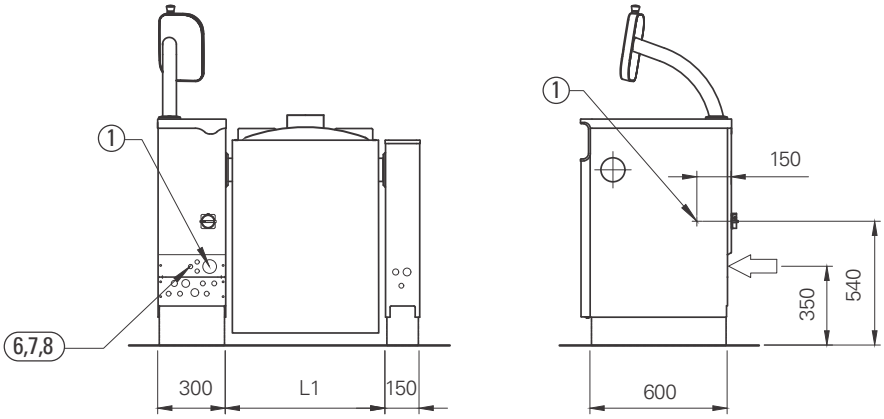
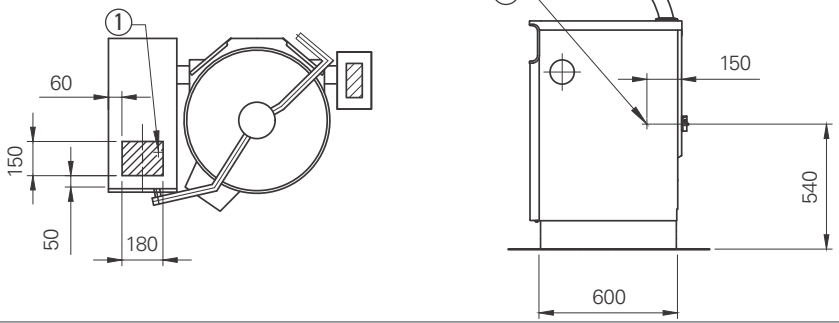
A. Electrical connections from rear

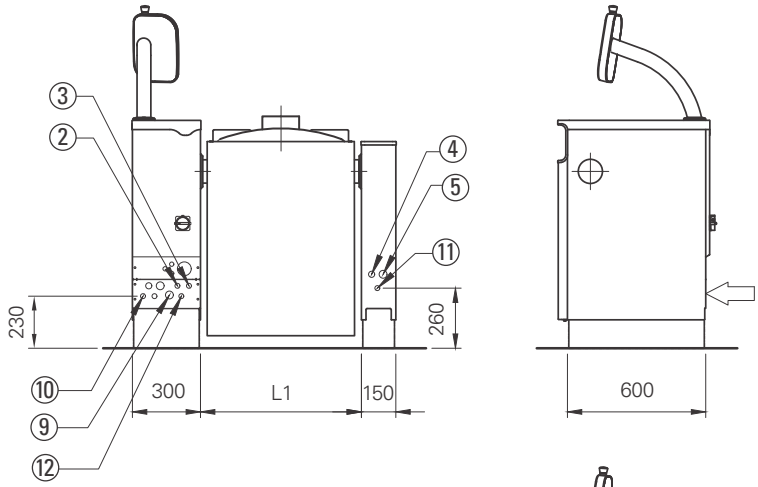


B. Electrical connections from below



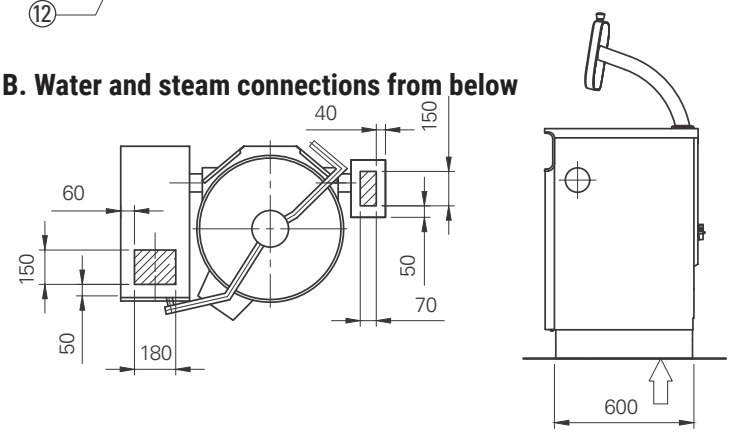
1. Electrical connection, PG21/PG36/PG48 gland
6. Ice bank cooling control cable (option)
7. HACCP cabling (option)
8. Power management system control cable (option)

A. Water and steam connections from rear



2. Cold water connection R1/2" (ø15), to be fitted with non-return valve and shut off valve
3. Hot water connection R1/2" (ø15), to be fitted with non-return valve and shut off valve (option)
4. Ice bank cooling inlet R3/4" max. pressure 3 bar, flow 90L/min. (option)
5. Ice bank cooling outlet R1" (option)
9. Steam connection R3/4" / R1" / R1 1/4"· (option)
10. Condensate outlet R1/2" / R3/4" (option)
11. Compressed air inlet R1/2" (option)
12. Twin water inlet R1/2"(option)

B. Water and steam connections from below



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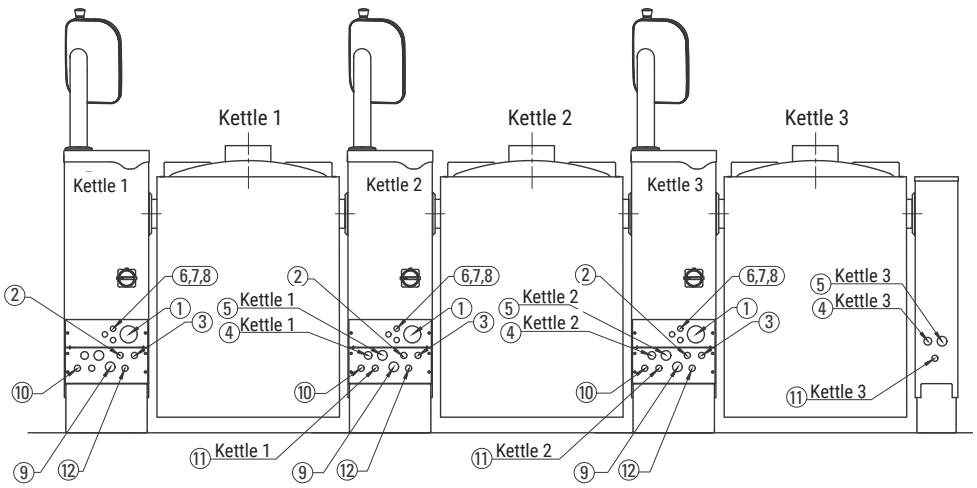
Electrical connections, electric heated kettles

Proveno	Connected power/kW	Current/ A	Fuse/3xA
300E	47.6	79	80
300EH	60.8	91	100

3NPE 400V 50Hz

Group installation connections



1. Electrical connection, PG21/PG36/PG48 gland
2. Cold water connection R1/2" (ø15), to be fitted with one way valve and shut off valve
3. Hot water connection R1/2" (ø15), to be fitted with one way valve and shut off valve (option)
4. Ice bank cooling inlet R3/4" max. pressure 3 bar, flow 90L/min. (option)
5. Ice bank cooling outlet R1" (option)
6. Ice bank cooling control cable (option)
7. HACCP cabling (option)
8. Power management system control cable (option)
9. Steam connection R3/4" / R1" / R1 1/4"- (option)
10. Condensate outlet R1/2" / R3/4" (option)
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12. Twin water inlet R1/2"(option)

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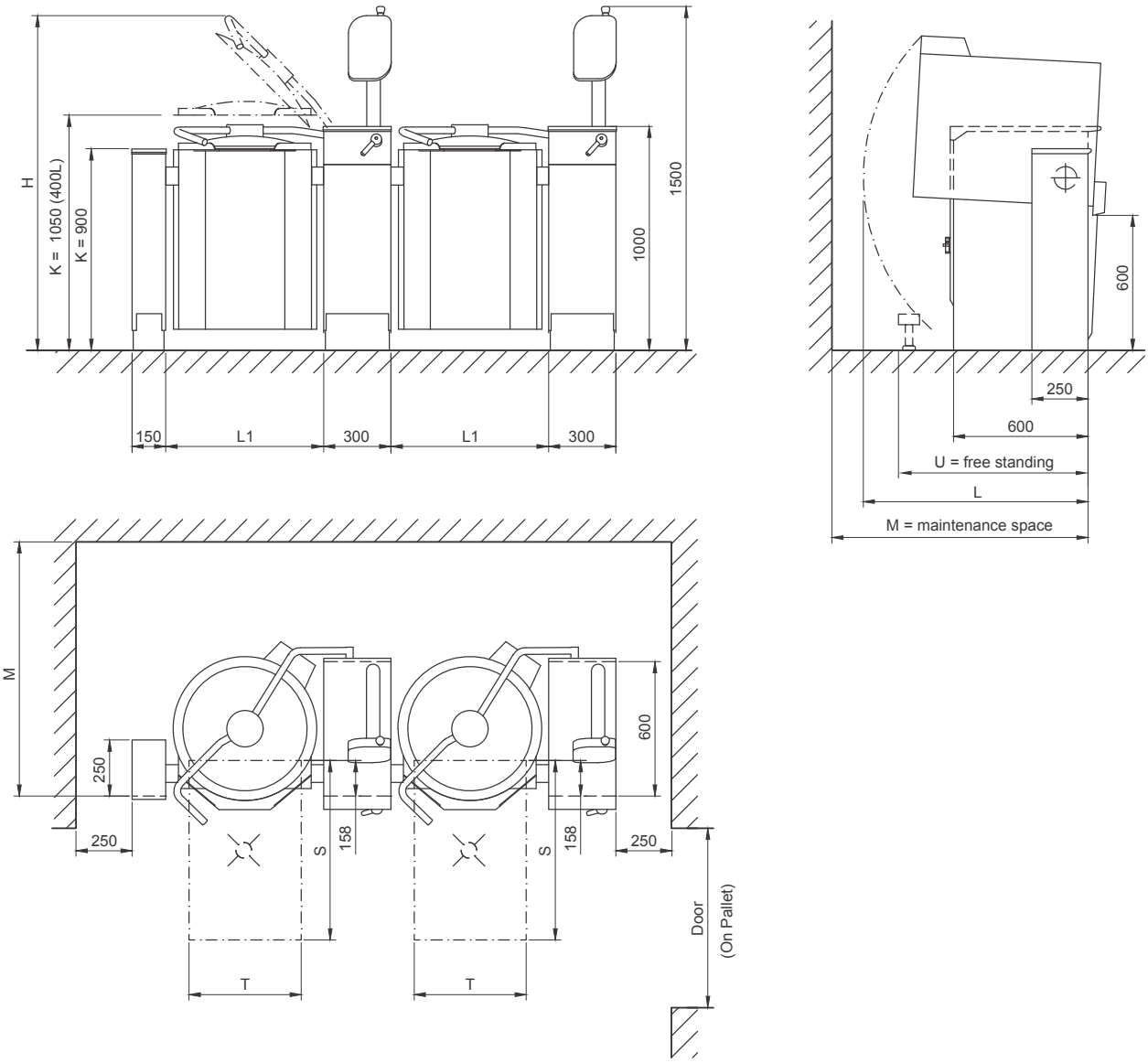
Dimensions



Proveno	L1 (mm)	H (mm)	K (mm)	L (mm)	M (mm)	S (mm)	T (mm)	U (mm)	Door (mm)	(On Pallet) Size varies according to installation frame	Weight (kg)
300	1110	2110	900	1280	1320	1000	600	1010	1200	(1300)	415

National and local regulations must be observed when installing the kettle.