Opti Stand AutoTemp 32

Technical data

10000035844-TDA-000-00

The appliance can be shown with some accessory on the photo.

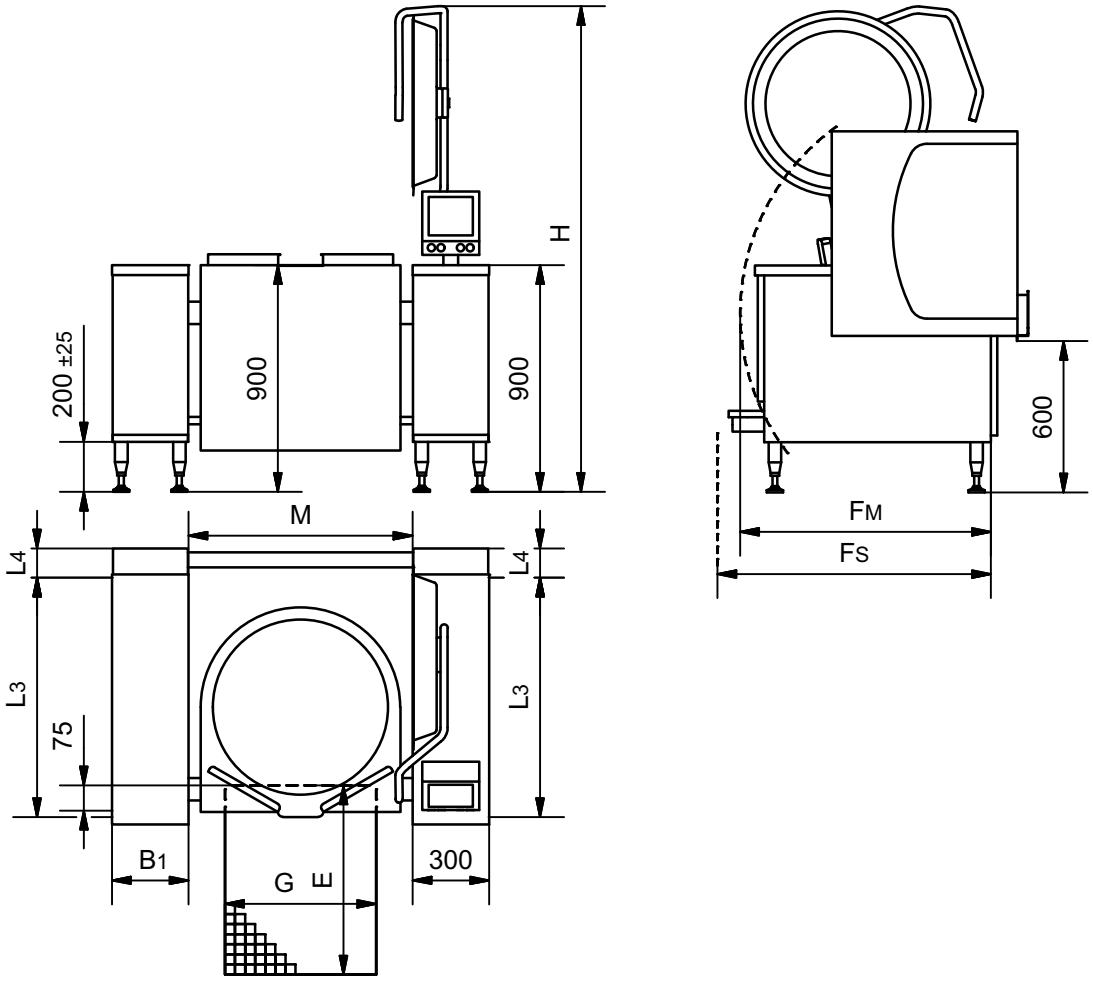
The control can be mounted either to the right or to the left of the kettle.

Opti Stand AutoTemp 32, OptiMix Stand AutoTemp 56 and OptiMix Stand AutoChef 86 can be combined.

Heating indirectly with 1 bar steam pressure and the maximum temperature of 120°C.
Steam from build in electrical steam generator.

250 L and 300 L kettles are not available for 3~230V.

Dimensions of the kettle and the mounting pillar



Size	L3 [mm]	L4 [mm]	Fm [mm]	Fs [mm]	H [mm]	M [mm]	G [mm]	E* [mm]
Opti Stand 40	750	90	860	1000	1710	646	400	600
Opti Stand 60	750	90	870	1000	1730	695	400	600
Opti Stand 80	750	140	930	1000	1790	725	500	800
Opti Stand 100	750	230	980	1000	1840	775	500	800
Opti Stand 120	750	315	1050	1050	1840	775	500	800
Opti Stand 150	950	140	1090	1200	1940	892	600	900
Opti Stand 200	950	230	1170	1200	2020	942	600	900
Opti Stand 250	950	315	1250	1250	2050	1040	600	900
Opti Stand 300	950	400	1330	1330	2130	1140	600	900

Fm is the shortest distance to enable tilting the kettle. Fs is the shortest distance to enable service.

Bigger distance is recommended in consideration of service and the risk of crushing. National/local regulations must always be observed.

If more kettles are connected, all kettles must have the same L3 and L4 as the biggest kettle.

*For kettles with butterfly valves or drain valves, the content can run behind the floor drain when tilting with open valve. This can occur e.g. when cleaning.
It is has to be considered to enlarge the drain cf. dimensions in the section 'Location of the drain valve'.*

Dimensions for the support pillars

Size	B1 [mm]	L3 [mm]
160 x 750 mm*	160	750
160 x 950 mm*	160	950
300 x 750 mm	300	750
300 x 950 mm	300	950

** 160mm wide pillars cannot be used as support between two kettles.*

Electric

In the users manual there is important information regarding supply and connections.

3~230V+PE, 50/60Hz

Size [l]	Power [kW]	Current consumption [A]	Time to boil 10-90°C [min]	Isc [kA] min/max
40	12	28/28/28	19	Max. 35A gG*
60	12	28/28/28	28	Max. 35A gG*
80	12	28/28/28	38	Max. 35A gG*
100	12	28/28/28	47	Max. 35A gG*
120	12	28/28/28	56	Max. 35A gG*
150	24	55/55/55	35	0,32/20
200	24	55/55/55	47	0,32/20

* largest allowed backup fuse.

3~400V+PE, 50/60Hz

Size [l]	Power [kW]	Current consumption [A]	Time to boil 10-90°C [min]	Isc [kA] min/max
40	15	22/22/22	15	Max. 35A gG*
60	15	22/22/22	23	Max. 35A gG*
80	15	22/22/22	30	Max. 35A gG*
100	20	29/29/29	28	Max. 35A gG*
120	20	29/29/29	34	Max. 35A gG*
150	30	43/43/43	28	0,25/10
200	30	43/43/43	38	0,25/10
250	45	65/65/65	31	0,25/10
300	45	65/65/65	38	0,25/10

* largest allowed backup fuse.

3~440V+PE, 50/60Hz

Size [l]	Power [kW]	Current consumption [A]	Time to boil 10-90°C [min]	Isc [kA] min/max
40	15	20/20/20	15	Max. 35A gG*
60	15	20/20/20	23	Max. 35A gG*
80	15	20/20/20	30	Max. 35A gG*
100	20	26/26/26	28	Max. 35A gG*
120	20	26/26/26	34	Max. 35A gG*
150	30	39/39/39	28	0,25/6
200	30	39/39/39	38	0,25/6
250	45	59/59/59	31	0,25/6
300	45	59/59/59	38	0,25/6

* largest allowed backup fuse.

Energy efficiency

The kettels have an energy efficiency of 95%, measured by the EFCEM's standard.

The measurements are made with 400V supply, voltage but depending on the actual supply voltage, accessory, size, ect. energy efficiency may differ slightly.

Water

In the users manual there is important information regarding supply and connections.

Water	Pressure [bar]	Amount [l/min]	Temperature [°C]
Cold	1,5-6	35	-
Hot	1,5-6	35	< 60

Hot water is only used when the kettle is equipped with a spray gun or the possibility to use hot water in the kettle.

Volume

Size [l]	Net [l]	Gross [l]	Diameter [mm]	Depth [mm]
40	40	48	452	337
60	60	70	501	397
80	80	91	531	455
100	100	113	581	475
120	120	133	581	552
150	150	169	700	494
200	200	222	750	561
250	250	278	850	556
300	300	334	950	545

Weight

Size	Transportation weight* [kg]	Weight in use** [kg]
Opti Stand 40 AutoTemp 32	285	348
Opti Stand 60 AutoTemp 32	298	387
Opti Stand 80 AutoTemp 32	317	430
Opti Stand 100 AutoTemp 32	335	474
Opti Stand 120 AutoTemp 32	347	508
Opti Stand 150 AutoTemp 32	447	660
Opti Stand 200 AutoTemp 32	478	750
Opti Stand 250 AutoTemp 32	536	882
Opti Stand 300 AutoTemp 32	575	997

* 'Transportation weight' includes a support pillar in the same dimensions as the control pillar. The weight is without water in the steam generator and without accessory.

** 'Weight in use' includes a support in the same dimensions as the control pillar, a completely with water filled steam generator and the kettle filled by water to the brim. The weight is without accessory.

Ventilation

3~230V+PE, 50/60Hz

Size [l]	Sensible [W]	Latent [W]	Steam [kg/h]
40	420	2400	3,6
60	420	2400	3,6
80	420	2400	3,6
100	420	2400	3,6
120	420	2400	3,6
150	840	4800	7,1
200	840	4800	7,1

3~400V+PE / 3~440V+PE, 50/60Hz

Size [l]	Sensible [W]	Latent [W]	Steam [kg/h]
40	525	3000	4,4
60	525	3000	4,4
80	525	3000	4,4
100	700	4000	5,9
120	700	4000	5,9
150	1050	6000	8,8
200	1050	6000	8,8
250	1575	9000	13,2
300	1575	9000	13,2

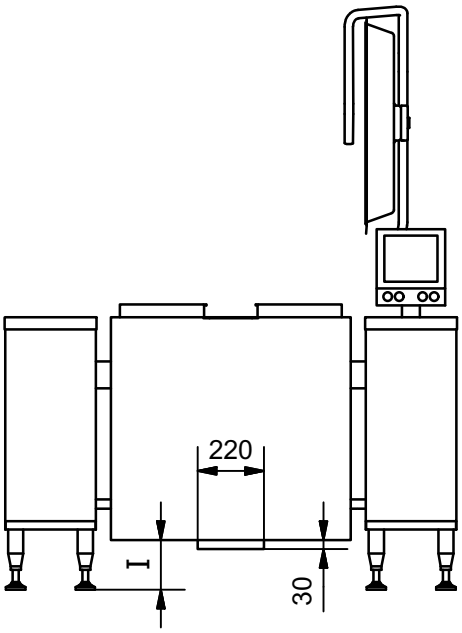
The data is based on the German standard VDI 2052 for dimensioning of ventilation facilities.

The values are based on experience with an average product and a normal usage, and the actual demand varies by the efficiency of the appliance, the control and the way of use.
The simultaneity factor, which can be found in VDI 2052 is not taken into account.

Noise

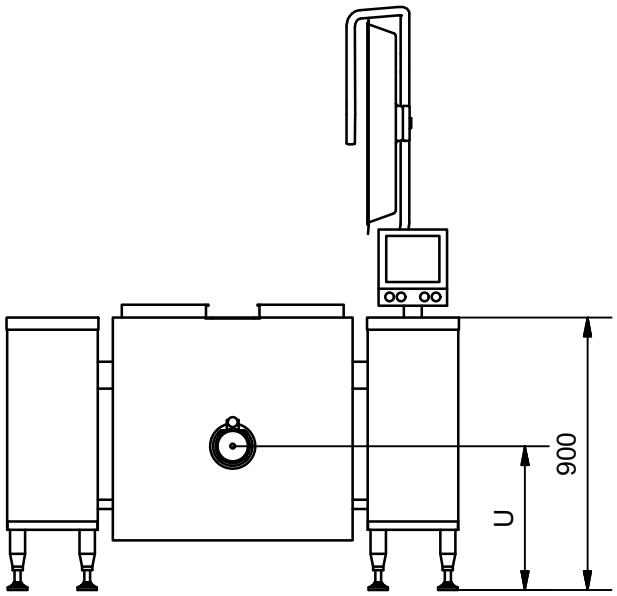
Noise from the machine < 60 dB(A).

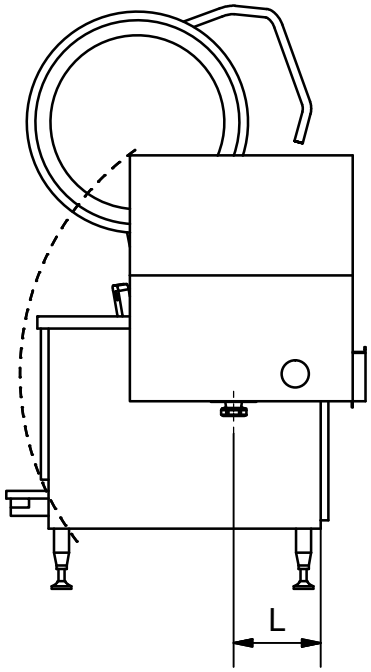
Distance under the kettle



Size [l]	l [mm]
40	330
60	270
80	210
100	190
120	115
150	160
200	95
250	100
300	110

Location of the drain valve





Size [l]	L [mm]	U [mm]
40	130	665
60	185	610
80	240	555
100	250	545
120	330	465
150	255	540
200	315	480
250	300	495
300	270	525

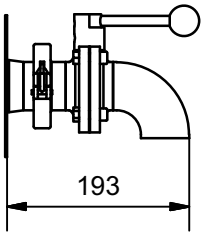
Additional equipment

Butterfly valve with drain downwards

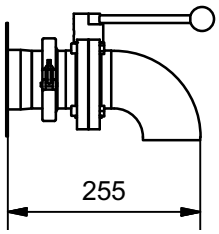
The unit can be dismounted e.g. when cleaning, and a plug to close the pipe when the valves is not mounted is attached.

The angle is welded to the valve, providing a shorter construction.

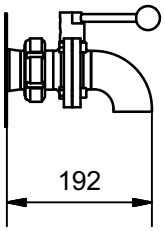
2" ISO Clamp



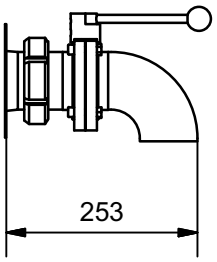
3" ISO Clamp



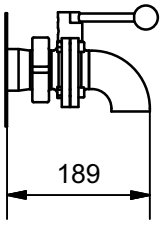
2" SMS



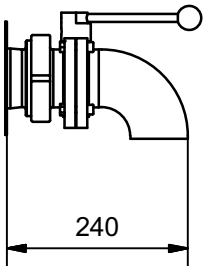
3" SMS



2" DS



3" DS

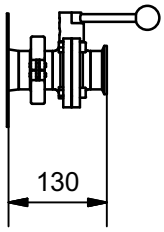


Butterfly valve with connection for a pump

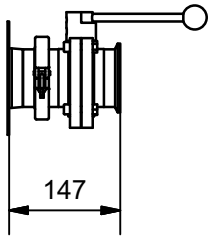
This valve is suitable for connecting a pump to the kettle.
If an angle (accessory) is mounted, the valve can also be used without a pump. e.g. when cleaning.

The unit can be dismounted e.g. when cleaning, and a plug to close the pipe when the valves is not mounted is attached.

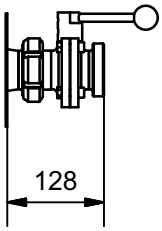
2" ISO Clamp



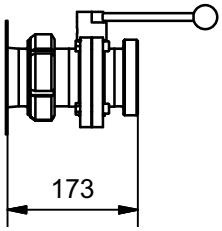
3" ISO Clamp



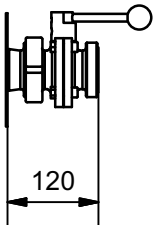
2" SMS



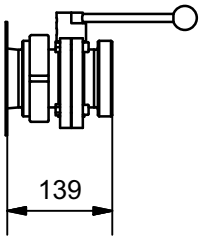
3" SMS



2" DS

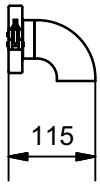


3" DS

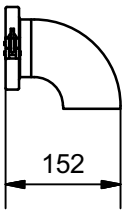


Angles for butterfly valve

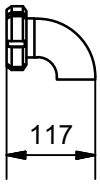
Loose angle for 2" ISO Clamp butterfly valve



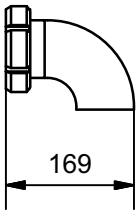
Loose angle for 3" ISO Clamp butterfly valve



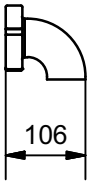
Loose angle for 2" SMS butterfly valve



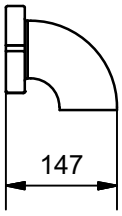
Loose angle for 3" SMS butterfly valve



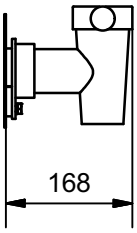
Loose angle for 2" DS butterfly valve



Loose angle for 3" DS butterfly valve

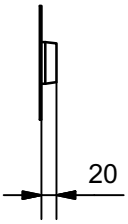


Drain tap, Echtermann type

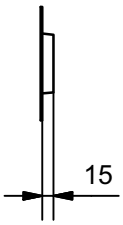


Outlet for customized solution

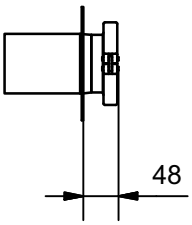
2" outlet



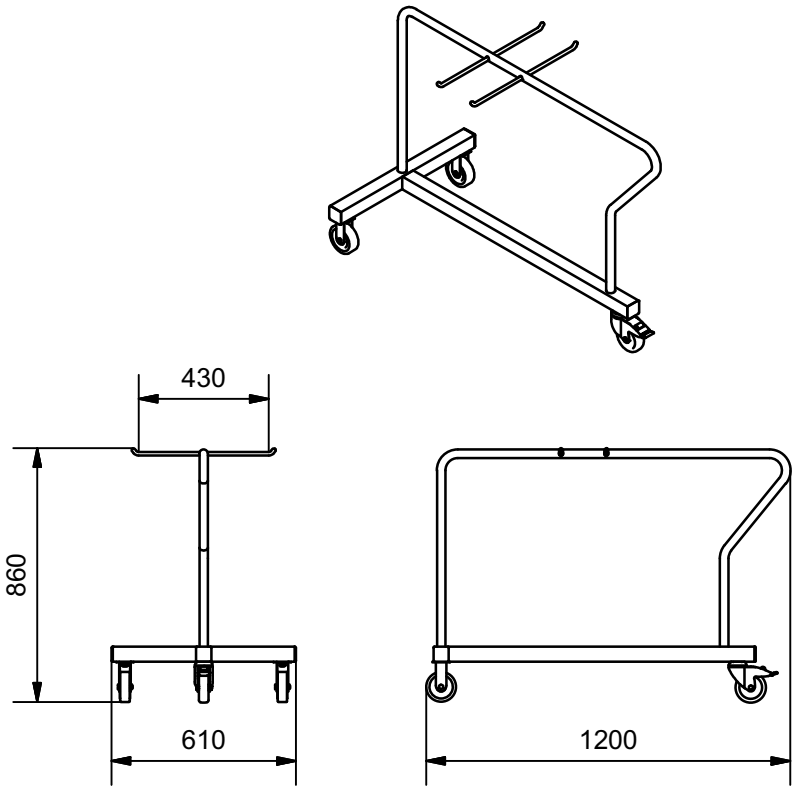
3" outlet



3" outlet with ISO Clamp



Trolley for accessory



Wall bracket for accessory