

Induction range IN 800

Technical data

10000046882-TDA-000-03



IN 800 is available with round Ø 270 mm induction coils with 5 kW (R) or 3.5 kW (RL) and square 260x260 mm induction coils with 5 kW (F)

All sizes can be delivered with standard or electric height adjustment or as a tabletop models.

Ranges with 2 zones can be delivered with control on the long side (SB).

Accessories

- Electric height adjustment (VARI)
- Tabletop model (TT)
- Double side operation (4 and 6 zones)
- Current limitation
- Sea rail
- Handrail
- Attachment to the floor
- Prepared for Power Management
- Signal to the extractor



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Technical data

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

Electric

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

Type	Zones 5kW	Zones 3,5kW	Power [kW]	Current con- sumption [A]	Leakage current [mA]	Backup fuse (max.) [A]
IN 802R/F	2	-	10	15/15/15	<30	16
IN 802RL	-	2	7	11/11/11	<30	16
IN 804R/F	4	-	20	31/31/31	<30	32
IN 804RL	-	4	14	21/21/21	<30	32
IN 804R/F max. 16A	4	-	10,4	16/16/16	<30	32
IN 804R/F max. 20A	4	-	13	20/20/20	<30	32
IN 804R/F max. 25A	4	-	16,3	25/25/25	<30	32
IN 806R/F	6	-	30	46/46/46	<60	63
IN 806RL	-	6	21	32/32/32	<60	63
IN 806R/F max. 25A	6	-	16,3	25/25/25	<60	63
IN 806R/F max. 32A	6	-	20,8	32/32/32	<60	63
IN 806R/F max. 40A	6	-	26,1	40/40/40	<60	63

The values apply to models with both round Ø 270mm coils (R and RL) and square, 260x260mm coils.

3~440V+PE, 50/60Hz

Type	Zones 5 kW	Power [kW]	Current con- sumption [A]	Leakage current [mA]	Backup fuse (max.) [A]
IN 802 RL - 3,5 kW	2	7	10/10/10	<30	16
IN 802R/F	2	10	14/14/14	<30	16
IN 804 RL - 3,5 kW	4	14	20/20/20	<30	32
IN 804R/F	4	20	28/28/28	<30	32
IN 806 RL - 3,5 kW	6	21	29/29/29	<60	63
IN 806R/F	6	30	42/42/42	<60	63

The values apply to models with both round Ø 270mm coils (R and RL) and square, 260x260mm coils.



Ventilation

3~400V and 3~440V

Type	Sensible [W]	Latent [W]	Steam [kg/h]
IN 802R/F	700	280	0,4
IN 802RL	490	196	0,3
IN 804R/F	1400	560	0,8
IN 804RL	980	392	0,6
IN 804R/F max 16A	728	291,2	0,4
IN 804R/F max 20A	910	364	0,5
IN 804R/F max 25A	1141	456,4	0,7
IN 806R/F	2100	840	1,2
IN 806RL	1470	588	0,9
IN 806R/F max. 25A	1141	456,4	0,7
IN 806R/F max. 32A	1456	582,4	0,9
IN 806R/F max. 40A	1827	730,8	1,1

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.

Ingress protection class

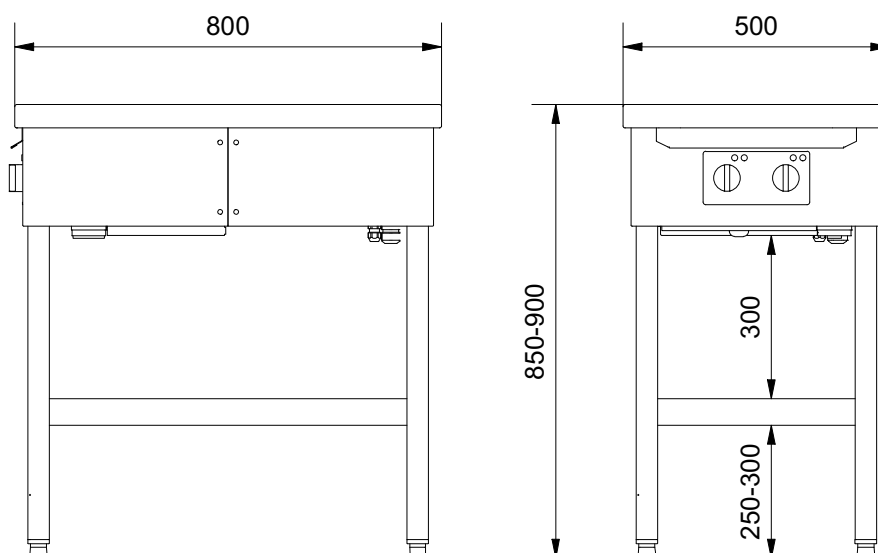
IPX5

Weight

Size	Weight [kg]
IN802	60
IN802 Vari	78
IN802 TT	50
IN804	85
IN804 Vari	103
IN804 TT	72
IN806	135
IN806 Vari	153
IN806 TT	119

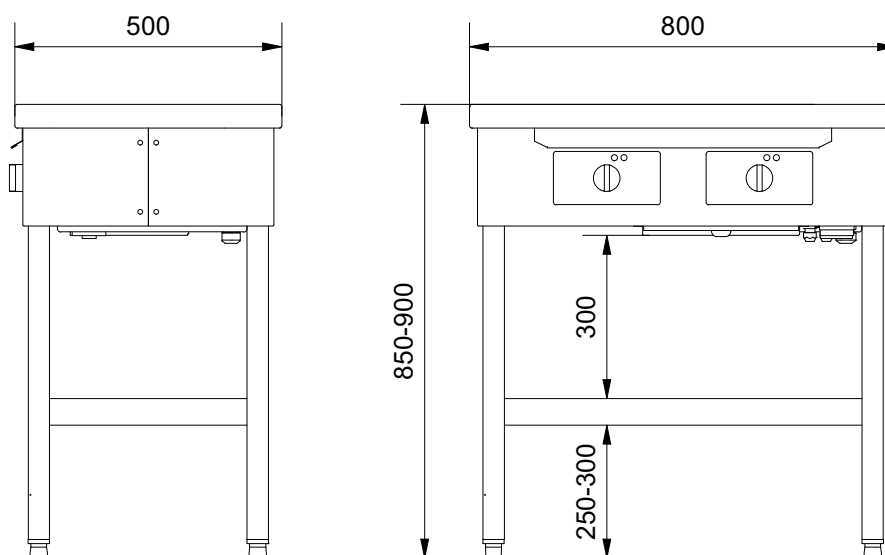
Dimensions of the product

IN 802



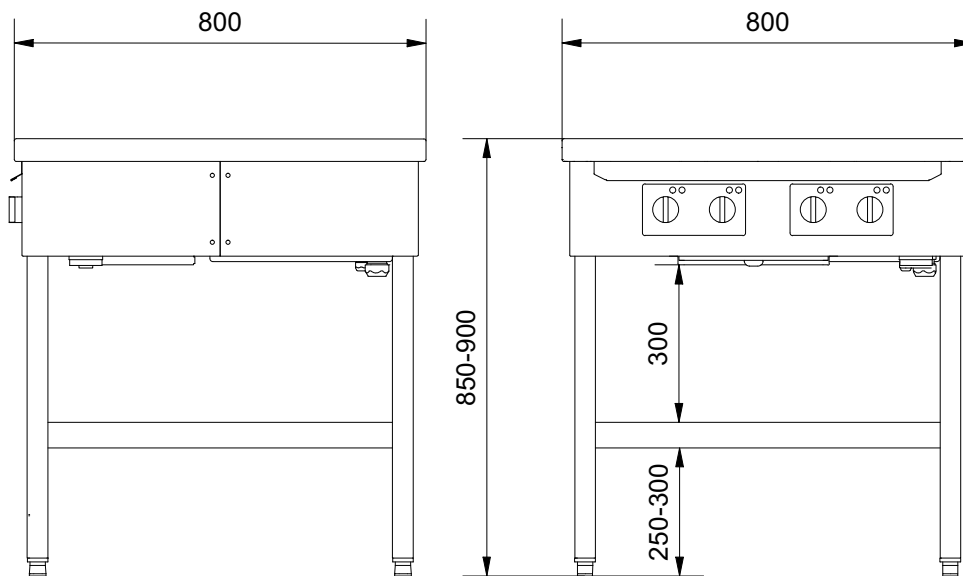
See under the paragraph 'Dimensions for installation' about requirements for space around the appliance.

IN 802 SB



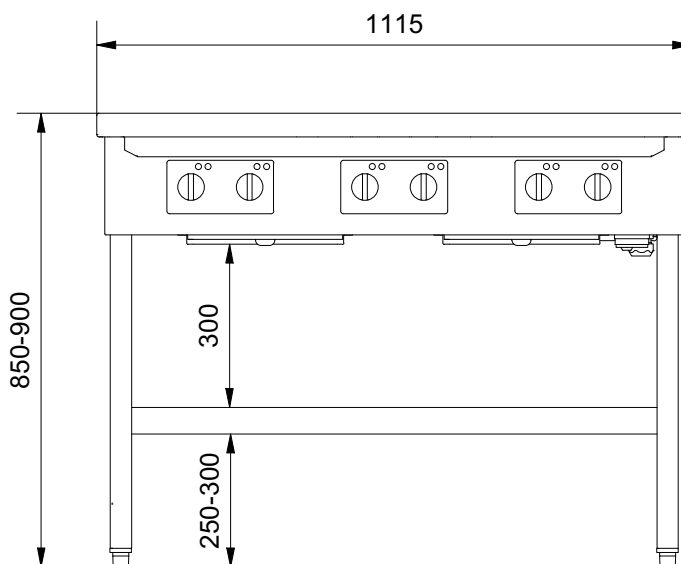
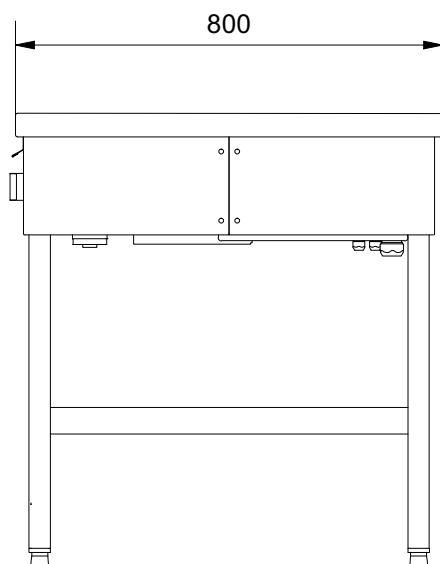
See under the paragraph 'Dimensions for installation' about requirements for space around the appliance.

IN 804



See under the paragraph 'Dimensions for installation' about requirements for space around the appliance.

IN 806



See under the paragraph 'Dimensions for installation' about requirements for space around the appliance.

Type of coils



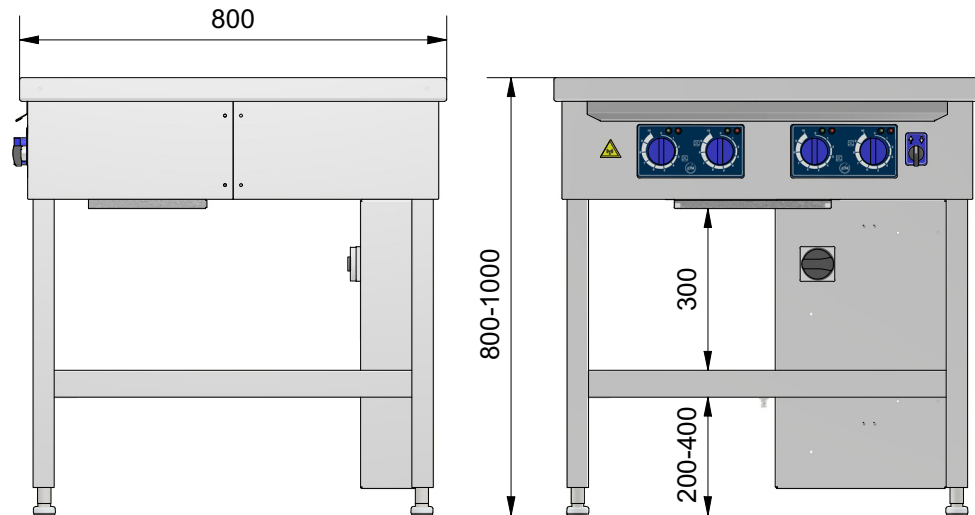
Square coils for IN 800F



Round coils for IN 800R and IN 800RL

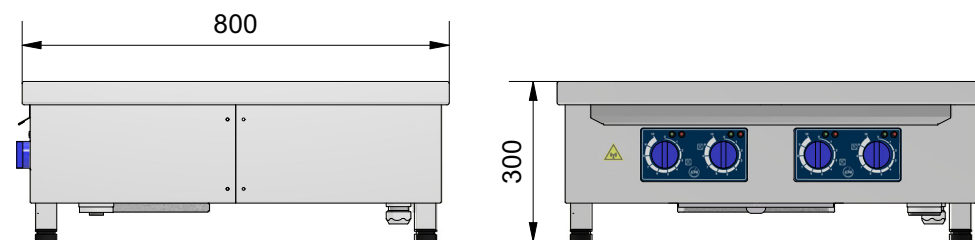
Additional equipment

Electric height adjustment (Vari)



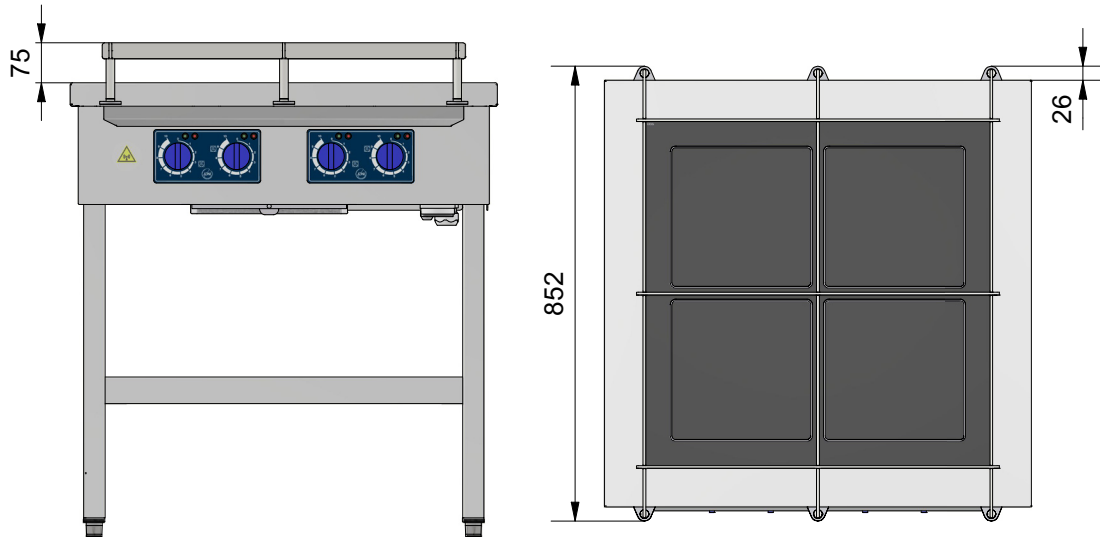
See under the paragraph 'Dimensions for installation' about requirements for space around the appliance.

Tabletop Model (TT)

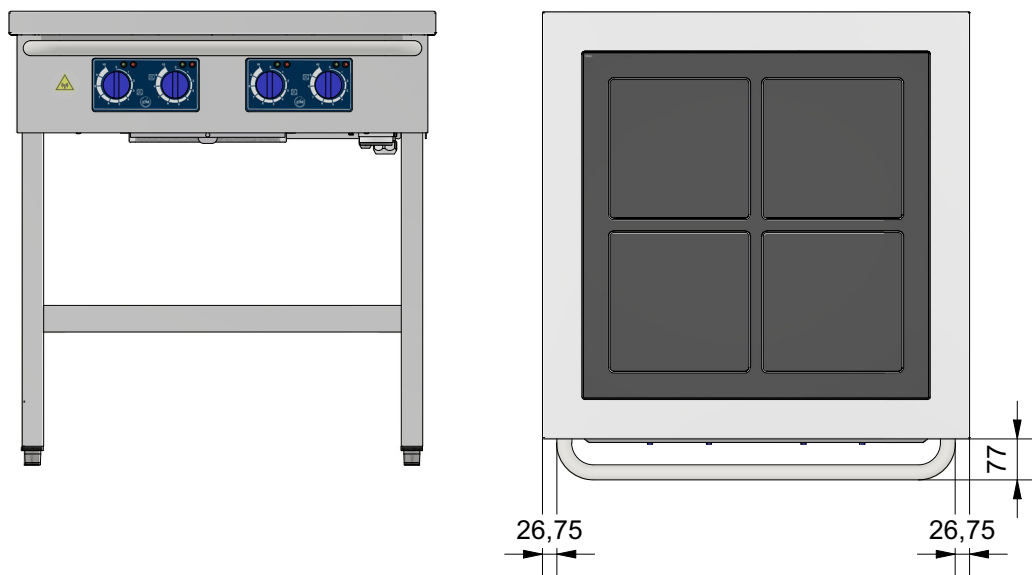


See under the paragraph 'Dimensions for installation' about requirements for space around the appliance.

Fiddles

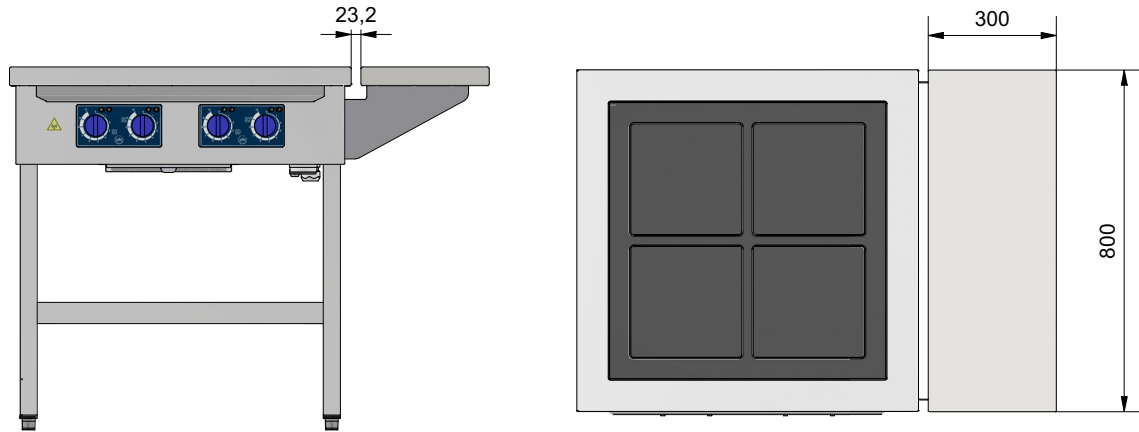


Hand rail



The accessory requires floor mounting and cannot be combined with electric height adjustment.

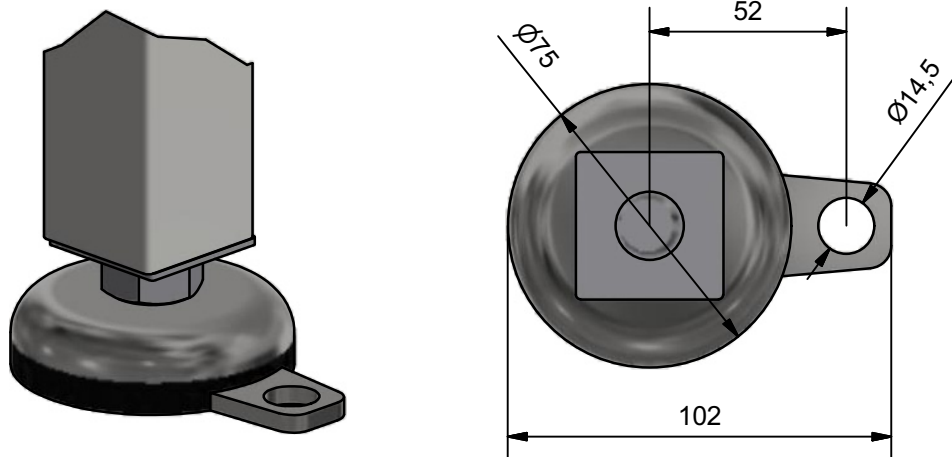
Side shelf



Side shelves can be mounted on the left, the right or both sides of the appliance.

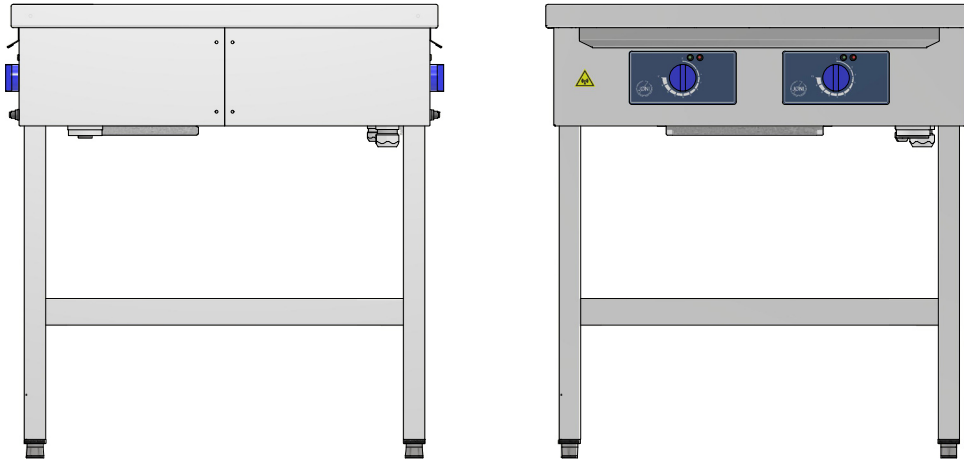
Ranges with two zones and side shelf must be fixed to the floor and cannot be equipped with electric height adjustment.

Fixing to the floor



Cannot be combined with electric height adjustment.

Double sided operation



Ranges with 4 or 6 zones can be supplied with control from two sides.
Where the knobs control the zones closest to them.

Power Management

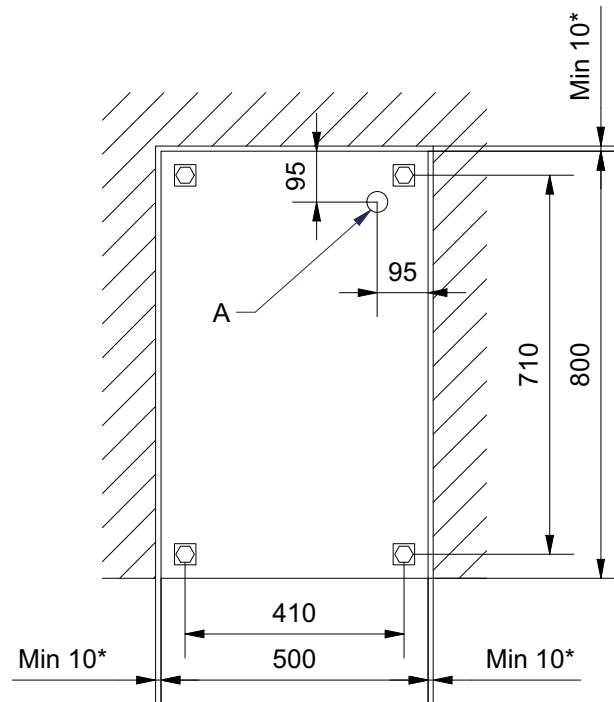
The range can be delivered with current limitation that follows DIN 18875.
For connection 1,5 mm² clamp terminals are placed inside the appliance.

Signal to the exhaust hood

The range can be purchased with a potential-free contact set for a signal to start the extractor. The signal must be a maximum of 230 VAC and 8 A.
For connection 1,5 mm² clamp terminals are placed inside the appliance.

Dimensions for installation

IN 802

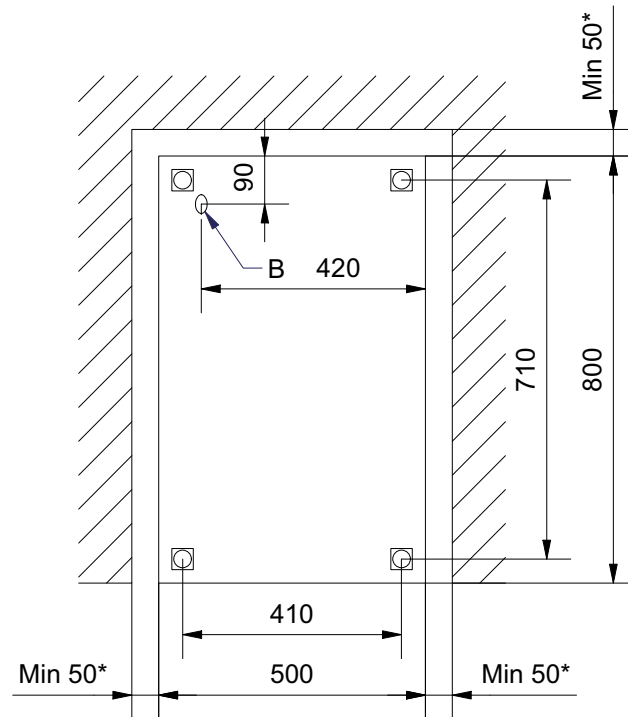


A: Minimum 1200mm electrical cable over the floor.

** Minimum 100mm when placed next to inflammable materials.*

For usage and service purposes a 850 mm minimum clearance in front of the range is required.

IN 802 Vari

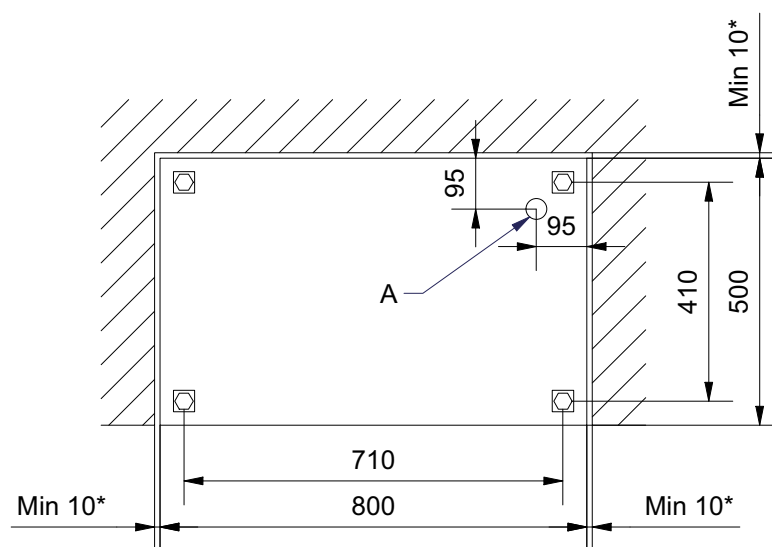


A: Minimum 850mm electrical cable over the floor.

* Minimum 100mm when placed next to inflammable materials.

For usage and service purposes a 850 mm minimum clearance in front of the range is required.

IN 802 SB

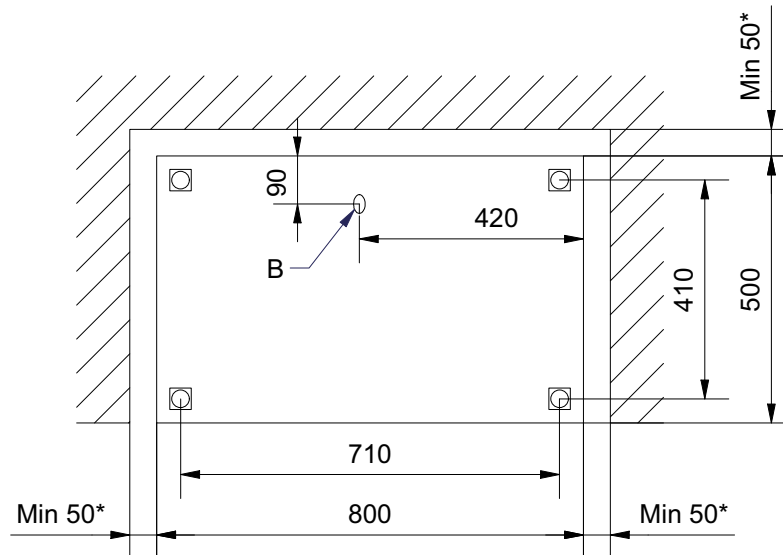


A: Minimum 1200mm electrical cable over the floor.

* Minimum 100mm when placed next to inflammable materials.

For usage and service purposes a 550 mm minimum clearance in front of the range is required.

IN 802 SB Vari

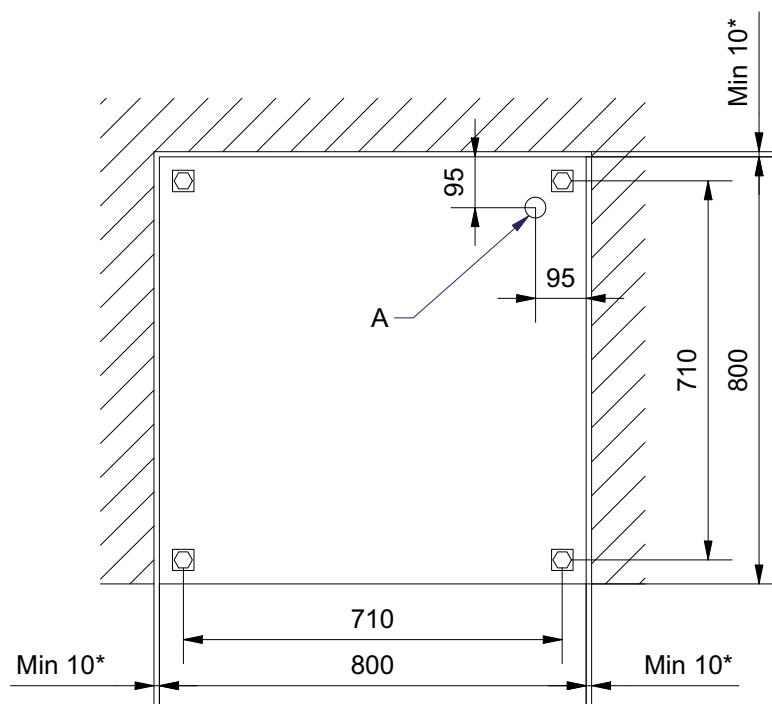


A: Minimum 850mm electrical cable over the floor.

* Minimum 100mm when placed next to inflammable materials.

For usage and service purposes a 550 mm minimum clearance in front of the range is required.

IN 804

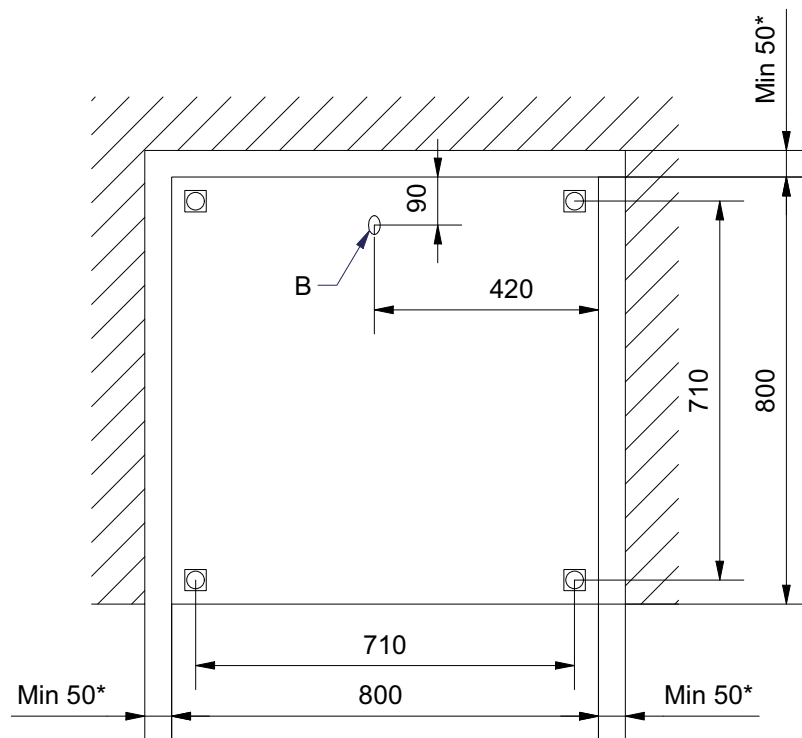


A: Minimum 1200mm electrical cable over the floor.

** Minimum 100mm when placed next to inflammable materials.*

For usage and service purposes a 850 mm minimum clearance in front of the range is required.

IN 804 Vari

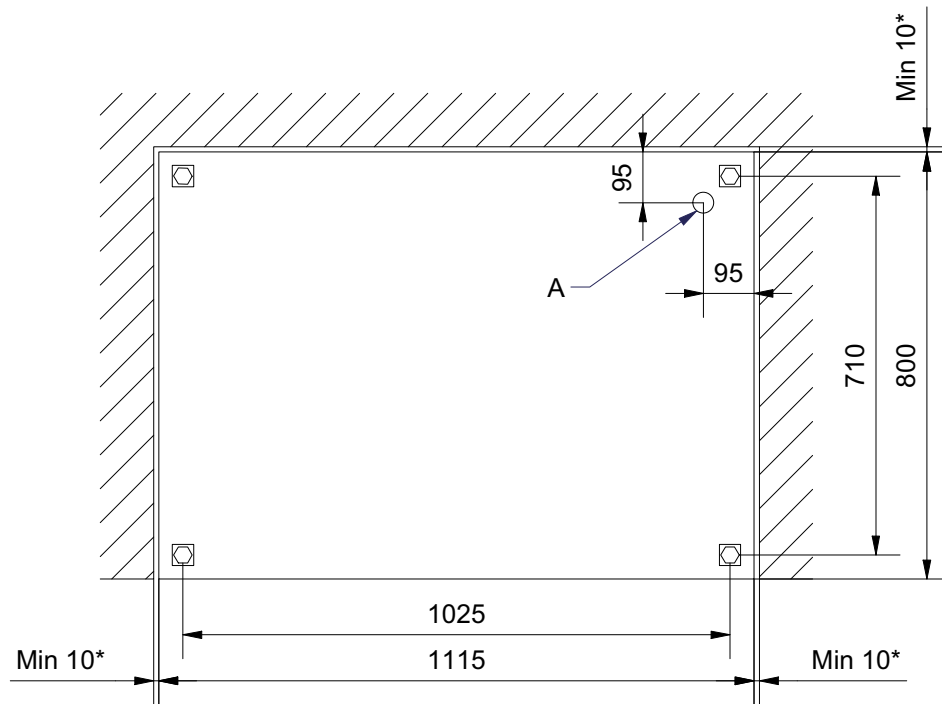


A: Minimum 850mm electrical cable over the floor.

** Minimum 100mm when placed next to inflammable materials.*

For usage and service purposes a 850 mm minimum clearance in front of the range is required.

IN 806

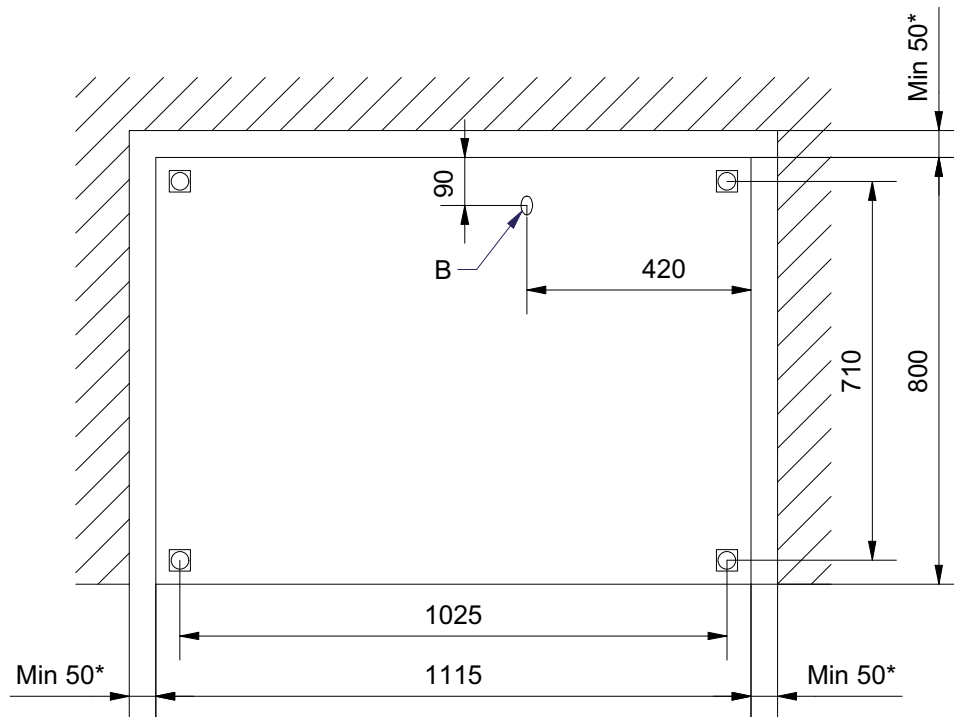


A: Minimum 1200mm electrical cable over the floor.

** Minimum 100mm when placed next to inflammable materials.*

For usage and service purposes a 850 mm minimum clearance in front of the range is required.

IN 806 Vari



A: Minimum 850mm electrical cable over the floor.

** Minimum 100mm when placed next to inflammable materials.*

For usage and service purposes a 850 mm minimum clearance in front of the range is required.