

CAESB



# Basic orientation about the GREASE TRAP

### Grease Trap Dimensions (Small, Simple, and Double)

Number of Residential Kitchens (UN)	Type	Round Grease Trap (em)		Square or Rectangular Grease Trap (em)		Diameter of Exit Pipe (mm)	Submerged Part of Septum (h) (cm)	Minimum Retention Volume (V) (liters)
		Useful Height (H)	Useful Diameter (D)	Useful Length (L)	Useful Width (B)			
01	CGP	30	30	25	25	75	20	18
Up to 02	CGS	30	40	35	35	75	20	31
3 to 12	CGD	45	60	55	55	100	35	120

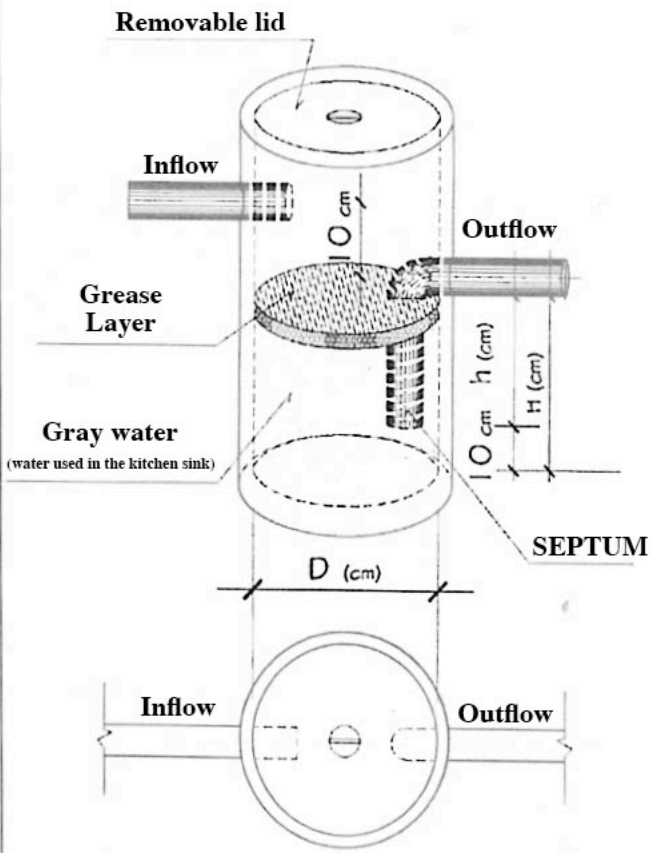
### Grease Trap Dimensions (Special)

More than 12 Kitchens: Restaurants, Schools, Hospitals, Barracks, etc.

Number of People Served by the Kitchen and who Contribute to the Grease Trap*	Type	Square or Rectangular Grease Trap (em)		Diameter of Exit Pipe (mm)	Submerged Part of Septum (h) (cm)	Minimum Retention Volume (V) (liters)
		Useful Length (L)	Useful Width (B)			
30	CGE	43	43	100	34	80
50	CGE	49	49	100	40	120
70	CGE	54	54	100	45	160
90	CGE	58	58	100	50	200
110	CGE	62	62	100	53	240
130	CGE	65	65	100	56	280
150	CGE	68	68	100	59	320
200	CGE	75	75	100	66	420
300	CGE	85	85	100	76	620
400	CGE	94	94	100	85	820

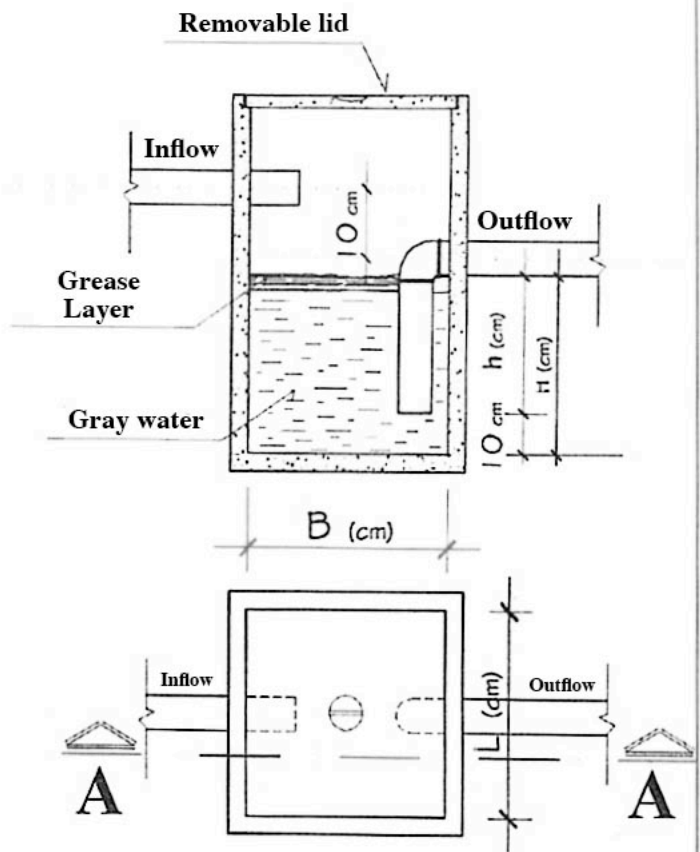
\*If more than 400 people are served by the kitchen the RETENTION VOLUME (V) can be found with the formula:  $V = 20 + N \times 2$   
Where: V = Retention Volume; N = Number of People.

### View of round box



Blue Print (Above View)

### Cross-section of Rectangular or Square Box



Blue Print (Above View)

## **Important observations:**

- Grease traps should be watertight (no leaks) and have a removeable lid;
- The traps should be installed or constructed in places that can be easily accessed and have good ventillation;
- The trap can be square, rectangular or circular;
- The traps can be PVC, CONCRETE or BRICK, as long as it meets the minimum retention requirements;
- All the models of grease traps should comply with the standard requirements (NBR 8160) sent out by ABNT -

## **ATTENTION**

### **Mandatory conditions for grease trap functionality:**

Minimum retention volume specified on the grease trap dimension tables;

Grease traps should be cleaned periodically;

Detritus and trapped grease should be packed into plastic bags and put in the garbage.

Realização:



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DISTRITO FEDERAL**

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