

Inercia Basic



Use:



Heat pump



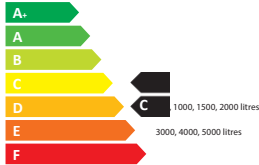
Other renewable energies



Solar thermal



Boiler



Advantages:

- Can be installed **inside the building**.
- Fitted with hooks** on top of the tank for ease of transport (3000 L, 4000 L and 5000 L).
- Designed for heating and refrigeration (up to 2500 L)*
- 3-year warranty** subject to the manufacturer's terms and conditions.

Models:

- Vertical 750 L to 5000 L.

Technical characteristics:

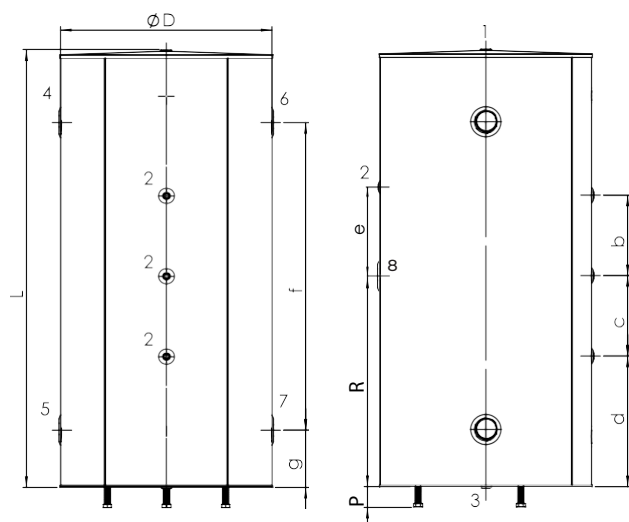
Model	INERCIA 750 BASIC INT	INERCIA 1000 BASIC INT	INERCIA 1500 BASIC INT	INERCIA 2000 BASIC INT	INERCIA 2500 BASIC INT	INERCIA 3000 BASIC INT	INERCIA 4000 BASIC INT	INERCIA 5000 BASIC INT
Code	2012085	2012086	2012087	2012088	2012089	2012049	2012050	2012051
Capacity [l]	743	1000	1500	2000	2500	3000	4000	5000
Tank max. pressure/temp.	6 bar / 95°C					5 bar / 95°C*		
Outer finish	Synthetic leather cover							
Insulation	Injected rigid polyurethane. Density: 42kg/m³					Flexible polyurethane. Density: 15kg/m³		
Insulation thickness [mm]	50	50	70	70	70	100	100	100
Diameter [mm]	950	950	1340	1340	1340	1600	1800	2000
Height [mm]	1463	1883	1512	2012	2462	2455	2543	2515
Weight when empty [kg]	124	151	184	289	394	374	546	626
Boiler material	Descaled ST37-2 carbon steel							

*3000, 4000 and 5000 litre models are not suitable for refrigeration

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Dimensions and connections

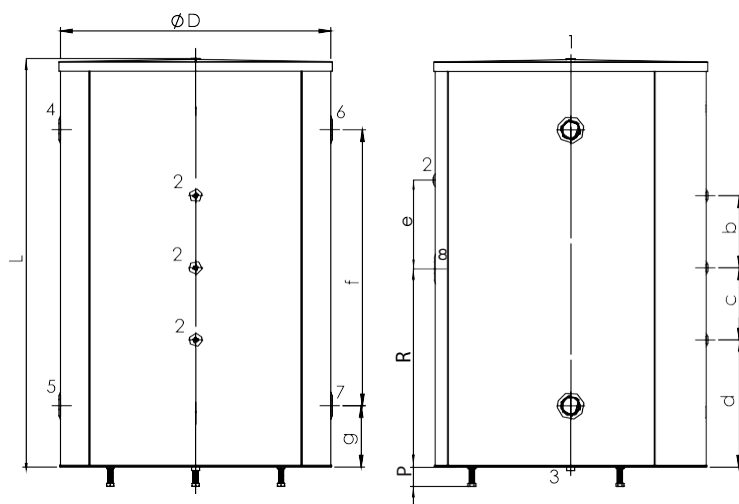
750 y 1000 litros



BUFFER TANK CIRCUIT

1. Tank purge
[1" F (750-1000), 2" F (1500-2500)]
2. Probe/Safety valve [1/2" F]
3. Drain [1" F]
4. Boiler return
[3" F]
5. Outlet to boiler
[3" F]
6. Heating outlet
[[3" F]
7. Heating return
[3" F]
8. Heating element [2" F]

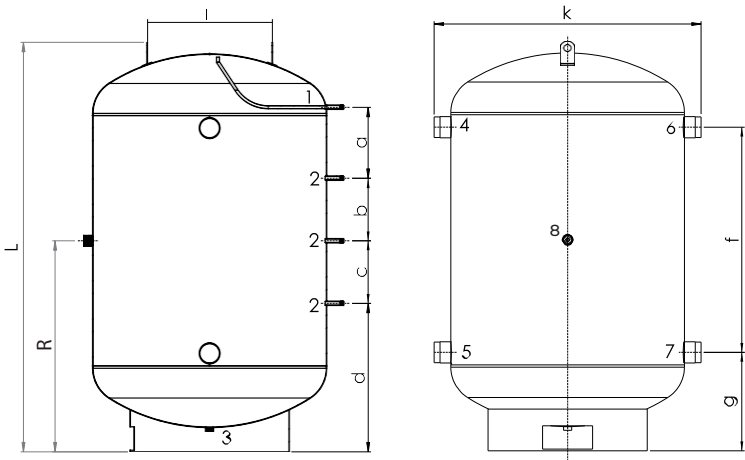
1500, 2000 and 2500 litres



Dimensions [mm]	INERCIA 750 BASIC INT	INERCIA 1000 BASIC INT	INERCIA 1500 BASIC INT	INERCIA 2000 BASIC INT	INERCIA 2500 BASIC INT
b	314	355	314	355	470
c	314	355	314	355	470
d	408	577	516	722	832
e	274	358	282	382	599
f	938	1358	858	1358	1781
g	253	253	398	398	398
P (feet)	65-150	65-150	65-150	65-150	65-150
R (heating element)	722	932	827	1077	1302
D (diameter)	950	950	1340	1340	1340
L (height)	1463	1883	1699	2199	2599

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3000, 4000 and 5000 litres



- BUFFER TANK CIRCUIT**
- 1. Tank purge [1/2" F]
 - 2. Probe/Safety valve [1/2" F]
 - 3. Drain [1 1/4" H]
 - 4. Boiler return [4" F]
 - 5. Outlet to boiler [4" F]
 - 6. Heating outlet [4" F]
 - 7. Heating return [4" F]
 - 8. Heating element [2" F]

Note: boiler shown without insulation or lining

Dimensions [mm]	INERCIA 3000 BASIC INT	INERCIA 4000 BASIC INT	INERCIA 5000 BASIC INT
a	425	425	395
b	375	375	345
c	375	375	385
d	890	915	920
e	496	534	528
f	1350	1350	1230
g	590	615	650
k	1600	1800	2000
l	743	743	743
P (feet)	-	-	-
R (heating element)	1265	1290	1265
D (diameter)	1400*	1600*	1800*
L (height)	2455	2543	2515

*dimension excluding insulation and lining