

# BUFFER TANK

## HEATING & COOLING



**BUFFER TANKS  
HEATING &  
COOLING,**  
ESPECIALLY  
SUITABLE FOR  
HEAT PUMPS



# BUFFER TANK HEATING & COOLING

ENERGIE.PT

## AISI444 STAINLESS STEEL CYLINDER

ENERGIE buffer tanks are cylinders in which energy is temporarily stored, in the form of hot and/or cold water, for installations with heating and/or cooling by heat pumps, thus enabling the energy efficiency of the installation/building to be improved.

ENERGIE buffer tanks, produced of stainless steel with high-density insulation coating. Are available in 30, 50, 100, 200 and 500 litre capacities.

 **PORTUGUESE MANUFACTURING**



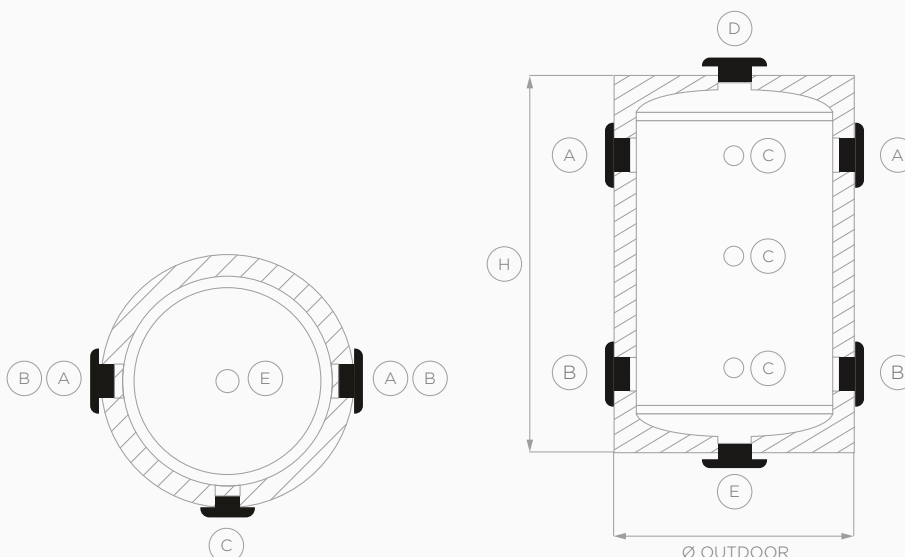
### BUFFER TANK HEATING & COOLING

- AISI 444 stainless steel cylinder with external insulation in rigid injected polyurethane (free of CFC and HCFC), with a minimum thickness of 35 to 60mm.
- Vertical or horizontal installation.
- High density insulation.
- Low heat losses.
- Corrosion resistant.
- Simple installation.



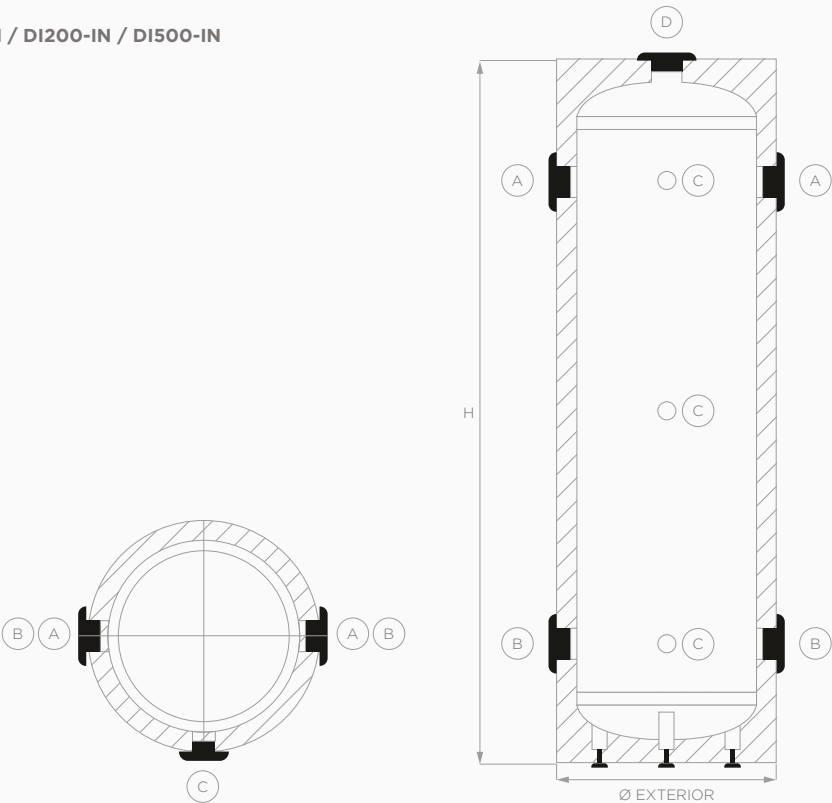
See warranty conditions

Equipment: **Buffer Tank DI30-IN**



TECHNICAL DATA		DI30-IN	DI50-IN	DI100-IN	DI200-IN	DI500-IN
Nominal capacity	l	30	50	100	200	500
Application		Wall	Wall	Wall	Vertical	Vertical
Max. operating pressure	bar	6	6	6	6	6
Max. temperature	°C	90	90	90	90	90
Insulation	mm	60	60	60	60	60
Thermal conduction insulation	W/m.k	0,025	0,025	0,025	0,025	0,025
Insulation density	kg/m3	45	45	45	45	45
Static losses	W	21	34	35	59	93
Energy Efficiency Class		A	A	A	B	C
Empty weight	Kg	10	27	33	52	89
H (height)	mm	595	650	1050	1300	1950
Ø (diameter)	mm	300	500	500	600	720
A, B (connections)		1"/F	1"1/4F	1"1/2F	1" 1/2F	2"F
C (probes)		1/2"F	1/2"F	1/2"F	1/2"F	1/2"F
D (top connection)		1"F	1" 1/4F	1" 1/4F	1" 1/4F	1"1/4F
E (outflow)		1"F	-	-	-	-

Equipment: **Buffer Tank DI50-N / DI100-IN / DI200-IN / DI500-IN**



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Project co-financed by:

**NORTE2020**  
PROGRAMA OPERACIONAL REGIONAL DO NORTE

**PORTUGAL**  
**2020**



Zona Industrial de Laúndos  
Lote 48, 4570-311 Laúndos  
Póvoa de Varzim, Portugal  
**EMAIL** [energie@energie.pt](mailto:energie@energie.pt)  
**SITE** [www.energie.pt](http://www.energie.pt)

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