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**FOR HEAT PUMP SYSTEMS**  
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# **BUFFER TYPE TANKS**

## **40–1000L**



## NEW TANKS SERIES BAC CHB & BLS CHB SPECIALLY DESIGNED FOR HEAT-COLD PUMPS

The new tanks BAC CHB & BLS CHB are Buffer type tanks and available in capacities from 40 to 500L. They are offered with internal ENAMEL protection for storage of Domestic Hot Water (DHW), but also without enameling to use as a Buffer Tank CC (closed circuit) for integration to the central heating system.

They are designed for heat-cold pump systems, with the option to be installed horizontally or vertically.



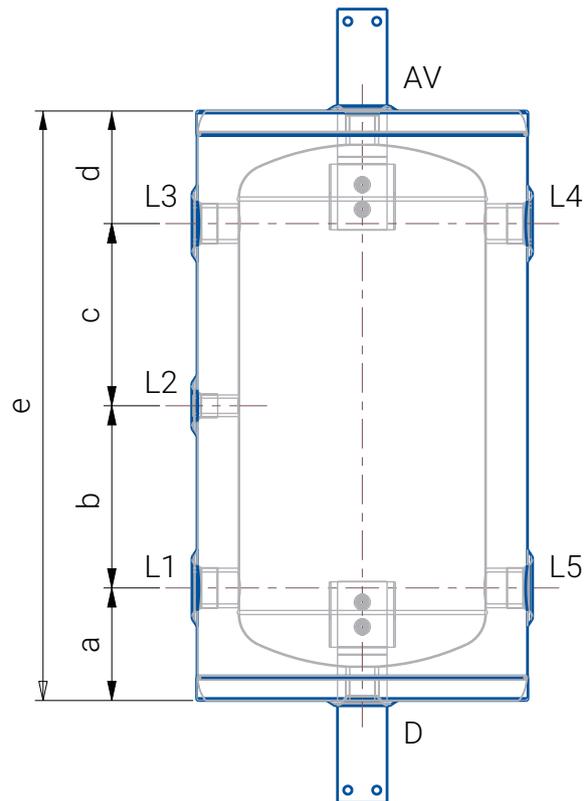
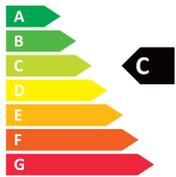
# BAC 40L CHB (non enameled)

## BLS 40L CHB (enameled)

Tanks from 40L to 100L can be both wall-mounted and floor-standing.

### Wall mounting method:

Suspension plate painted, 4mm thick.  
(It can only be mounted vertically).



Capacity	L	41
Maximum operating temperature	°C	95
Tank material		Cold rolled metal sheet 2mm (EN 10130)
Outer shell material		Pre-Painted (Ral 9006) galvanized metal sheet 0.5mm (EN 10346)
Insulation		Polyurethane Foam 48kg / m <sup>3</sup> (DIN 53420)
Maximum pressure	bar	6
Outer diameter	mm	Ø400
Inner diameter	mm	Ø300
a	mm	137.5
b	mm	222.5
c	mm	222.5
d	mm	137.5
e	mm	720
L1, L3, L4 & L5		G 1¼"
L2		G ½"
AV (air vent)		G 1"
D (drain) *		G 1"

\* Suitable to install heating element.  
Specification and design are subject to change without any notice.

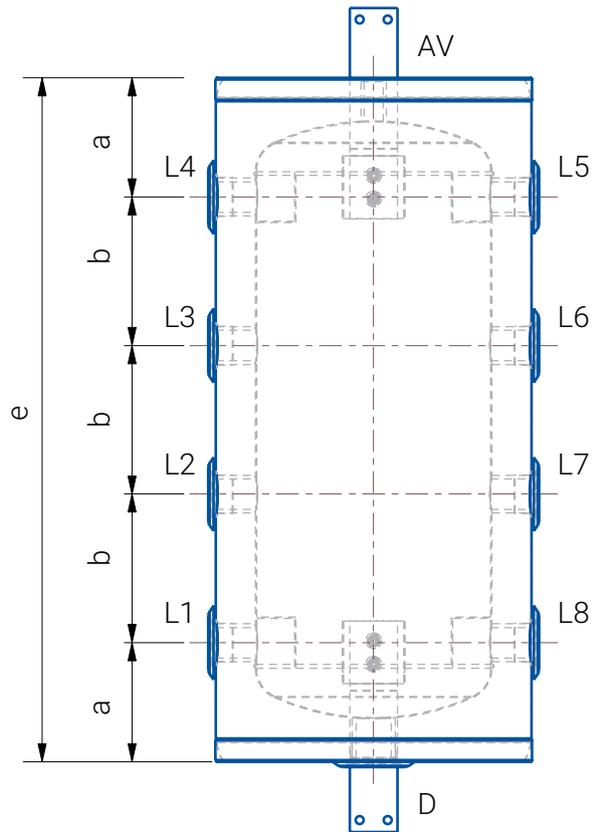
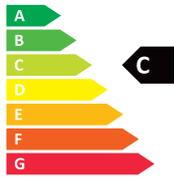
# BAC 60L CHB (non enameled)

## BLS 60L CHB (enameled)

Tanks from 40L to 100L can be both wall-mounted and floor-standing.

### Wall mounting method:

Suspension plate painted, 4mm thick.  
(It can only be mounted vertically).



Capacity	L	52
Maximum operating temperature	°C	95
Tank material		Cold rolled metal sheet 2mm (EN 10130)
Outer shell material		Pre-Painted (Ral 9006) galvanized metal sheet 0.5mm (EN10346)
Insulation		Polyurethane foam 48kg / m <sup>3</sup> (DIN 53420)
Maximum pressure	bar	6
Outer diameter	mm	Ø400
Inner diameter	mm	Ø300
a	mm	152.5
b	mm	190
e	mm	875
L1,L2, L3, L4,L5,L6,L7 & L8	mm	G 1¼"
AV (air vent)	mm	G 3/4"
D (drain) *		G 1½"

\* Suitable to install heating element.  
Specification and design are subject to change without any notice.

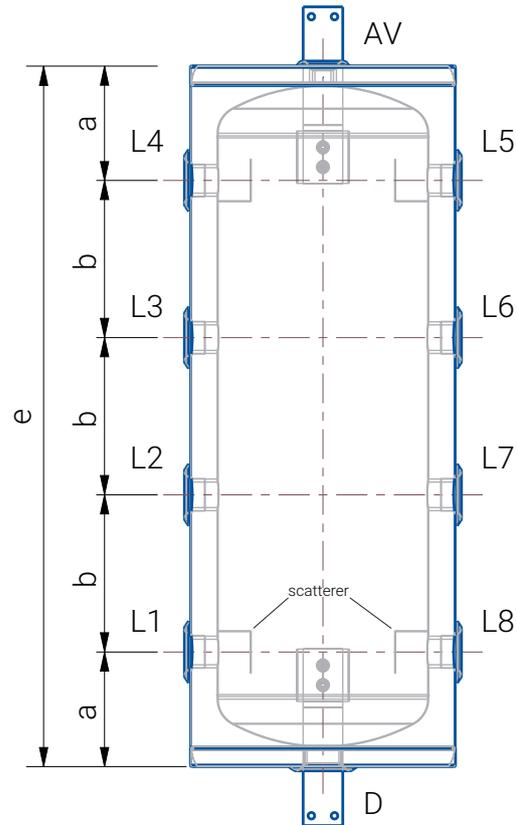
# BAC 80L CHB (non enameled)

## BLS 80L CHB (enameled)

Tanks from 40L to 100L can be both wall-mounted and floor-standing.

### Wall mounting method:

Suspension plate painted, 4mm thick.  
(It can only be mounted vertically).



Capacity	L	80
Maximum operating temperature	°C	95
Tank material		Cold rolled metal sheet 2mm (EN 10130)
Outer shell material		Pre-Painted (Ral 9006) galvanized metal sheet 0.5mm (EN 10346)
Insulation		Polyurethane Foam 48kg / m <sup>3</sup> (DIN 53420)
Maximum pressure	bar	6
Outer diameter	mm	Ø460
Inner diameter	mm	Ø360
a	mm	172,5
b	mm	190
e	mm	915
L1,L2, L3, L4,L5,L6,L7 & L8	mm	G 1¼"
AV (air vent)	mm	G 3/4"
D (drain) *		G 1½"

\* Suitable to install heating element.  
Specification and design are subject to change without any notice.

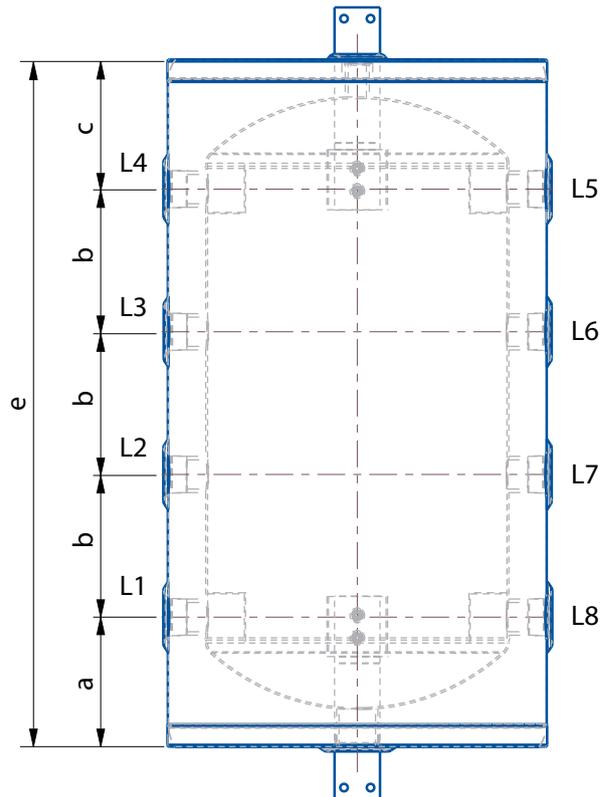
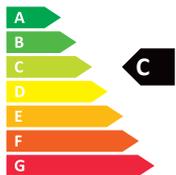
# BAC 100L CHB (non enameled)

## BLS 100L CHB (enameled)

Tanks from 40L to 100L can be both wall-mounted and floor-standing.

**Wall mounting method:**

Suspension plate painted, 4mm thick.  
(It can only be mounted vertically).

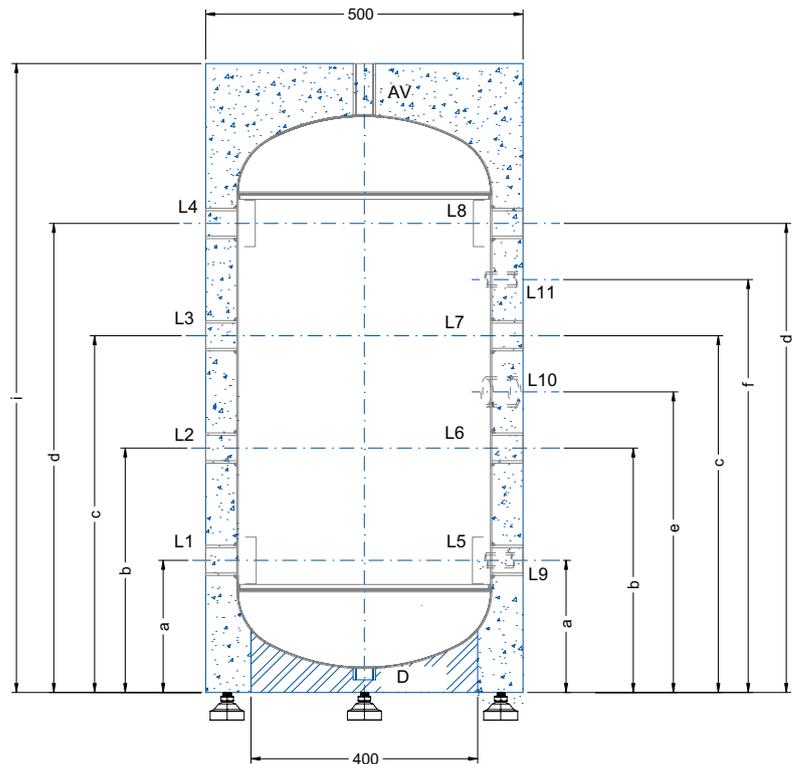


Capacity	L	92.5
Maximum operating temperature	°C	95
Tank material		Cold rolled metal sheet 2,5mm (EN 10130)
Outer shell material		Pre-Painted (Ral 9006) galvanized metal sheet 0.5mm (EN 10346)
Insulation		Polyurethane Foam 48kg / m <sup>3</sup> (DIN 53420)
Maximum pressure	bar	6
Outer diameter	mm	Ø500
Inner diameter	mm	Ø400
a	mm	215
b	mm	190.0
c	mm	215
e	mm	1000
L1, L2 ,L3, L4,L5, L6, L7& L8		G 1¼"
AV (air vent)		G ¾"
D (drain) *		G 1½"

\* Suitable to install heating element.  
Specification and design are subject to change without any notice.

# BAC 150L CHB (non enameled)

# BLS 150L CHB (enameled)

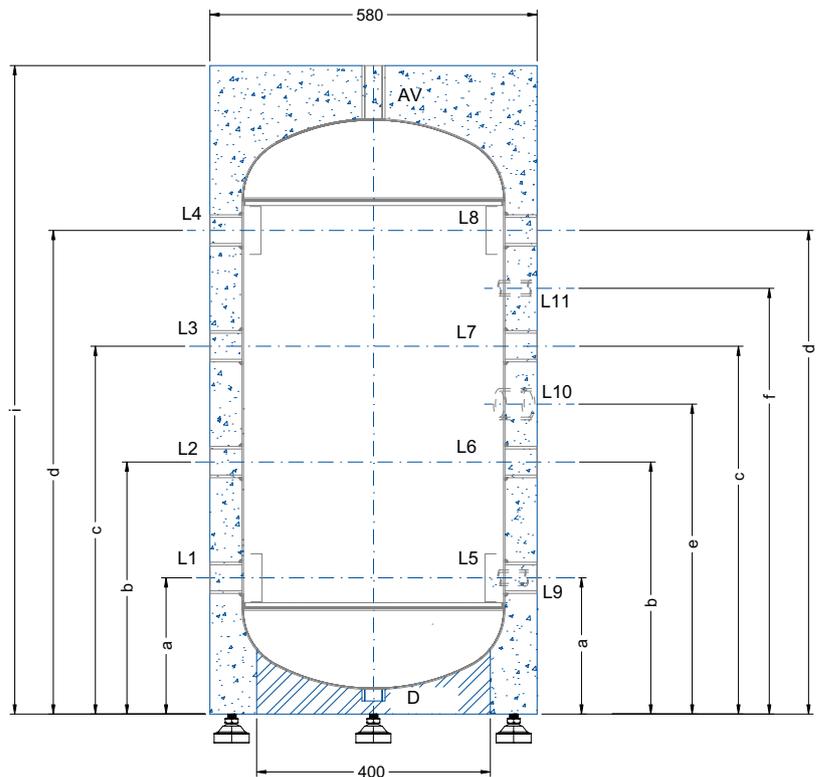
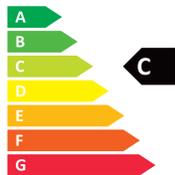


Capacity	L	144
Maximum operating temperature	°C	95
Tank material		Cold rolled metal sheet 2,5mm (EN 10130)
Outer shell material		Pre-Painted (Ral 9006) galvanized metal sheet 0.5mm (EN 10346) or PVC
Insulation		Polyurethane Foam 48kg / m <sup>3</sup> (DIN 53420)
Maximum pressure	bar	8
Outer diameter	mm	Ø 500
Inner diameter	mm	Ø 400
a	mm	242
b	mm	487
c	mm	732
d	mm	977
e	mm	535
f	mm	735
i	mm	1250
L1, L2, L3, L4, L5, L6, L7 & L8		G 1½"
L8, L9 & L10		G ½"
AV (air vent)		G ¾"
D (drain)		G 1½"

Specification and design are subject to change without any notice.

# BAC 200L CHB (non enameled)

# BLS 200L CHB (enameled)

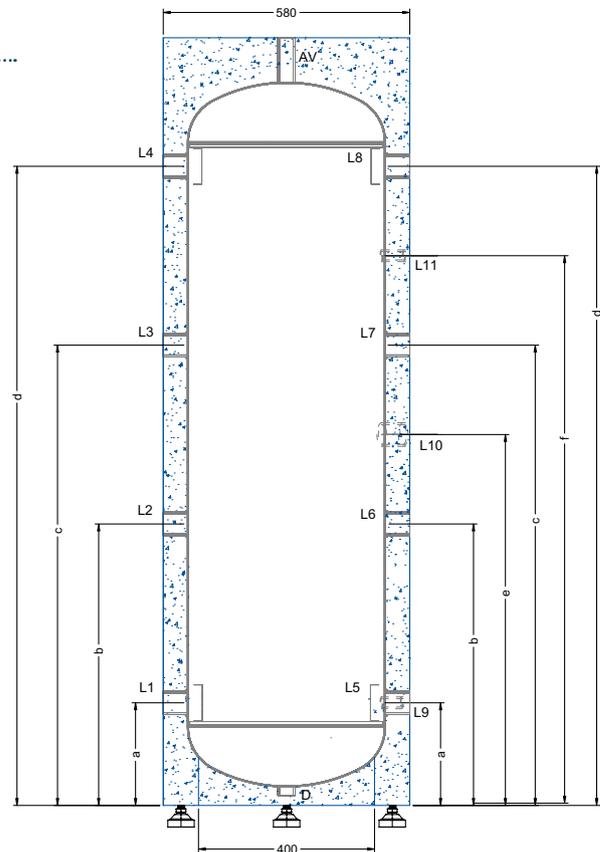


Capacity	L	204
Maximum operating temperature	°C	95
Tank material		Cold rolled metal sheet 2,5mm (EN 10130)
Outer shell material		Pre-Painted (Ral 9006) galvanized metal sheet 0.5mm (EN 10346) or PVC
Insulation		Polyurethane Foam 48kg / m <sup>3</sup> (DIN 53420)
Maximum pressure	bar	8
Outer diameter	mm	Ø580
Inner diameter	mm	Ø400
a	mm	242
b	mm	487
c	mm	732
d	mm	977
e	mm	535
f	mm	735
i	mm	1250
L1, L2, L3, L4, L5, L6, L7, L8 & L10		G 1½"
L9 & L11		G ½"
AV (air vent)		G ¾"
D (drain)		G 1½"

Specification and design are subject to change without any notice.

# BAC 300L CHB (non enameled)

## BLS 300L CHB (enameled)

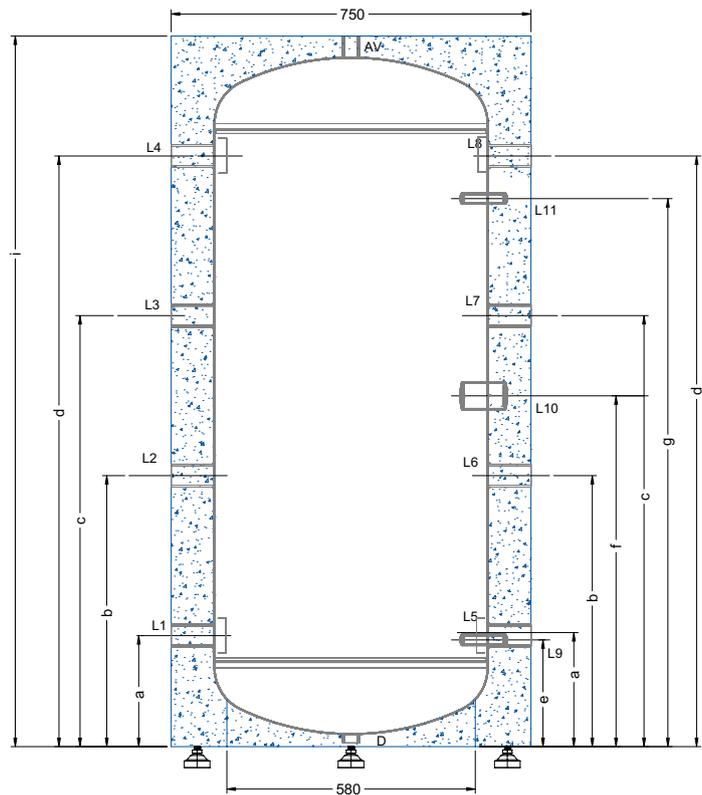


Capacity	L	298
Maximum operating temperature	°C	95
Tank material		Cold rolled metal sheet 2,5mm (EN 10130)
Outer shell material		Pre-Painted (Ral 9006) galvanized metal sheet 0.5mm (EN 10346) or PVC
Insulation		Polyurethane Foam 48kg / m <sup>3</sup> (DIN 53420)
Maximum pressure	bar	8
Outer diameter	mm	Ø580
Inner diameter	mm	Ø480
a	mm	242
b	mm	652
c	mm	1062
d	mm	1472
e	mm	857
f	mm	1267
i	mm	1760
L1, L2, L3, L4, L5, L6, L7 & L8		G 2"
L9 & L11		G 1 ½"
AV (air vent)		G ¾"
D (drain)		G 1 ½"
L10		G 1 ½"

Specification and design are subject to change without any notice.

# BAC 500L CHB (non enameled)

# BLS 500L CHB (enameled)

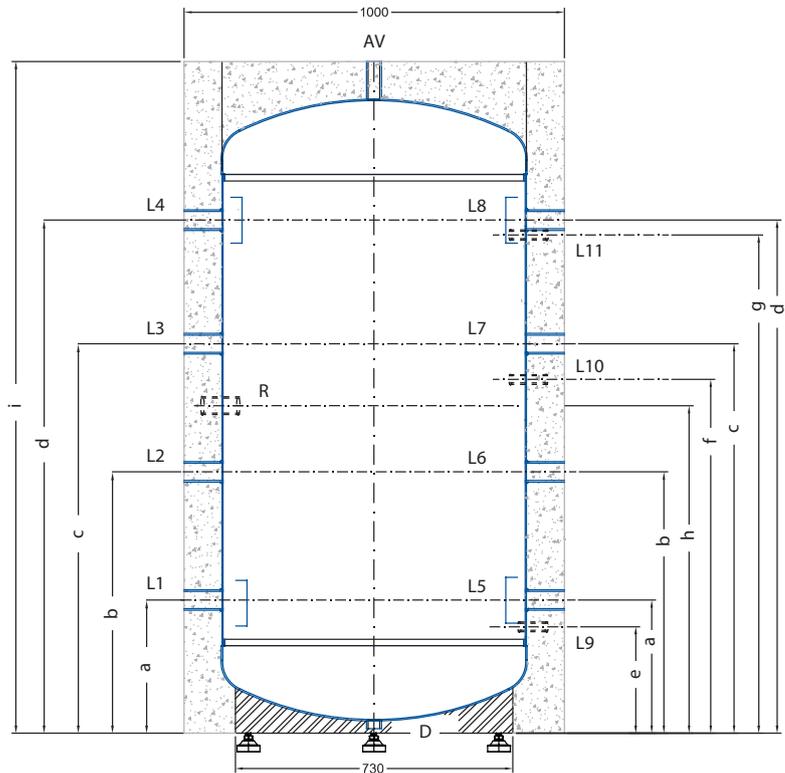


Capacity	L	478
Maximum operating temperature	°C	95
Tank material		Cold rolled metal sheet 3,0mm (EN 10130)
Outer shell material		Pre-Painted (Ral 9006) galvanized metal sheet 0.5mm (EN 10346) or PVC
Insulation		Polyurethane Foam 48kg / m <sup>3</sup> (DIN 53420)
Maximum pressure	bar	8
Outer diameter	mm	Ø750
Inner diameter	mm	Ø640
a	mm	261
b	mm	638
c	mm	1015
d	mm	1391
e	mm	251
f	mm	826
g	mm	1291
i	mm	1674
L1, L2, L3, L4, L5, L6, L7 & L8		G 3"
L9, L10 & L11		G 1/2"
AV (air vent)		G 1 1/2"
D (drain)		G 1 1/2"

Specification and design are subject to change without any notice.

# BAC 750L CHB (non enameled)

# BLS 750L CHB (enameled)

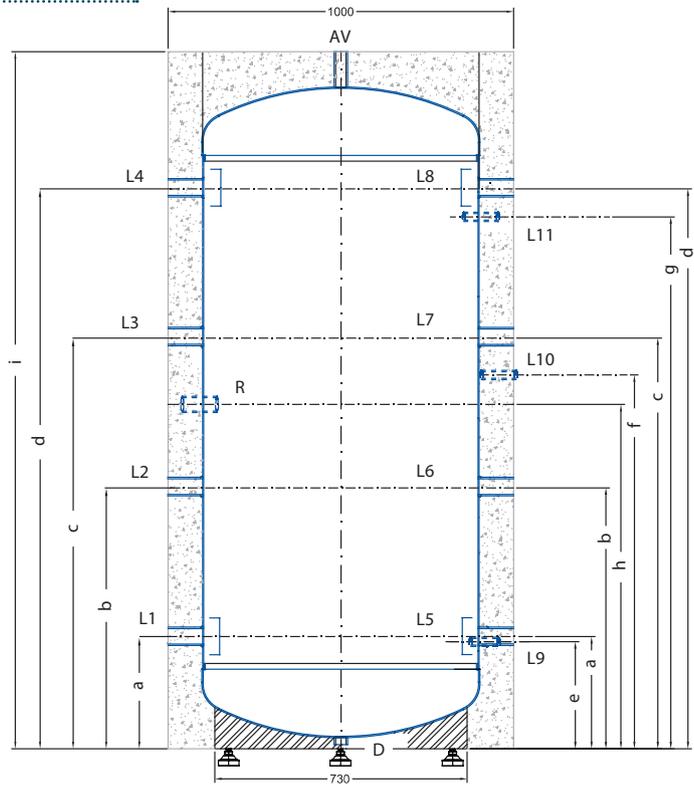


Capacity	L	750
Maximum operating temperature	°C	85
Tank material		Hot-rolled Steel Sheet S235JR (EN 10025)
Outer shell material		PVC Leatherette
Insulation		Removable Soft Polyurethane foam of 100mm thickness
Maximum pressure	bar	8
Outer diameter	mm	Ø1000
Inner diameter	mm	Ø800
a	mm	381
b	mm	721
c	mm	1061
d	mm	1401
e	mm	350
f	mm	986
g	mm	1326
h	mm	891
i	mm	1815
L1, L2, L3, L4, L5, L6, L7 & L8		3" × 100
L9, L10 & L11		1/2" × 100
R (recirculation)		1 1/2" × 100
AV (air vent)		1 1/2" × 100
D (drain)		1 1/2" × 20

Specification and design are subject to change without any notice.

# BAC 1000L CHB (non enameled)

# BLS 1000L CHB (enameled)



Capacity	L	905
Maximum operating temperature	°C	85
Tank material		Hot-rolled Steel Sheet S235JR (EN 10025)
Outer shell material		PVC Leatherette
Insulation		Removable Soft Polyurethane foam of 100mm thickness
Maximum pressure	bar	8
Outer diameter	mm	Ø1000
Inner diameter	mm	Ø800
a	mm	381
b	mm	804
c	mm	1227
d	mm	1651
e	mm	351
f	mm	1161
g	mm	1576
h	mm	1016
i	mm	2065
L1, L2, L3, L4, L5, L6, L7 & L8		3" × 100
L9, L10 & L11		1/2" × 100
R (recirculation)		1 1/2" × 100
AV (air vent)		1 1/2" × 100
D (drain)		1 1/2" × 20

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