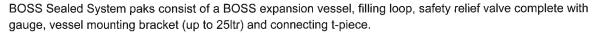
## Sealed System Paks and Intermediate Vessels

## **BOSS Sealed System Paks**

A convenient package ensuring all the correct fittings are supplied with a BOSS expansion vessel. This results in a compact and neat assembly for a domestic sealed system. Sealed System Paks are sized in the same way as standard expansion vessels.





			Dimensions				
Туре	Capacity (litres)	Gas Charge (Ваг)	Ø (mm)	Height (mm)	Syst. Conn. (mm)	Dry Weight (Kg)	Order Code
BOSS SEALED SYSTEM PAK 4	4	0.5	194	365	15	2.8	19712106
BOSS SEALED SYSTEM PAK 8	8	0.5	245	388	15	4.4	19712117
BOSS SEALED SYSTEM PAK 12	12	0.5	286	421	15	5.5	19712128
BOSS SEALED SYSTEM PAK 18	18	0.5	328	414	15	6.9	19712139
BOSS SEALED SYSTEM PAK 24	25	0.5	358	467	15	8.5	19712150
BOSS SEALED SYSTEM PAK 35	35	0.5	396	524	15	12.3	19712161
BOSS SEALED SYSTEM PAK 50	50	0.5	437	581	15	15.6	19712172

## BOSS Intermediate Vessels – 160°C 6.0 bar (g)

Capacity

(litres)

50

100

200

350

500

750

1000

Max working pressure: 6.0 bar(g)
Max supply temperature (tank): 160°C

Intermediate Vessel Type 50

Intermediate Vessel Type 100

Intermediate Vessel Type 200

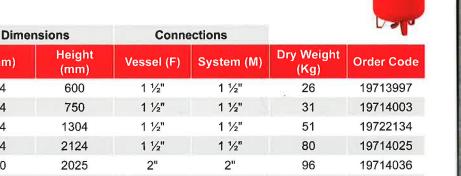
Intermediate Vessel Type 350

Intermediate Vessel Type 500

Intermediate Vessel Type 750

Intermediate Vessel Type 1000

Type



142

172

19714047

19714058

2"

2"

## **BOSS Intermediate Vessel Sizing Table**

BOSS Intermediate Vessels - 160°C 10.0 bar(g) available on request

The sizing of intermediate vessels is dependent on the calculated expanded volume and the respective flow temperature of the system. Where possible intermediate vessels and the associated expansion equipment should be connected to the return line to the boiler (coldest part of the system).

Ø(mm)

484

484

484

484

600

790

790

1863

2238

2"

2"

Temperature Range	Expanded Volume Multiplication Factor
90°C-110°C	15%
111°C-125°C	25%
126°C-140°C	40%
141°C-150°C	60%