



FERHAM
WATER STORAGE PRODUCTS

Cold Water Tanks



Sustainable, Reliable, Affordable



Kingspan®





Open Top Rectangular Stackable

				
Model PC4R	Model PC15R	Model PC20R	Model PC25R	Model PC40R
Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit
18/4 RL4 TJ04R60 BK04R	68/15 RL15 TJ15R60 BK15R	91/20 RL20 TJ20R60 BK20R	114/25 RL25 TJ25R60 BK25R	182/40 RL40 TJ40R60 BK40R
Size (mm): 442(l) x 296(w) x 305(h) Size ("): 17(l) x 12(w) x 12(h)	Size (mm): 600(l) x 425(w) x 425(h) Size ("): 24(l) x 17(w) x 17(h)	Size (mm): 665(l) x 490(w) x 510(h) Size ("): 26(l) x 19(w) x 20(h)	Size (mm): 736(l) x 584(w) x 533(h) Size ("): 29(l) x 23(w) x 21(h)	Size (mm): 940(l) x 610(w) x 590(h) Size ("): 37(l) x 24(w) x 23(h)






Open Top Rectangular Stackable Kitemarked to BS4213:2004

				
Model K4R	Model K15R	Model K20R	Model K25R	Model K40R
Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit
18/4 RL4 TJ04R60 BK04R	68/15 RL15 TJ15R60 BK15R	91/20 RL20 TJ20R60 BK20R	114/25 RL25 TJ25R60 BK25R	182/40 RL40 TJ40R60 BK40R
Size (mm): 442(l) x 296(w) x 305(h) Size ("): 17(l) x 12(w) x 12(h)	Size (mm): 600(l) x 425(w) x 425(h) Size ("): 24(l) x 17(w) x 17(h)	Size (mm): 665(l) x 490(w) x 510(h) Size ("): 26(l) x 19(w) x 20(h)	Size (mm): 736(l) x 584(w) x 533(h) Size ("): 29(l) x 23(w) x 21(h)	Size (mm): 940(l) x 610(w) x 590(h) Size ("): 37(l) x 24(w) x 23(h)

Low Level (Coffin) Tanks (Each model has two lids)

			
Model LT25	Model LT40	Model LT50	Model LT100
Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit
114/25 N/A TJLT2560 BKLT25	182/40 N/A TJLT4060 BKLT40	227/50 N/A TJLT5060 BKLT50	455/100 N/A TJLT5060 BKLT100
Size (mm): 1120(l) x 490(w) x 395(h) Size ("): 44(l) x 19(w) x 16(h)	Size (mm): 1562(l) x 457(w) x 495(h) Size ("): 61(l) x 18(w) x 19(h)	Size (mm): 1420(l) x 530(w) x 490(h) Size ("): 56(l) x 21(w) x 19(h)	Size (mm): 1790(l) x 644(w) x 590(h) Size ("): 70(l) x 25(w) x 23(h)

Specialist Sizes All Stackable

				
Model FCGR9	Model FCGR10	Model FCGR11	Model FCGR12	Model FCGR15
Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit	Capacity Ltr/Gal Lid Ref Insul. Jacket 60mm Water Reg. Kit
41/9 GRL9 GRJ9 GK9	45/10 GRL10 GRJ10 GK10	50/11 GRL11 GRJ11 GK11	54/12 GRL12 GRJ12 GK12	68/15 GRL15 GRJ15 GK15
Size (mm): 635(l) x 432(w) x 381(h) Size ("): 25(l) x 17(w) x 15(h)	Size (mm): 521(l) x 381(w) x 457(h) Size ("): 21(l) x 15(w) x 18(h)	Size (mm): 470(l) x 470(w) x 470(h) Size ("): 19(l) x 19(w) x 19(h)	Size (mm): 610(l) x 305(w) x 508(h) Size ("): 24(l) x 12(w) x 20(h)	Size (mm): 660(l) x 483(w) x 457(h) Size ("): 26(l) x 19(w) x 18(h)



Model	PC50R
Capacity Ltr/Gal	227/50
Lid Ref	RL50
Insul. Jacket 60mm	TJ50R60
Water Reg. Kit	BK50R
Size (mm): 115(l) x 635(w) x 600(h)	
Size ("): 45(l) x 25(w) x 24(h)	



Model	FCR100/70
Capacity Ltr/Gal	315/70
Lid Ref	RL100/70
Insul. Jacket 60mm	TJ100/70
Water Reg. Kit	BKS100/70
Size (mm): 1290(l) x 755(w) x 647(h)	
Size ("): 51(l) x 30(w) x 25(h)	



Model	FCR150/100
Capacity Ltr/Gal	455/100
Lid Ref	RL150/100
Insul. Jacket 60mm	TJ150/100
Water Reg. Kit	BKS150/100
Size (mm): 1480(l) x 838(w) x 698(h)	
Size ("): 58(l) x 33(w) x 27(h)	

TTK Available with the Total Tank Kit

To order your Total Tank Kit, please refer to the Total Tank Kit Reference Code in the TTK section (Accessories and Total Tank Kit Options page).

Please note: The pictures of tanks in this brochure are not to scale - please check sizes indicated before making your purchase.

Open Top Circular Stackable



Model	K50R
Capacity Ltr/Gal	227/50
Lid Ref	RL50
Insul. Jacket 60mm	TJ50R60
Water Reg. Kit	BK50R
Size (mm): 115(l) x 635(w) x 600(h)	
Size ("): 45(l) x 25(w) x 24(h)	



Model	PC25C
Capacity Ltr/Gal	114/25
Lid Ref	CL25
Insul. Jacket 60mm	TJ25C60
Water Reg. Kit	BK25C
Size (mm): 686(d) x 533(h)	
Size ("): 27(d) x 21(h)	



Model	PC50C
Capacity Ltr/Gal	227/50
Lid Ref	CL50
Insul. Jacket 60mm	TJ50C60
Water Reg. Kit	BK50C
Size (mm): 838(d) x 610(h)	
Size ("): 33(d) x 24(h)	



Model	AX50
Capacity Ltr/Gal	227/50
Lid Ref	CL50
Insul. Jacket 60mm	TJ50C60
Water Reg. Kit	BK50C
Size (mm): 838(d) x 625(h)	
Size ("): 33(d) x 25(h)	



Model	PC100C
Capacity Ltr/Gal	455/100
Lid Ref	CL100
Insul. Jacket 60mm	TJ100C60
Water Reg. Kit	BK100C
Size (mm): 1041(d) x 787(h)	
Size ("): 41(d) x 31(h)	

Flexible Cistern

Enclosed Range (All feature integral lids)



Model	FCGR25
Capacity Ltr/Gal	114/25
Lid Ref	GRL25
Insul. Jacket 60mm	GRJ25
Water Reg. Kit	GK25
Size (mm): 685(l) x 508(w) x 572(h)	
Size ("): 27(l) x 20(w) x 23(h)	



Model	FCGR40
Capacity Ltr/Gal	182/40
Lid Ref	GRL40
Insul. Jacket 60mm	GRJ40
Water Reg. Kit	GK40
Size (mm): 762(l) x 610(w) x 660(h)	
Size ("): 30(l) x 24(w) x 26(h)	



Model	FCGR50
Capacity Ltr/Gal	218/48
Lid Ref	GRL50
Insul. Jacket 60mm	GRJ50
Water Reg. Kit	GK50
Size (mm): 965(l) x 635(w) x 610(h)	
Size ("): 38(l) x 25(w) x 24(h)	



Model	FCR175
Capacity Ltr/Gal	795/175
Lid Ref	N/A
Insul. Jacket 60mm	TJCR175
Water Reg. Kit	BKSCR175
Size (mm): 1207(l) x 1207(w) x 876(h)	
Size ("): 48(l) x 48(w) x 34(h)	



Model	FCGR20SQ
Capacity Ltr/Gal	91/20
Lid Ref	N/A
Insul. Jacket 60mm	TJ20SQ60
Water Reg. Kit	BK20SQ
Size (mm): 508(l) x 508(w) x 508(h)	
Size ("): 20(l) x 20(w) x 20(h)	



Model	FCGR18
Capacity Ltr/Gal	82/18
Lid Ref	GRL18
Insul. Jacket 60mm	GRJ18
Water Reg. Kit	GK18
Size (mm): 648(l) x 508(w) x 508(h)	
Size ("): 26(l) x 20(w) x 20(h)	



Model	FCGR21
Capacity Ltr/Gal	82/18
Lid Ref	GRL21
Insul. Jacket 60mm	GRJ21
Water Reg. Kit	GK21
Size (mm): 635(l) x 406(w) x 660(h)	
Size ("): 25(l) x 16(w) x 26(h)	



Model	FCGR34
Capacity Ltr/Gal	136/30
Lid Ref	GRL34
Insul. Jacket 60mm	GRJ34
Water Reg. Kit	GK34
Size (mm): 635(l) x 635(w) x 610(h)	
Size ("): 25(l) x 25(w) x 24(h)	

Accessories and Total Tank Kit Options

Accessories List for All Tanks

- Lids are available for all models.
- 60mm fibreglass filled lagging jackets and ties are available for all models.
- Ball valve backing plate (supplied as standard on the 'K' range).
- Byelaw 30 fittings kit comprising of 22mm screened breather, warning pipe, dip tube and 22mm rubber expansion pipe grommet.
- Byelaw 60 fittings kit comprising as above but with 38mm screened warning pipe and dip tube.
- Total tank kit comprising of 15mm BS1212 part 2 ball valve with float, 22mm tank connector and 15mm service valve.*

*Excluding TTK04R



Total Tank Kit Options

Designed and manufactured to provide heating contractors with a premium Total Tank Kit option.

Total Tank Kit Accessories List:

- Lid (except FCGR20SQ and LT50).
- Part 2 ball valve & 4½" float.
- Ball valve backing plate.
- 22mm compression tank connector (15mm on PC4R/K4R).
- Byelaw 30 fittings kit (22mm).
- 15mm x ½" angled service valve (not in TTK04R).
- Insulation jacket and ties.

Model	Total Tank Kit Reference
PC4R/K4R	TTK04R
PC15R/K15R	TTK15R
PC20R/K20R	TTK20R
PC25R/K25R	TTK25R
PC40R/K40R	TTK40R
PC50R/K50R	TTK50R
FCGR20SQ	TTK20SQ
LT50	TTK50LT



Dedicated to meeting the precise needs of customers, the Total Tank Kit offers the option of purchasing all the accessories listed above in one easy kit.

TOTAL Tank Kit

...providing you with the **total solution**

Fitting Instructions, Capacity and Dimension Chart

1. Testing

- 1.1 Test the cistern before fixing as it may be damaged in transit.

2. Drilling

- 2.1 The base of the cistern should be adequately and uniformly supported over its whole area.
- 2.2 A hole cutting tool should be used to ensure a circular hole free from notches or abrasions.
- 2.3 Do not use heated metal tubing.
- 2.4 Always support the cistern wall whilst drilling.

3. Assembly

- 3.1 All pipes should enter the cistern at 90° to the cistern wall and should be aligned so as not to distort the cistern.
- 3.2 Back nuts should not be over-tightened.
- 3.3 Cisterns arranged to receive expansion water shall be fitted internally and externally at all outlet connections with suitably protected washer plates.

These should be of a KIWA approved material. CAUTION: For sealing connectors, use PTFE tape, under no circumstances use jointing compounds or putty in contact with the cistern.

- 3.4 Kitemarked cisterns are supplied with a backing plate. This plate must be fitted to the outside of the cistern with the ball valve lock nut. This should be a minimum of 60mm from the top of the cistern.
- 3.5 If the cistern is to be passed through a loft or narrow opening, it must not be drilled prior to this operation. Care must be taken not to scratch the cistern wall.
- 3.6 The cistern should be positioned so that it is not in close proximity to heaters, light bulbs or other sources of heat.
- 3.7 To comply with water regulations install with close fitting lid, screened air inlet, screened warning pipe and, if applicable, vent pipe entry device and insulation jacket.

Easy Guide Capacity and Dimension Chart

Capacity Ltr/Gal	Product Available	Length (mm)	Width (mm)	Height (mm)	Diameter (mm)
18/4	PC4R/K4R	442	296	305	n/a
41/9	FCGR9	635	432	381	n/a
45/10	FCGR10	521	381	457	n/a
50/11	FCGR11	470	470	470	n/a
54/12	FCGR12	610	305	508	n/a
68/15	PC15R/K15R	600	425	425	n/a
68/15	FCGR15	660	483	457	n/a
82/18	FCGR18	648	508	508	n/a
82/18	FCGR21	635	406	660	n/a
91/20	FCGR20SQ	508	508	508	n/a
91/20	PC20R/K20R	665	490	510	n/a
114/25	PC25R/K25R	736	584	533	n/a
114/25	PC25C	n/a	n/a	533	686
114/25	LT25	1120	490	395	n/a
114/25	FCGR25	685	508	572	n/a
136/30	FCGR34	635	635	610	n/a
182/40	PC40R/K40R	940	610	590	n/a
182/40	LT40	1562	457	495	n/a
182/40	FCGR40	762	610	660	n/a
218/48	FCGR50	965	635	610	n/a
227/50	PC50R/K50R/K50R (with lid)	1155	635	600	n/a
227/50	PC50C	n/a	n/a	610	838
227/50	AX50	n/a	n/a	625	838
227/50	LT50	1420	530	490	n/a
315/70	FCR100/70	1290	755	647	n/a
455/100	FCR150/100	1480	838	698	n/a
455/100	PC100C	n/a	n/a	787	1041
455/100	LT100	1790	644	590	n/a
795/175	FCR175	1207	1207	876	n/a

