

ROTO MOULDED PRODUCTS BROCHURE



FLO-TEK[®]
Flow better with us

www.flotekafrika.com

VERTICAL TANKS



Color Pallet



FEATURES

- ▶ Made of 100% virgin polyethylene.
- ▶ Ideal for water, chemical and fertilizer.
- ▶ UV & Chemical Resistant Polyethelene
- ▶ Strong & durable
- ▶ Range of colours
- ▶ Wide distribution network

PRODUCTS	CAPACITY	SPECIFICATIONS IN MM					
		DIA	HEIGHT	LID	INLET	OUTLET	OVERFLOW
VERTICAL TANKS	500 LITERS	900	965	400 mm	50/40	40 MM FEMALE	NA
	1000 LITERS	1240	1180	400 mm	50/40	40 MM FEMALE	NA
	2000 LITERS	1400	1570	400 mm	50/40	40 MM FEMALE	NA
	2200 LITERS	1400	1770	400 mm	50/40	40 MM FEMALE	NA
	2500 LITERS	1455	1750	400 mm	50/40	40 MM FEMALE	40 MM REDU BUSH
	5000 LITERS	1880	2170	400 mm	50/40	40 MM FEMALE	40 MM REDU BUSH
	10000 LITERS	2350	2890	400 mm	50/40	40 MM FEMALE	40 MM REDU BUSH
VERTICAL MUST (Multi Utility slim tank)	1000 LITERS	800	1950	400 mm	32/25	40 MM FEMALE	32/25



HORIZONTAL TANKS



FEATURES

- Made of 100% virgin polyethylene. ◀
- Ideal for water, chemical and fertilizer. ◀
- UV & Chemical Resistance Polyethelene ◀
- Strong & durable ◀
- Range of colours ◀
- Wide distribution network ◀

PRODUCTS	CAPACITY	SPECIFICATIONS IN MM					
		WIDTH	HEIGHT	LENGTH	INLET	OUTLET	LID
HORIZONTAL TANKS	500 LITERS	845	865	1280	50/40	40 MM FEMALE	400 mm
	1000 LITERS	1340	1030	1700	50/40	40 MM FEMALE	400 mm
	2000 LITERS	1020	1290	1980	50/40	40 MM FEMALE	400 mm
	2500 LITERS	1250	1360	2160	50/40	40 MM FEMALE	400 mm
	5000 LITERS	1720	1710	2900	50/40	40 MM FEMALE	400 mm
TRANSPORTATION TANKS*	5000 LITERS	2240	1460	2240	NA	40MM FEMALE	BAFFLE

GREY WATER SYSTEM



1 000 Ltr - 10 000Ltr



Extension 250mm



Lid 600mm



200Ltr

FEATURES

- Compact design, available in ready to use form
- Strong & Durable
- 100% watertight structure
- Easy & fast installation
- Low maintenance cost
- cost effective

What is Grey water system?

Waste water from baths and showers are called grey water, it looks cloudy in appearance and can be filtered for reuse. Water from the kitchen sink, dishwasher and toilet cannot be used because it has far too many contaminants such as bacteria, greases and chemicals. Black water is extremely toxic and should be sent down into the sewerage system where right treatment is possible. Whilst grey water contains soap, detergents, hair and bacteria. It still can be recycled through cleaning system that consists of filters and purifiers. Once this process is complete the water is clean enough to be used for watering gardens including vegetable patches.

Advantages of Grey water recycling and reuse

- Save municipal water used for gardening
- Reduce garden water cost upto 60%
- Increase the lifespan of your septic system
- Less strain on public sewage treatment system
- Reduction in energy use by the municipality
- Reclamation of otherwise wasted nutrients
- Ground water recharge



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FLO-TEK SEPTIC & CONSERVANCY TANK



FEATURES:

- Compact design, available in ready to use form
- Strong & Durable
- 100% watertight structure
- Easy & fast installation
- Low maintenance cost
- cost effective

TYPE	DIMENSIONS (MM)			DOMESTIC USAGE
	HEIGHT	DIAMETER	THICKNESS (MM)	
VERTICAL SEPTIC TANKS				
Septic Tank 1450 liter	1260	320	8-9	4-6 PERSON
Septic Tank 1750 liter	1610	1660	8-9	6-8 PERSON
Lid	95	480	4-5	N/A
Extension	300	480	4-5	N/A

ASSUMED FLOW RATE 150-200 L PER PERSON / DAY

TYPE	DIMENSIONS (MM)			THICKNESS (MM)	DOMESTIC USAGE
	TOTAL HEIGHT	WIDTH	LENGTH		
HORIZONTAL SEPTIC TANK					
Septic Tank 2000 liter	1430	1580	1550	9-10	4-6 PERSON
Septic Tank 2500 liter	1430	1580	1965	9-10	6-8 PERSON
Septic Tank 3000 liter	1430	1580	2380	9-10	6-12 PERSON
Septic Tank 4300 liter	1430	1580	3230	9-10	12-15 PERSON
Septic Tank 5500 liter	1430	1580	4060	9-10	15-25 PERSON
Septic Tank 8000 liter	1430	1580	5740	9-10	25-35 PERSON
Septic Tank 10000 liter	1430	1580	7420	9-10	35-45 PERSON
	TOTAL HEIGHT	WIDTH	DIAMETER		
Lid	90	N/A	665	8-9	N/A
Extension	250	N/A	610	8-9	N/A

GREASE TRAP



1 000 Ltr - 10 000Ltr



90Ltr



Extension 250mm



Lid 600mm



FEATURES:

- ▶ Excellent chemical resistance to aggressive grease acids.
- ▶ Compact design, available in ready to use form
- ▶ Strong & Durable
- ▶ 100% watertight structure
- ▶ Easy & fast installation
- ▶ Low maintenance cost
- ▶ cost effective

What is a Grease Trap?

Grease traps are designed to separate out, retain and remove grease and similar substances from waste water which are deleterious, hazardous and undesirable. These traps prevent greasy substances from entering plumbing systems, septic fields and waste water treatment facilities, where they are difficult to process and can create environmental problems. If large amounts of grease, soaps and oils enter a sewer system, the materials will coagulate, solidify and adhere to the inside wall of the pipe, eventually blocking or partially blocking the pipe. The separation and removal of such substances is possible due to difference in density between the substance to be separated and the carrying liquid and by the reduction of flow velocity.

The discharge of grease into sewers is now acknowledged as a major problem, causing blockage in pipes and problems at locations such as sewage treatment works and septic tanks. Grease is a normal constituent of water borne wastes from kitchens and food preparation rooms where quantities arise from the washing of used crockery and utensils. Facilities must be available at restaurant kitchens for the bulk collection and removal of grease, fats and oil and to prohibit their discharge into the drainage system.

Application

Other commercial places like dairies, slaughterhouses and commercial food-processing plants have grease and fats as by products and require grease traps. filling stations, automobile repair shops, laundries, dry-cleaning plants, machine shops and industries using chemical processing are sources of flammable and volatile wastes that must be removed and treated. Machine shops, garages, service stations, hospitals, medical clinics, dental laboratories and fish preparation areas also need grease traps.

Maintenance and cleaning

Accumulated grease at the top of the trap need to be cleaned periodically by collecting grease. Frequency of cleaning depends on the size of the trap and the amount of incoming grease



FLO-TEK INSPECTION CHAMBERS

Features

- ▶ Extreme durability with life expectancy well over 50 years in challenging site conditions ranging from industrial waste, acidic conditions, light vehicular loads and high water tables.
- ▶ Fast, easy and safe installations.
- ▶ Reduced operating costs due to hydraulically optimized channels and sealing system and minimum blockages.
- ▶ Corrosion resistant.
- ▶ Maintenance free.

Diameter	Height	Combination	Weight (kg)	
			6mm	8mm
500 mm	INSPECTION CHAMBER 500 x 500	ONE PIECE	7.50	9.00
	INSPECTION CHAMBER 500 x 750	ONE PIECE	10.00	13.50
	INSPECTION CHAMBER 500 x 1000	ONE PIECE	13.00	17.00
	INSPECTION CHAMBER 500 x 1250	ONE PIECE	16.00	21.00
	INSPECTION CHAMBER 500 x 1500	ONE PIECE	21.00	26.00
600 mm	INSPECTION CHAMBER 600 x 500	ONE PIECE	10.00	13.50
	INSPECTION CHAMBER 600 x 750	ONE PIECE	13.00	17.00
	INSPECTION CHAMBER 600 x 1000	ONE PIECE	16.00	21.00
	INSPECTION CHAMBER 600 x 1250	ONE PIECE	19.00	25.00
	INSPECTION CHAMBER 600 x 1500	1 x 1250 + 1 x 250	22.00	29.00



CONNECTION CHAMBERS

Features

- ▶ Suitable option for electric connections, water meter and telecom connections
- ▶ Extreme durability with life expectancy well over 50 years in challenging site conditions.
- ▶ Fast, easy and safe installations.
- ▶ Corrosion resistant.
- ▶ Maintenance free.

Diameter	Height	Combination	Weight (kg)	
			6mm	8mm
500 mm	INSPECTION CHAMBER 500 x 450	ONE PIECE	5.00	6.00
	INSPECTION CHAMBER 500 x 700	ONE PIECE	8.00	9.50
	INSPECTION CHAMBER 500 x 950	ONE PIECE	10.00	12.00
	INSPECTION CHAMBER 500 x 1200	ONE PIECE	13.00	15.00
600 mm	INSPECTION CHAMBER 600 x 450	ONE PIECE	7.00	9.00
	INSPECTION CHAMBER 600 x 700	ONE PIECE	10.00	12.00
	INSPECTION CHAMBER 600 x 950	ONE PIECE	13.00	15.00
	INSPECTION CHAMBER 600 x 1200	ONE PIECE	15.00	21.00



- 1) UPPER UNIT (UU)
- 2) EXTENSION PIECE (E)
- 3) BASE (B)
- 4) KASKADE
- 5) IN-BUILT STEPS
- 6) MANHOLE CHAMBER



FLO-TEK MANHOLE CHAMBERS

Features:

- ▶ Extreme durability with life expectancy well over 50 years in challenging site conditions
- ▶ ranging from industrial waste, acidic conditions, heavy vehicular loads and high water tables.
- ▶ Fast, easy and safe installations.
- ▶ Stable, corrosion resistant in-built steps made of high quality PE. Reduced operating costs due to hydraulically optimized channels and sealing system and minimum blockages.
- ▶ Maintenance free.

SIZE (mm) DIA X HEIGHT	COMBINATION OF COMPONENTS	Weight (kg)
Manhole Chamber 1000 X 1750	1 X 1000 (B) + 1 X 750 (UU)	106,00
Manhole Chamber 1000 X 2000	1 X 1000 (B) + 1 X 1000 (UU)	115,00
Manhole Chamber 1000 X 2250	1 X 1000(B) + 1x 250 (E) + 1 X 1000 (UU)	122,00
Manhole Chamber 1000 X 2500	1 X 1000(B) + 1x 500 (E) + 1 X 1000 (UU)	135,00
Manhole Chamber 1000 X 2750	1 X 1000(B) + 1x 750 (E) + 1 X 1000 (UU)	148,00
Manhole Chamber 1000 X 3000	1 X 1000(B) + 1x 1000 (E) + 1 X 1000 (UU)	160,00
Manhole Chamber 1000 X 3250	1 X 1000(B) + 1x 1250 (E) + 1 X 1000 (UU)	173,00
Manhole Chamber 1000 X 3500	1 X 1000(B) + 1x 1500 (E) + 1 X 1000 (UU)	185,00
Manhole Chamber 1000 X 3750	1 X 1000(B) + 1x 1500 (E) + 1 X 250 (E) + 1 X 1000 (UU)	197,00
Manhole Chamber 1000 X 4000	1 X 1000(B) + 1x 1500 (E) + 1 X 500 (E) + 1 X 1000 (UU)	210,00
Manhole Chamber 1000 X 4250	1 X 1000(B) + 1x 1500 (E) + 1 X 750 (E) + 1 X 1000 (UU)	223,00
Manhole Chamber 1000 X 4500	1 X 1000(B) + 1x 1500 (E) + 1 X 1000 (E) + 1 X 1000 (UU)	235,00
Manhole Chamber 1000 X 4750	1 X 1000(B) + 1x 1500 (E) + 1 X 1250 (E) + 1 X 1000 (UU)	247,00
Manhole Chamber 1000 X 5000	1 X 1000(B) + 2 X 1500 (E) + 1 X 1000 (UU)	260,00

Abbreviations: B = BASE, E = EXTENSION, UU = UPPER UNIT

AGRICULTURAL PRODUCTS



PRODUCT: DRUM CLOSE HEAD
CAPACITY: 100L

H: 730MM
DIA: 380



PRODUCT: DRUM CLOSE HEAD
CAPACITY: 210L

H: 940MM
DIA: 550MM



PRODUCT: DRUM OPEN HEAD
CAPACITY: 100L

H: 730MM
DIA: 380



PRODUCT: DRUM OPEN HEAD
CAPACITY: 210L

H: 1000MM
DIA: 490



PRODUCT: CATTLE FEED TROUGH

H: 190MM
W: 420MM
L: 1970MM



PRODUCT: CATTLE FOOT BATH
TROUGH

H: 150MM
W: 850MM
L: 2000MM



PRODUCT: CATTLE WATER DRINKING
TROUGH
CAPACITY: 220L

H: 500MM
W: 640MM
L: 2150MM



PRODUCT: CATTLE WATER DRINKING
TROUGH WITH COVER & VALVE
CAPACITY: 220L

H: 500MM
W: 640MM
L: 2150MM



PRODUCT: CATTLE WATER DRINKING
TROUGH WITH COVER,
VALVE & FRAME
CAPACITY: 220L
H: 500MM
W: 640MM
L: 2150MM

AGRICULTURAL PRODUCTS



PRODUCT: CATTLE WATER DRINKING TROUGH TROUGH WITH COVER, VALVE & FRAME
CAPACITY:220L
H: 500MM
W: 640MM
L: 2150MM



PRODUCT: PLASTIC BOWL
CAPACITY: 375L

H: 450MM
DIA: 1200MM

SANITARY PRODUCTS



PRODUCT: PIT PEDESTAL VIP 200



PRODUCT: PIT PEDESTAL

DOMESTIC PRODUCTS



PRODUCT: DUST BIN
 CAPACITY: 100L
 H: 1050MM
 L: 440MM
 W: 440MM



PRODUCT: DUST BIN SET

H: 1050 MM
 L: 2250 MM
 W: 450 MM



PRODUCT: WHEEL BIN
 CAPACITY: 240L
 H: 1000MM
 W: 615MM
 L: 720MM



PRODUCT: PUMP COVER
 CAPACITY: 240L
 H: 770MM
 W: 785MM
 L: 940MM



PRODUCT: PLASTIC POT
 H: 390 MM
 W: 640 MM
 L: 920 MM



PRODUCT: GARDEN CHAIR



PRODUCT: STORAGE BIN 30L
 DIA: 420MM
 HEIGHT: 350MM



PRODUCT: DOG KENNEL LARGE
 H: 770MM
 W: 785MM
 L: 940MM

OTHER PRODUCTS



PRODUCT: CHEMICAL TANKS

Available Capacity: 500L - 10 000L



PRODUCT: CONNER PIECE

H:220MM
L: 1200MM
W:270MM



PRODUCT: CONNER PIECE

H:220MM
L:2000MM
W:1200MM



PRODUCT: TRAFFIC CONE

HEIGHT: 1000MM



PRODUCT: TRAFFIC CONE

HEIGHT: 700 mm



PRODUCT: TRAFFIC CONE

HEIGHT: 450 mm



PRODUCT: TYRE BLOCK

H:215MM
L:160MM
W:315MM



PRODUCT: FERTILIZER TANKS

Available Capacity: 500L - 10 000L

ACCESSORIES



PRODUCT: INSPECTION/
CONNECTION CHAMBER LID
DIA: 500MM



PRODUCT: RAIN WATER
HARVESTING SLIM TANK LID
DIA: 410MM



PRODUCT: SIEVE
DIA: 450MM



PRODUCT: 25MM TANK
CONNECTOR



PRODUCT: 40MM TANK
CONNECTOR



PRODUCT: 40 MM REDUCING BUSH



PRODUCT: 20MM TANK
CONNECTOR



PRODUCT: 40 MM
MALE PLUG



PRODUCT: 25 MM
MALE PLUG



PRODUCT: 40 MM SHORT
CONNECTOR FEMALE



PRODUCT: 75 MM TANK
CONNECTOR



PRODUCT: 50/40 MM TANK
CONNECTOR

ACCESSORIES



PRODUCT: THREADED LID
DIA: 410MM



PRODUCT: SEPTIC/ CONSERVACY
TANK / INSPECTION/
CONNECTION CHAMBER LID
DIA: 600MM



PRODUCT: MULTI-PURPOSE
EXTENSION FOR SEPTIC/
CONSERVANCY TANKS
DIA: 600MM
HEIGHT: 250MM



SHAPING THE FUTURE

WASTE WATER TREATMENT PLANT

OUR NETWORK

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