

Overview VETUS fuel systems

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WHY VETUS FUEL SYSTEMS?

The fuel system on a boat is a VETUS specialty. You don't have to experience that helpless feeling when an engine unexpectedly stops at a critical moment. VETUS can provide you with the best products, accessories and tips to keep your engine running smoothly, ensuring your safety, comfort and compliance with good practise and environmental regulations.

A good working fuel system

Many people are unaware of the problems that water in fuel can cause. Even a small drop of water can be extremely damaging for the fuel pump, its injectors, filters and engine. Water carries dirt, rust and micro-organism through the narrow pipes into the system and when trapped, the water becomes a perfect breeding place, resulting in blockage in the fuel pump and additional wear and tear. Placing a fuel filter / water separator between the tank and the fuel lift pump will prevent damage to the engine and ensures easy starting and smooth running.

VETUS offers the following types of filters

Spin-on filters

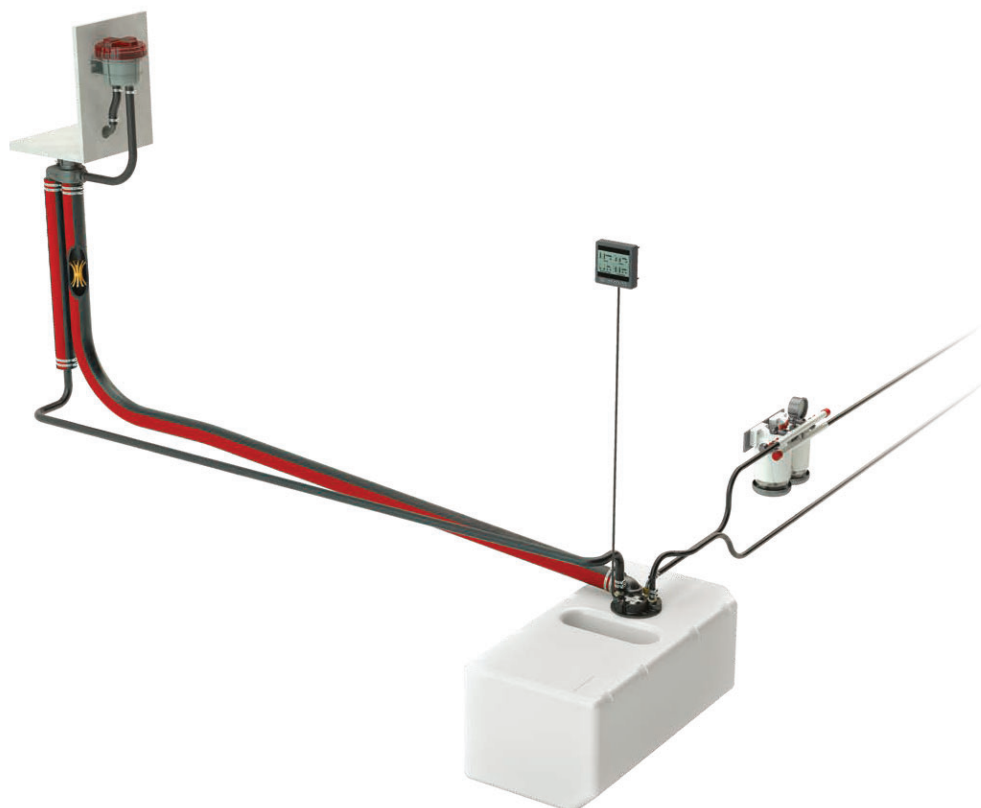
With a maximum capacity from 190 to 460 litres per hour, based on a patented fuel flow system in which water is separated from the fuel before the fuel flows back through the filter element.

Centrifugal filters

With a maximum capacity of 720 up to 3600 litres/hr. This modular system can be ordered in combinations of 2 to 6 filters for engines up to 5000 hp. The fuel inlet and outlet can be configured on the same or the opposite sides.

7 Reasons why you should choose a VETUS fuel system

- Our Splash Stop protects the environment by preventing fuel spillages
- Our fuel tanks are made from synthetic, corrosion free material resulting in less condensation
- Our fuel tanks are ready for installation, complete with a flange with bolt holes for gauge sender
- Our fuel filters have CE and ABYC approved clear bowl
- Our fuel filters have O-ring sealing for leak-free element replacement
- Our patented full-flow system gives VETUS fuel filters up to 5x larger filtering surface
- Our Fuel-safe provides complete low cost protection against fuel theft



SPIN-ON FILTER

Patented fuel flow system

VETUS Spin-on fuel filters, with maximum capacities ranging from 190 to 460 litres per hour, are based on a patented fuel flow system in which water and dirt is separated from the fuel before the fuel flows through the filter element. This way damage can be prevented and an easy starting, smooth running engine is guaranteed.

Note

All VETUS Spin-on filters meet the CE (ISO 10088) and ABYC requirements (relating to installation in the engine room) and can withstand a fire test of 2,5 minutes.

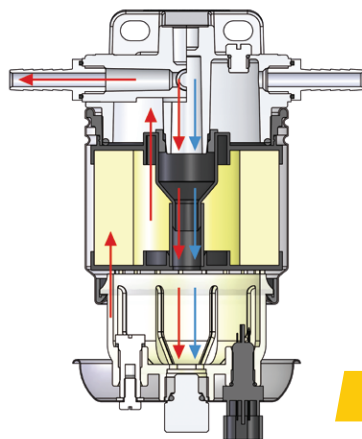
Type VTEB / VTEPB

Consistent filtering and a longer lifetime

These filters have an increased filtering surface and efficiency up to 5 times the surface of conventional filters. They are provided with a transparent bowl, which allows easy checking for water contamination. The elements can be easily replaced as a single unit, ruling out leakage or spills. The filters can be replaced without tools and with the engine running.

Characteristics

- Suitable for all diesel engines up to 600 hp
- A connection kit for 10 mm hose incl. 3 blind plugs is included
- All fittings feature O-ring sealing
- Single Spin-on filters are available with or without a manual pump to facilitate easy bleeding of the fuel system (type VTEPB)



VTEB



VTEPB



75...VTEB

Double Spin-on filters

For boats that sail offshore

For boats that sail offshore, we strongly recommend these dual filter systems. In rougher sea conditions, dirt and water accumulated in the fuel tank becomes agitated and can rapidly clog the filter with little warning. This may result in loss of engine power and all the dangers that may present.

By turning the changeover valve, the system will switch over to a clean spare filter without having to turn off the engine. This dual filter system is supplied with a vacuum gauge which shows when the filter element should be replaced.



SPIN-ON FILTER

Product overview - Spin-on filters for diesel fuel

Single Spin-on filters
with or without bleed pump



Type		330VTEB	330VTEPB	340VTEB	340VTEPB	350VTEB	350VTEPB
Max. capacity in l/hr (g/hr)		190 (42)		380 (84)		460 (102)	
Version		single	with pump	single	with pump	single	with pump
Connections*		M16 x 1.5*		M16 x 1.5*		M16 x 1.5*	
Dimensions (mm)	Height	205		265		325	
	Width	120		120		120	
	Depth	120		120		120	
Weight (kg)		1.3		1.45		1.6	
Replacement filter	10 µm (standard)	VT33EB		VT34EB		VT35EB	
	30 µm (optional)	VT33ER		VT34ER		VT35ER	
Replacement advice				Minimum annually			
Certification				CE and ABYC			



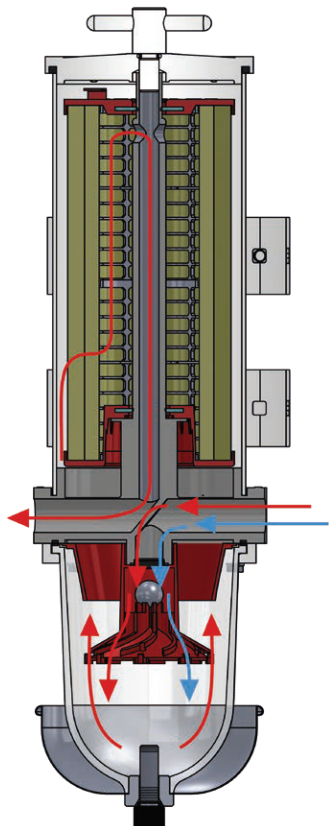
*A connection kit for 10mm hose and three blind plugs is standard supply.



Double Spin-on filters
Parallel or in line

Type		75330VTEB	75340VTEB	75350VTEB
Max. capacity in l/hr (g/hr)		190 (42)	380 (84)	460 (102)
When both filters are in use		380 (84)	760 (168)	920 (204)
Version		Double	Double	Double
Connections		R 1/2	R 1/2	R 1/2
Dimensions (mm)	Height	305	365	425
	Width	310	310	310
	Depth	167	167	167
Weight (kg)		4,7	5	5,3
Replacement filter	10 µm (standard)	2 x VT33EB	2 x VT34EB	2 x VT35EB
	30 µm (optional)	2 x VT33ER	2 x VT34ER	2 x VT35ER
Replacement advice		When vacuum gauge indicates between -0.2 and -0.38 kg/cm ² , or annually		
Certification		CE and ABYC		

CENTRIFUGAL FILTERS



Modular system for effective filtering

VETUS centrifugal filters have maximum capacities ranging from 720 up to 3600 litres/hr. This modular system can be ordered in combinations of 2 to 6 filters for engines up to 5000 hp. The fuel inlet and outlet can be configured on the same or the opposite sides. When determining the required capacity, it is always assumed that one filter is held in reserve. In case of a 6 filter configuration, 5 elements are in use and 1 is in reserve.

Note

All VETUS centrifugal filters meet the CE (ISO 10088) and ABYC and are Germanischer Lloyd certified which makes them applicable for commercial vessels.

Specifications

- Suitable for all diesel engines up to 5000 hp
- All fittings feature O-ring sealing
- Centrifugal filters are equipped with a vacuum gauge

Multiple centrifugal filters for diesel fuel

Available in parallel or in line

For the capacities, dimensions and specifications see table below.



..VTE

Type		75100VTE	79100VTE	83100VTE	87100VTE	91100VTE
Max. capacity in l/hr (g/hr)		720 (160)*	1440 (320)*	2160 (480)*	2880 (640)*	3600 (800)*
Version		2	3	4	5	6
Connections*		R 3/4	R 1	R 1 1/2	R 1 1/2	R 1 1/2
Dimensions (mm)	Height	540	540	540	540	540
	Width	465	630	788	940	1100
	Depth	335	335	335	335	335
Weight (kg)		12,5	20	27,6	35	41
Replacement filter	30 µm (standard)	2 x 2020VTR	3 x 2020VTR	4x 2020VTR	5 x 2020VTR	6 x 2020VTR
	10 µm (optional)	2 x 2020VTB	3 x 2020VTB	4x 2020VTB	5 x 2020VTB	6 x 2020VTB
Replacement advice	When vacuum gauge indicates between -0.2 and -0.38 kg/cm ² , or once a year					
Certification	CE, ABYC and Germanischer Lloyd					

* When determining the required capacity it is always assumed that one filter is held in reserve. When all filters are in use, 720 l/hr (160 g/hr) can be added to the capacity!

REPLACEMENT ELEMENTS FOR SPIN-ON AND CENTRIFUGAL FILTERS

VETUS recommends having a spare fuel filter at all times. This can be done by changing over filters in a multi-filter system or by keeping a spare element on board.

Spare Spin-on filter type VT3

Comes with a 10 micron element as standard. A spare part element with a filtration of 30 micron is also available (a filter of 10 micron will filter out more dirt and will also become clogged sooner). A 30 micron element is recommended when the tank is very large, infrequently filled or the fuel used is of low quality. Filtration of 10 micron has text printed in blue and 30 micron has text printed in red.

Replacement elements for spin-on filters

Type	Description	Filter	Max. l/h
VT33EB	Replacement fuel filter element	10 micron	190
VT34EB	Replacement fuel filter element	10 micron	380
VT35EB	Replacement fuel filter element	10 micron	460
VT33ER	Replacement fuel filter element	30 micron	190
VT34ER	Replacement fuel filter element	30 micron	380
VT35ER	Replacement fuel filter element	30 micron	460



VT3..

Spare element for centrifugal filter type 2020VT

Comes with a 30 micron element as standard. Also available in 10 micron.

Note

Filtration of 10 micron has an endcap in blue and 30 micron has an endcap in red. Just choose the product code ending with a R (red) or a B (blue) for the right spare part element.

This also holds true for older VETUS filters. These are still available and can be ordered using the code on the existing filter element that is being replaced.

Replacement elements for centrifugal filters

Type	Description	Filter	Max. l/h
2020VTB	Replacement fuel filter element	10 micron	720
2020VTR	Replacement fuel filter element	30 micron	720



2020VTR

Also available in blue (10 micron).

Fuel filter hose connectors

VETUS single 'Spin-on' fuel filters are supplied as standard with Ø 10 mm straight hose connectors. In some situations different connectors may be preferred. Therefore we offer Ø 10 mm connectors with a 90° bend, as well as straight and angled Ø 8 mm connectors.

The double 'Spin-on' filters feature a R1/2 male thread connection. For these filters both straight and angled connections of Ø 8 and 10 mm are available.

Type	Suitable for	Hose Ø (mm)	Model	Thread
FFS0800	Single spin-on filters type 330VTE(P)B, 340VTE(P)B and 350VTE(P)B	8	Straight	M16 x 1.5 male
FFS0890		8	90° Angled	M16 x 1.5 male
FFS1090		10	90° Angled	M16 x 1.5 male
FFS1300		13	Straight	M16 x 1.5 male
FFD0800	Double spin-on filters type 75330VTEB, 75340VTEB and 75350VTEB	8	Straight	G1/2 female
FFD0890		8	90° Angled	G1/2 female
FFD1000		10	Straight	G1/2 female
FFD1090		10	90° Angled	G1/2 female



FFS0890



FFD0890

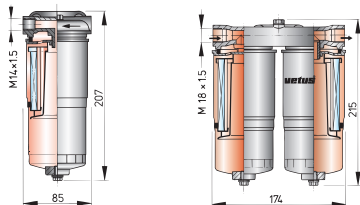
FFD0800

PETROL/DIESEL FILTERS

Type WS

Filter for both petrol and diesel

Type WS180 and WS720 comply with the fire resistance test according to ISO 10088. These filters must be installed in a vertical position as close to the fuel tank as possible.



WS180



WS720

Type		WS180	WS720
Max. capacity in l/hr (g/hr)		180 (40)	720 (160)
Recommended capacity in l/hr (g/hr)		110 (24)	440 (97)
Connections	Thread	M14 x 1.5	M18 x 1.5
	Fittings	8 mm hose barb	15 mm compression fitting
Dimensions (mm)	Height	207	215
	Width	85	174
	Depth	85	85
Weight (kg)		0.7	1.5
Replacement filter	40 µm	WS180FE	2 x WS180FE
Replacement advice		After 200 service hours or annually	
Certification		Fire resistant ISO 10088	

Petrol fuel filter

Designed for use with outboard engines

Type 320VTNEB (Spin-on)

Type 320VTNEB is designed for use with outboard engines, but can also be used as a pre-filter for inboard engines. It fits petrol engines with a maximum of 500 hp.

Type		320VTNEB
Max. capacity in l/hr (g/hr)		120 (26)
Hose connections (mm)		10
Dimensions (mm)	Height	195
	Width	116
	Depth	116
Weight (kg)		1.3
Replacement filter	10 µm	VTN32EB
Replacement advice		After 200 service hours or at least once a year
Certification		Fire resistant ISO 10088



320VTNEB

FUEL SPLASH-STOP

Overflowing fuel or foam collector

Type FSA

The fuel Splash-stop is connected right under the deck filler plate to ensure that overflowing fuel or foam cannot flood onto the deck. The excess diesel* or petrol fuel is collected in a parallel hose which functions as a reservoir, returning the fuel back into tank.

The capacity of the reservoir is determined by the length and diameter of the hose (see 3 types below). Always choose the largest reservoir possible, with a maximum of 2,2 litres. The housing and hose connection are made of anodized aluminium. The fill and vent lines, hose clamps and a matching stainless steel (AISI 316) deck entry should be ordered separately. The fuel Splash-Stop meets all the latest CE (ISO 10088) and ABYC standards.



FSA

FSA3816

- Suitable for Ø 38 mm hose and 16 mm breather line. The capacity of Ø 38 mm hose is 1,1 ltr p/mtr.

FSA5116

- Suitable for Ø 51 mm hose and 16 mm breather line. The capacity of Ø 51 mm hose is 2 ltr p/mtr.

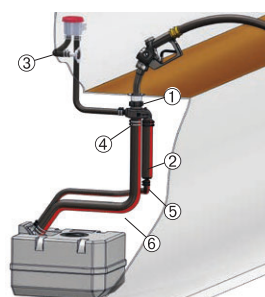
FSA5119

- Suitable for Ø 51 mm hose and 19 mm breather line. The capacity of Ø 51 mm hose is 2 ltr p/mtr.

Type	L x W x H (mm)	Hose Ø (mm)	Breather Ø (mm)	Capacity (ltr p/mtr)
FSA3816	146 x 86 x 121	38	16	1,1
FSA5116	146 x 86 x 121	51	16	2
FSA5119	146 x 86 x 121	51	19	2

* Note

A no-smell filter (for diesel only) can be fitted in the tank breather line to prevent unpleasant smells. If the filter is located well above the deck entry, the breather line may exit lower than the deck level if required. To prevent expensive fuel theft, we recommend placing a FUELSAFE (see page 134) into the Splash-Stop.



1. Deck entry
2. Reservoir / overflow hose and breather line
3. Tank breather line to outside
4. Splash-Stop
5. Hose connection
6. Fuel filling hose

Type FS

FS3816

- Deck entry Ø 38 mm
- Filler hose connection Ø 38/51 mm
- Breather connection Ø 16 mm

FS5125

- Deck entry Ø 51 mm
- Filler hose connection Ø 51 mm
- Breather connection Ø 25 mm

FS5116

- Deck entry Ø 51 mm
- Filler hose connection Ø 38/51 mm
- Breather connection Ø 16 mm

Note

For use outside the engine room only!



FS

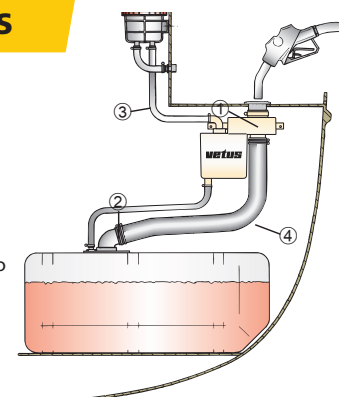
Type	L x W x H (mm)	Hose Ø (mm)	Breather (mm)	Deck entry Ø (mm)
FS3816	250 x 120 x 215	38 / 51	16	38
FS5116	250 x 120 x 215	38 / 51	16	51
FS5125	250 x 120 x 215	51	25	51

VETUS Splash-Stop model FS is directly connected to a deck entry plate (1), with a diameter of 38 or 51 mm (optional equipment).

It ensures that overflowing diesel fuel or foam will not come out of the deck entry - soiling your deck and polluting the water, but will be neatly caught inside the reservoir (with a capacity of approx. 2 litres). Excessive fuel will flow back into the main tank through connection (2).

This connection also serves as the necessary tank ventilation. The breather line to outside is to be installed to connection (3).

A VETUS diesel smell filter may be installed into this breather line as well. If the diesel smell filter is positioned well above the deck, the breather line may exit below the deck level, if so required. FS is supplied with connections for Ø 38 mm or for Ø 51 mm fuel filling hose (4).



RIGID TANKS FOR DIESEL FUEL

Basic tank type ATANK

Multiple purposes - material ideal for waste water, drinking water and diesel

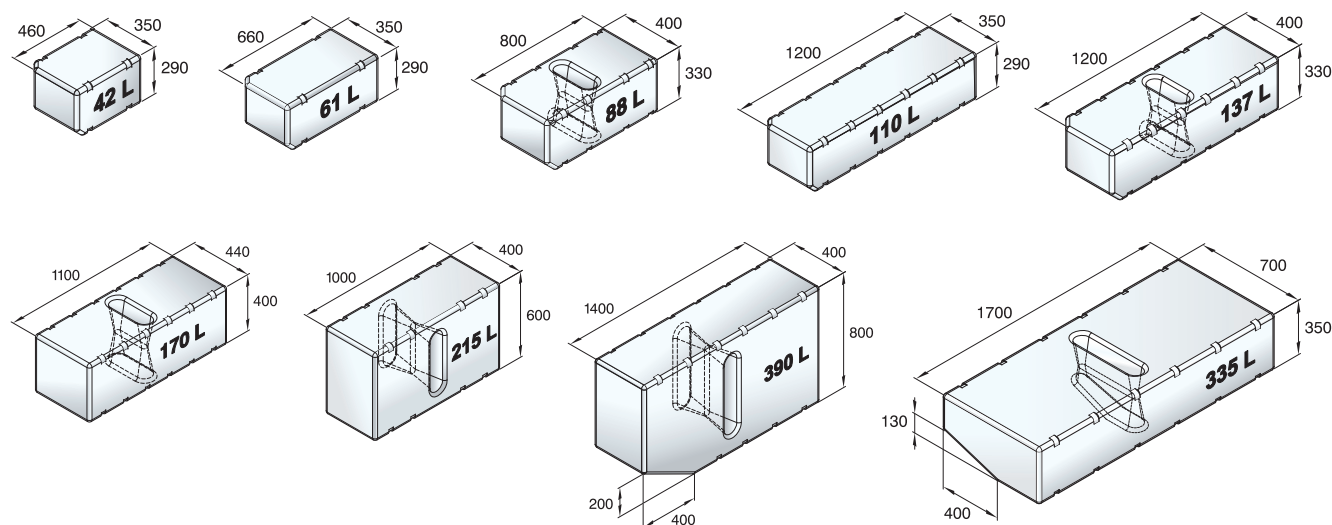
These tanks are made of thick walled high-grade polyethylene which is both rust free and less prone to condensation compared with metal tanks. Due to the seamless construction of the tanks, leakage is impossible. Fittings can be installed wherever you choose and can be ordered separately.

Tanks are supplied with diesel, fresh water and waste water labels.

Specifications

- Tanks are in accordance within the ISO 21487 standard when inspection lid ILT (see page 132) is installed and the supplied diesel sticker is used
- Available in 42, 61, 88, 110, 137, 170, 215, 335 and 390 litres
- Wall thickness 7 mm
- Colour Light blue translucent
- Suitable for diesel (up to 100°C)

For dimensions and types see details below.



Dimensions: plus or minus 2%



ATANK

Type	Suitable for	Capacity
ATANK42	Diesel, drinking water and waste water	42
ATANK61	Diesel, drinking water and waste water	61
ATANK88 *	Diesel, drinking water and waste water	88
ATANK110	Diesel, drinking water and waste water	110
ATANK137 *	Diesel, drinking water and waste water	137
ATANK170 *	Diesel, drinking water and waste water	170
ATANK215 *	Diesel, drinking water and waste water	215
ATANK335 *	Diesel, drinking water and waste water	335
ATANK390 *	Diesel, drinking water and waste water	390

*Provided with a baffle as a standard construction element

RIGID TANKS FOR DIESEL FUEL

Tank with connectors type FTANKA/B

Designed for diesel fuel

This range of rigid VETUS tanks is made of high-grade polyethylene. The centre point for a SAE flange gauge sender is incorporated (except FTANK25) together with 5 blind bolt holes. The gauge sender should be ordered separately. Tanks are in accordance with the ISO 21487 standard.

Each tank is supplied with the following connections

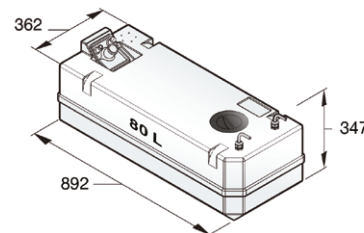
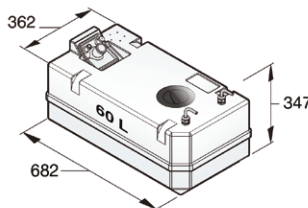
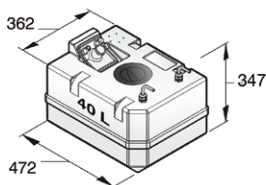
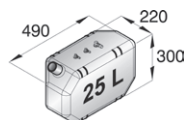
- Fixed hose connector Ø 38 mm (Ø 51 mm for FTANK25) for filling and 16 mm for breather line
- Rotating hose connector Ø 8 mm (type A + FTANK25) or 10 mm (type B) with pick-up pipe for suction
- Rotating hose connector Ø 8 mm (type A + FTANK25) or 10 mm (type B) for fuel-return



FTANK..A

FTANK..B

Type	Description	Capacity
FTANK25	Synthetic diesel fuel tank	25
FTANK40A	Synthetic diesel fuel tank	40
FTANK60A	Synthetic diesel fuel tank	60
FTANK80A	Synthetic diesel fuel tank	80
FTANK40B	Synthetic diesel fuel tank	40
FTANK60B	Synthetic diesel fuel tank	60
FTANK80B	Synthetic diesel fuel tank	80



Dimensions: plus or minus 2%. Height dimensions includes connectors.

APT100 - One tank for all purposes

Fresh water, waste water or diesel: this tank can handle it

A new series of all-purpose tanks is introduced by VETUS: meet the APT100. Made from high-grade polyethylene, this large capacity tank handles almost any liquid you would like to store on your boat. It features an inspection lid and is ready for the appropriate ILT connection kit. On the bottom is a 38 mm connection that can be drilled out for interconnection purpose or draining. The robust appearance and the all-new design make this the tank to have.

Due to the large inspection hole (140 mm) the tank meets ISO 21487 when it comes to fuel directives. Depending on the purpose you have for this tank, an appropriate connection set is available from VETUS. The tank is easy to install and has enough capacity for longer boat trips.

Specifications

- All-purpose 100 litre tank, suitable for fresh water, waste water or diesel
- Made from high-grade polyethylene
- Large inspection port to meet ISO21487 requirements
- 38 mm connection (to drill open) for interconnection purpose or draining
- ILT-concept ready



Typ	Tank capacity (ltr)	Dimensions (mm)	Wall thickness (mm)	Ø Bottom connection (mm)
APT100	100	1010 x 390 x 315	8	38

APT100

CONNECTION KIT FOR RIGID TANKS

Type FTL....B

Saves considerable installation time

This connection kit has an anodized, salt water resistant aluminium lid with a counter flange and a rubber seal which is tightened very easily with just 3 bolts compressing the rubber seal to ensure a perfect seal. The set contains all the required connections, only 1 single hole with a diameter of 114 mm needs to be cut in the top of the fuel tank. This connection kit is suitable for plastic, metal or GRP diesel or petrol fuel tanks.



FTL38..B

FTL51..B

The following connections are supplied

- Hose connection for filling Ø 38 or 51 mm and a 16 mm tank ventilation connection
- Fuel suction pipe according to model selected
 - Ø 8 mm, max. tank depth 440 mm
 - Ø 10 mm, max. tank depth 850 mm
 - Ø 15 mm, max. tank depth 970 mm
- Fuel return for Ø 8, 10 or 15 mm hose
- Mounting flange for tank level sensors (connection is suitable for sensors with a 5-hole SAE flange)
- Terminal tag 6,3 mm for ground wire
- 2 Mounting straps to secure tank

Type	Filler (mm)	Supply/return Ø (mm)	Vent (mm)
FTL3808B	38	8	16
FTL3810B	38	10	16
FTL3815B	38	15	16

Type	Filler (mm)	Supply/return Ø (mm)	Vent (mm)
FTL5108B	51	8	16
FTL5110B	51	10	16
FTL5115B	51	15	16



CONNECTION KIT FOR RIGID TANKS

Type FTLDB

For installation of twin tanks

With this interconnection kit 2 VETUS fuel tanks can be connected. The lid of this set has 2 connections of 16 mm for tank ventilation. 2 Brass skin fitting (G3/4) and a coupling are supplied to connect the tanks. Including 2 mounting strips to secure the tank.

Type	Description
FTLDB	Connection kit for 2 fuel tanks



FTLDB

Universal inspection port for tanks type ILT120

Innovative inspection port with robust design

The VETUS ILT is an innovative inspection port which facilitates easy opening, inspecting and cleaning the tank, even after being closed for a long time. The inspection port has a counter flange and a rubber seal which are inserted into a Ø 159 mm hole in the tank. All that needs to be done is tighten the 4 supplied bolts which compresses the rubber seal to ensure perfect sealing.

The "clamp and seal" design simplifies installation, making the drilling of a Ø 159 mm hole the hardest part in the installation!

The black blind plate can be replaced by various connection kits.



ILT120

Fuel connection kit type ILTCONF38

This fuel connection disc will take care of all fuel related connections

- Ø 38 mm fuel fill connection
- Ø 8 / 10 mm fuel suction connection
- Ø 8 / 10 mm fuel return connection
- Ventilation connection Ø 16 mm
- 5 hole SAE flange tank level sensor connection
- Ø 8 mm suction connection for marine diesel heaters

Type	Description	Diameter (mm)	Diameter hole (mm)
ILT120	Inspection port with counter flange	120	159
VSAW159	Ø 159 mm hole saw for plastic, G.R.P. or metal tanks		159
ILTCONF38	Fuel connection kit		



ILTCONF38

NO-SMELL FILTERS

No-smell filters for diesel tanks type NSFD/S

Remedy for escaping diesel fuel odours

With these filters diesel fuel smells can no longer escape through the breather line which is required for all fuel tanks on boats. The no-smell filters are easy to install and contain activated carbon material to absorb odours. To avoid diesel fuel and froth entering the filter housing and its element, it is imperative to install in combination with a Splash-Stop (page 128). A VETUS no-smell filter should not be used for petrol tanks.

Specifications

- Model NSFD: l 148 x w 150 x h 162 mm
- Suitable for Ø 16, 19 or 25 mm connectors
- Model NSFDS: l 107 x w 111 x h 111 mm
- Only suitable for Ø 16 mm breather hose

Please note

The filter element is replaceable. Replacement can be done with traditional carbon filters or with the improved solution: the dual function filter canister type NSFCAN. It should be renewed once a year.



NSF.D

NSF16DS



Type	Description	L x W x H (mm)	Hose Ø (mm)
NSF16D	Large no-smell filter	148 x 150 x 162	16
NSF19D	Large no-smell filter	148 x 150 x 162	19
NSF25D	Large no-smell filter	148 x 150 x 162	25
NSF16DS	Small no-smell filter	107 x 111 x 111	16
NSF16FES	Spare filter element for small no-smell filters		
NSF16FE	Spare filter element for large no-smell filters		

No-smell filters element type NSFCAN

Revolutionary dual function

Type NSFCAN is a pre-filled canister with a measured quantity of activated carbon and special gel granules. The combination of gel granules and carbon provides a perfect dual function. Traditional carbon filters often lose efficiency due to humidity and condensation. The gel granules in this filter absorb the moisture which cause the efficiency loss and also ensure significantly less air borne moisture allowed into the fuel tank.

Specifications

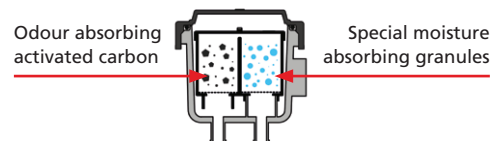
- Suitable for new and existing VETUS no-smell filters type NSFD
- Transparent cover so you can easily see when the special gel is saturated and replacement of the canister is necessary
- The filters reduce the risk of mould and 'diesel bug' in the tank (moisture in diesel fuel can be a perfect breeding ground for mould and bacteria)
- The smaller version type NSFCANS can be used with no-smell filter NSF16DS



NSFCAN

NSFCANS

Type	Description
NSFCAN	Dual function no-smell filter canister for type NSF filters
NSFCANS	Dual function no-smell filter canister for type NSF_S filters



ACCESSORIES

Type VSAW

Type	Description
VSAW114	Ø 114 hole saw for plastic, G.R.P. or metal tanks
VSAW159	Ø 159 hole saw for plastic, G.R.P. or metal tanks

VSAW114

VSAW159



FUELSAFE

No more fuel pumped out of the tank

Type FUELSAFE is made of petrol and diesel resistant synthetic material. No dismantling is required which makes installation of this safety device very simple. The plastic packaging sleeve can be used to insert the device.

Specifications

- Dimensions Ø 55 x 72 mm
- Suitable for hoses with internal diameters of Ø 38 mm (1½") and 51 mm (2")

Type	Description
FUELSAFE	Fuel theft security device



FUELSAFE

Fuel hose

For transportation of petrol and diesel fuels

Type FUHOSEA

The inside is made of NBR rubber and the outside is CR rubber. This hose can also be used as a ventilation line. Available as quality type A1, which means that these fuel hoses have been successfully subjected to a fire test for 2,5 minutes and have a maximum permeability of 100 grams/m²/ 24 hour.

Meets the CE standard: ISO 7840 marine fuel A1

For a complete overview of hoses see page 404.



FUHOSEA

Type FUHA115

Especially suitable for use with petrol because of its low permeability of 15 grams/m²/ 24 hour.

Meets the highest CE standard: ISO 7840 marine fuel A1-15

For a complete overview of hoses see page 404.



FUHA115

Fuel filling hose

Extremely flexible!

This type of hose, made of NBR rubber with spiralled steel inlay, is suitable for petrol and diesel fuels. Type FFHOSE meets requirements of SAE J 1527 and the standard ISO 7840 marine fuel A2 and is resistant to temperatures of -30° and up to 100°C.

For a complete overview of hoses see page 404.



FFHOSE