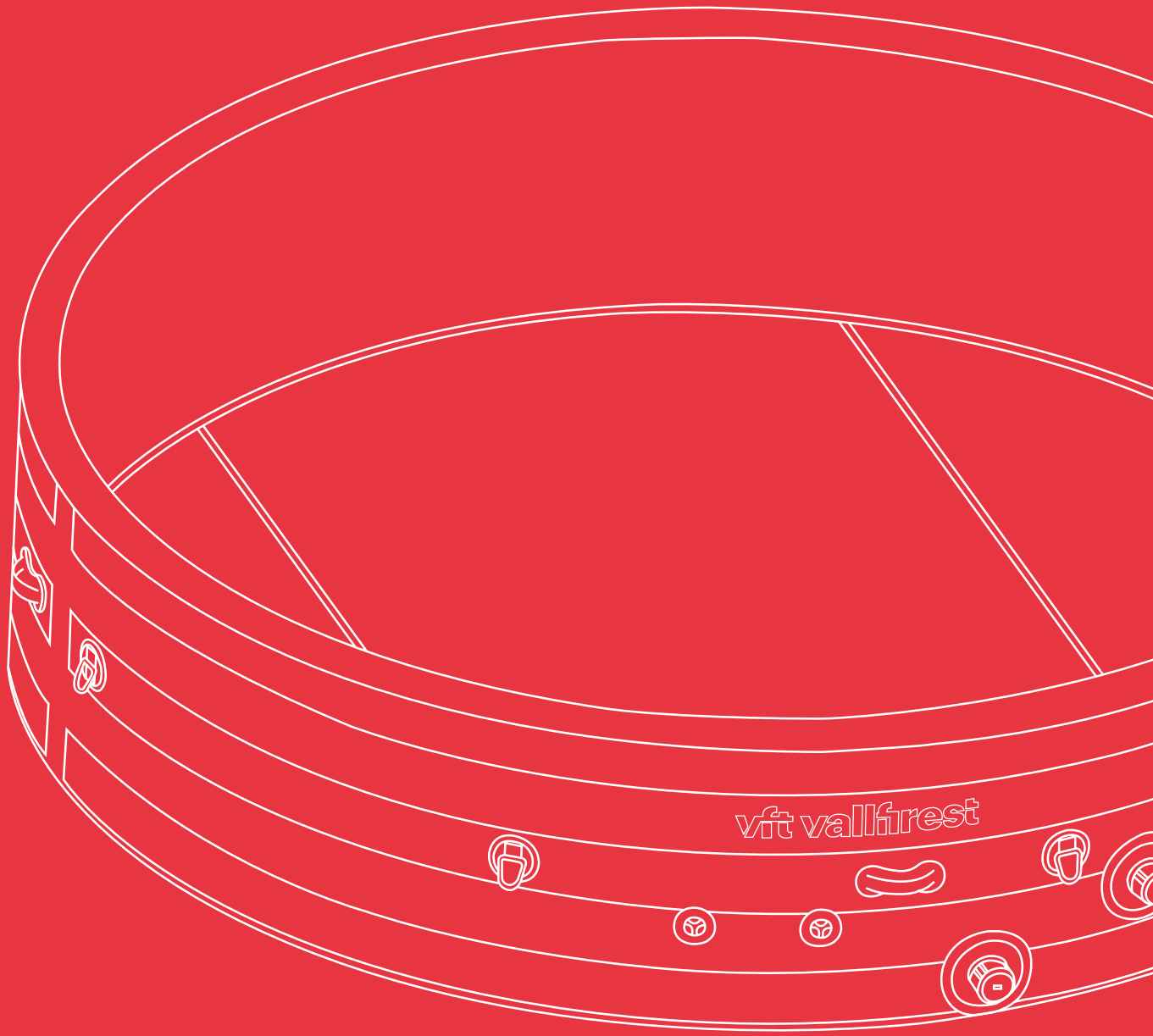
Inflatable Tank



Ed. 20260827

Inflatable Tanks

High-capacity tanks, quick and easy to assemble / up to 56,000 L (14.800 gal)

Vallfirest inflatable tanks are a commitment to improving logistics in the creation of remote water points. They exponentially reduce the time and complexity of assembly compared to traditional metal frame tanks and offer more efficient features than floating collar tanks.







1. Configurations

Technical specifications	3.000 L | 790 gal	7.000 L | 1.850 gal	12.000 L | 3.170 gal	25.000 L | 6.600 gal	56.000 L | 14.800 gal
Reference	DED5705-20003	DED5705-30007	DED5705-30012	DED5705-30025	DED5705-30056
Diameter	2 m | 6.5 ft	3 m | 9.8 ft	4 m | 13 ft	4 m | 13 ft	6 m | 20 ft
Height	1 m | 3.3 ft	1 m | 3.3 ft	1 m | 3.3 ft	2 m | 6.5 ft	2 m | 6.5 ft
Thickness	10 cm | 4 in	10 cm | 4 in	10 cm | 4 in	10 cm | 4 in	10 cm | 4 in
Usable Height	90 cm | 35,4 in	90 cm | 35,4 in	90 cm | 35,4 in	1,8 m | 70,9 in	1,8 m | 70,9 in
Usable Capacity	2.827 L | 747 gal	6.360 L | 1.680 gal	11.310 L | 2.988 gal	22.620 L | 5.976 gal	50.930 L | 13.454 gal
Weight	31 kg | 68 lbs	43 Kg | 95 lbs	78 Kg | 171 lbs	105,5 Kg | 232 lbs	173,5 Kg | 382 lbs
Folded diomensions	90 x 35 x 35 cm | 35 x 14 x 14 in	90 x 45 x 45 cm | 35 x 18 x 18 in	120 x 63 x 63 cm | 47 x 25 x 25 in	160 x 70 x 70 cm | 63 x 27 x 27 in	170 x 113 x 90 cm | 67 x 44 x 35 in
Inflation time	1 min	1 min.	2 min.	3 min.	4 min.
Connections	Two 2" threaded connections *	Two 3" threaded connections **			
Material	PVC 2.600 g / m2				
Color	Orange				
Bottom	Double layer, blue layer				

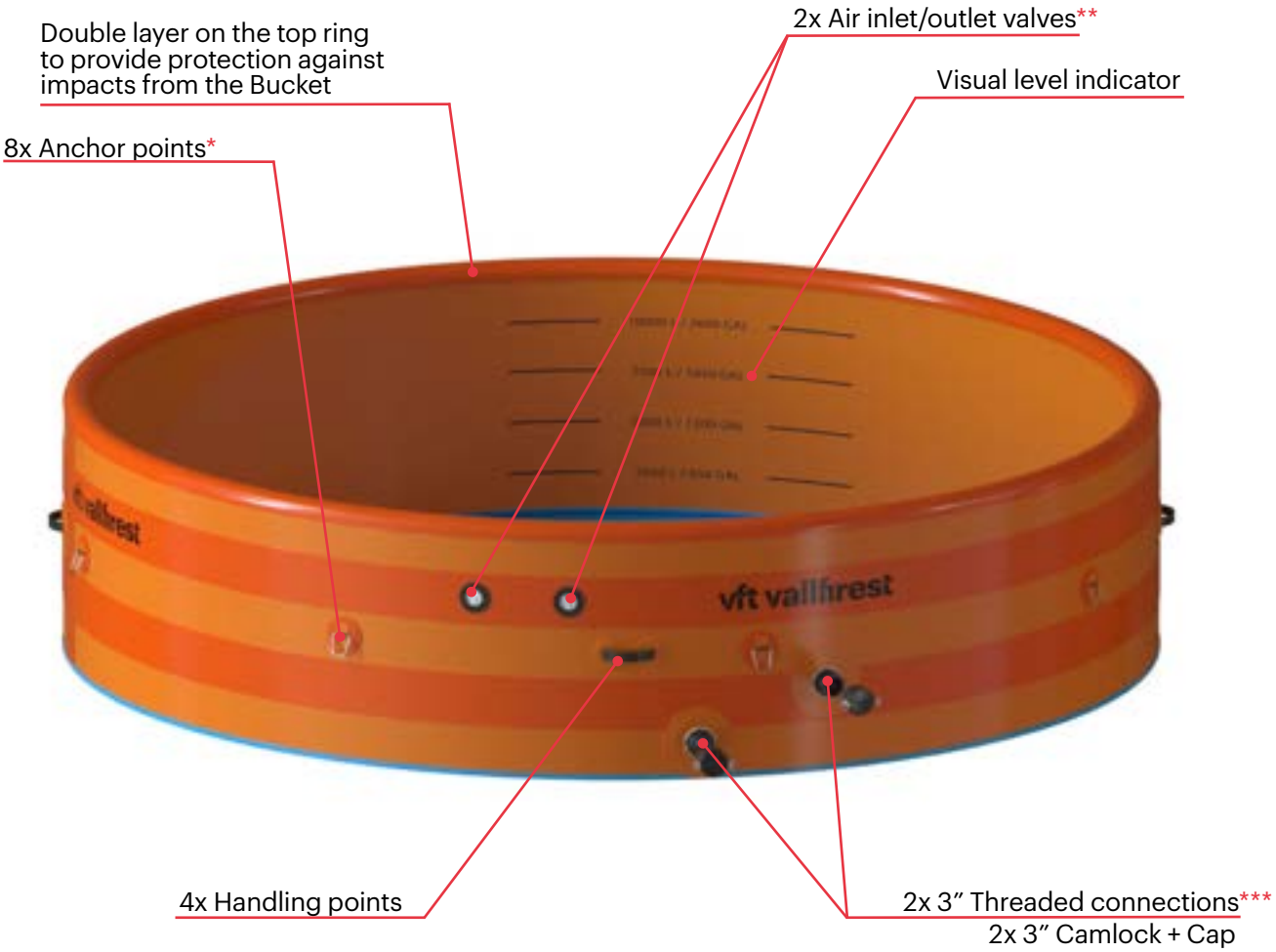
* Two 2" Camlocks + cap included

** Two 3" Camlocks + cap included

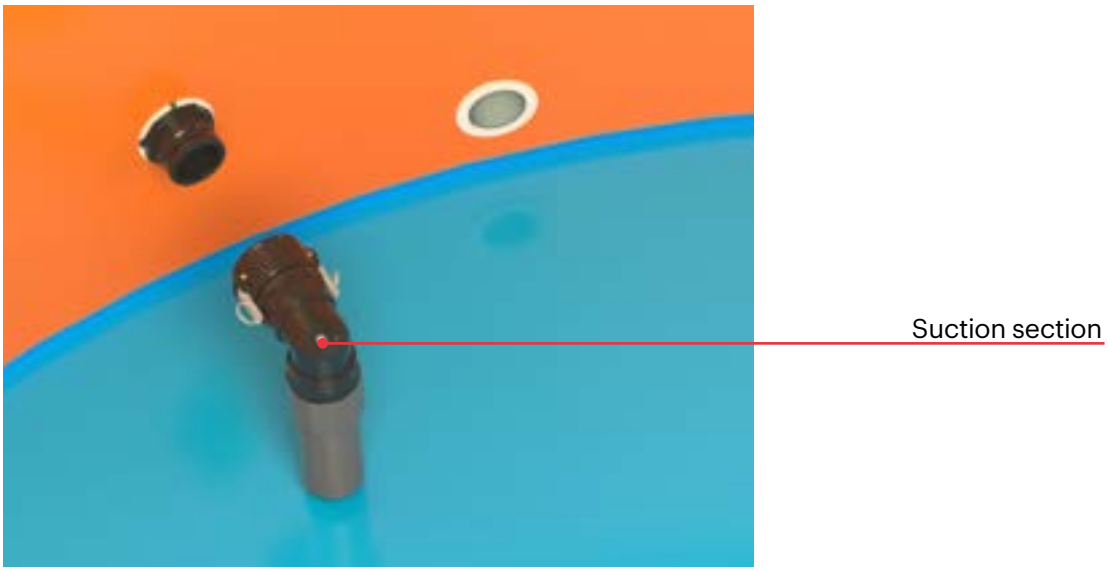
2. Tank configuration

2.1 3.000, 7.000 and 12.000 L (790, 1.850 and 3.170 gal) Tanks

Tank exterior



Tank interior



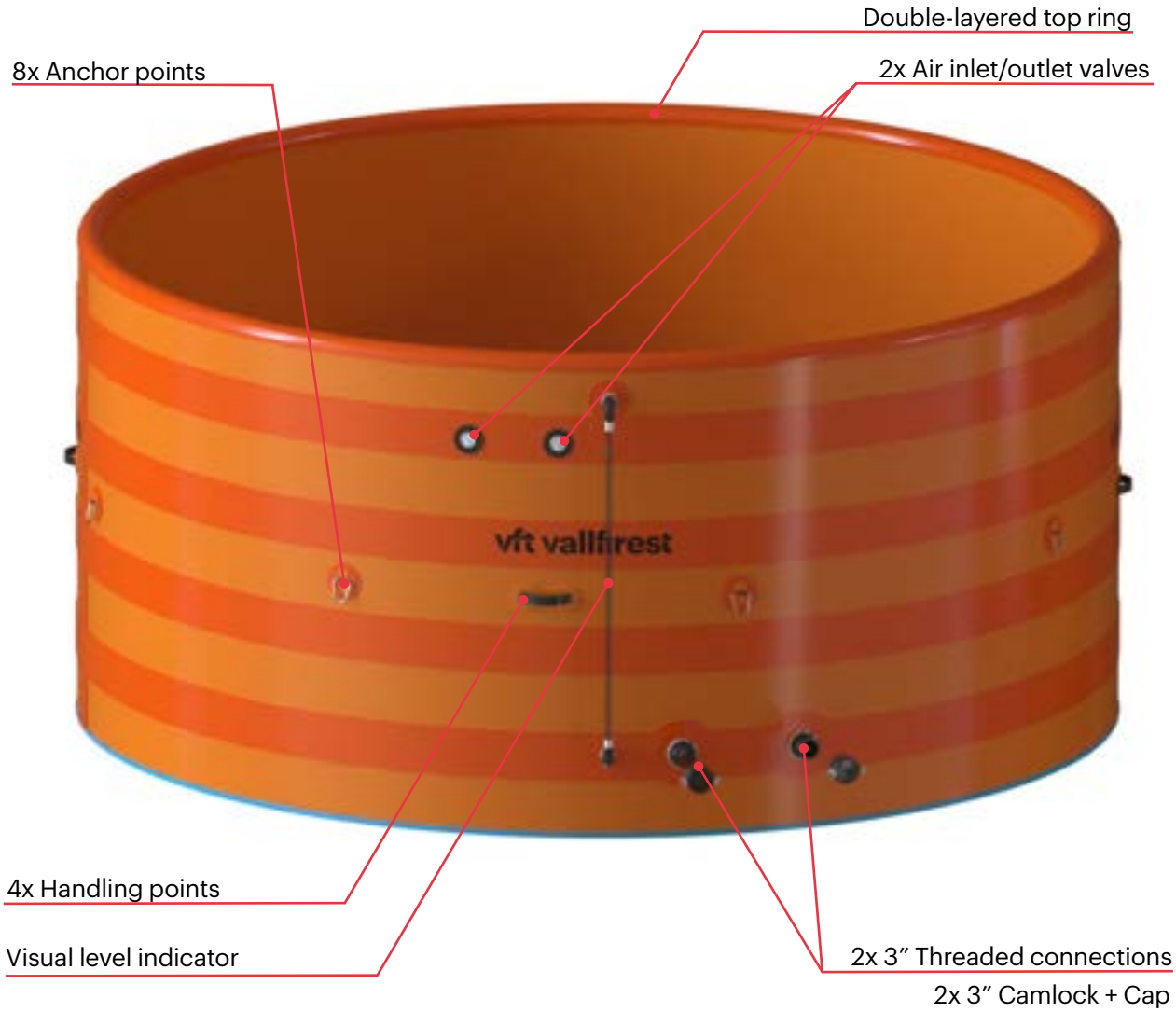
* 5 anchor points in 3.000 L (790 gal) tanks and 6 anchor points in 7.000 L (1850 gal) tanks.

** 1 Air valve in 3.000 L (790 gal) tanks.

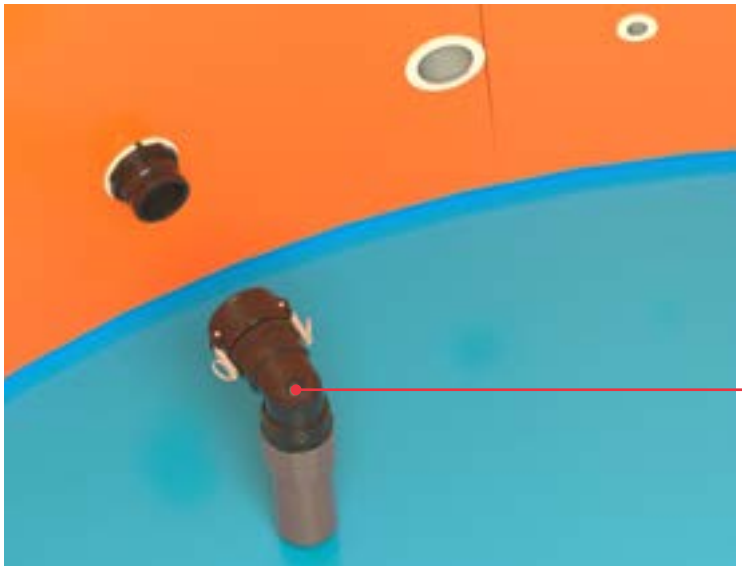
*** 2" in 3.000 L (790 gal) tanks.

2.2 25.000 and 56.000 L (6.600 and 14.800 gal) Tanks

Tank exterior



Tank interior



3. Included components

3.1 Repair kit

Two complete kits for tank repair and maintenance are included.



PARTS INCLUDED IN EACH KIT:

- 1x Teflon tape
- 2x Nautical adhesive for PVC
- 2x Orange PVC patches
- 1x Air valve cap
- 1x Valve tool

* 3.000 L tanks only include one repair kit.

3.2 Anchoring kit

Kit to anchor the tank to the ground.

PARTS INCLUDED IN THE KIT:

	3.000 L	7.000 L	12.000 L	25.000 L	56.000 L
Straps	5u	6u	8u	8u	8u
Stakes	13u	14u	16u	16u	16u
Carabiners	10u	12u	16u	16u	16u
Hammer	1u	1u	1u	1u	1u



3.3 Blowers

Two air blowers are included to inflate and deflate the tank through the inflation valves.



TECHNICAL SPECIFICATIONS OF THE EUROPEAN VERSION:

- Power: 1200 W
- Electrical plug TYPE C
- Voltage AC 220-240 V

TECHNICAL SPECIFICATIONS OF THE AMERICAN VERSION:

- Power: 1200 W
- Electrical plug TYPE A
- Voltage AC 110-120 V

* 3.000 L tanks only include one air blower.

3.4 Portable DeWalt blower with battery

DeWalt DCC018N blower, compact and portable, for inflating the tank with a cordless power source. Each blower includes one 18 V DeWalt XR battery.



TECHNICAL DATA:

- Maximum pressure: 11 bar | 160 psi
- Power: 150 W
- Voltage: 18 V
- Weight: 2,3 Kg | 5 lbs
- Includes adapter and extension line.
- Quantity per tank: 25.000 and 56.000L (6.600 and 14.800gal) - 2 units, 7.000 y 12.000L (1.850 y 3.170gal) - 1 unit.

* 3.000 L tanks do not include a battery-powered inflator.

3.5 DeWalt Battery Charger

Fast charger for 18V DeWalt batteries, compatible with the portable blower.



TECHNICAL DATA:

- Charging time: 64 minutes.
- One unit per tank.
- Electrical plug TYPE C
- Voltage AC 220-240 V

* 3.000 L tanks do not include a battery charger.

3.6 Square base

Double-layer PVC square base to protect the tank from hostile elements on the ground.



TECHNICAL DATA:
- Dimensions for 3,000 L (790 gal) tanks: 3 x 3 m
- Dimensions for 7,000 L (1.850 gal) tanks: 4 x 4 m
- Dimensions for 12,000 and 25,000 L (3.170 and 6.600 gal) tanks: 5 x 5 m
- Dimensions for 56,000 L (14.800 gal) tanks: 7 x 7 m

3.7 Carrying bag

PVC carrying bag equipped with a strap system to facilitate handling and transport.



TECHNICAL DATA:
- Zipper closure.
- Handle system for easy carrying.
- Includes a small bag for transporting accessories.

3.8 Pressure Gauge

Gauge for measuring tank pressure. Measurement ranges form 0 to 2 bar and 0 to 30 Psi.



TECHNICAL DATA:
- Easy to read analogic display.
- Compatible connection with tank air valves.

3.9 Camlock cover bag

Camlock cover bag designed to protect the tank from abrasion and accidental damage.



TECHNICAL DATA:
- Durable material.
- Elastic band to ensure a secure attachment to the Camlock.
- 3 units included.

4. Optional accessories

4.1 Reducers and adapters for the tank

Camlock reducers

· **Camlock reducer F 3" x M 2"**

DVD5705-20002

· **Camlock reducer F 3" x M 1-1/2"**

DVD5705-20003

· **Camlock reducer F 2" x M 1-1/2"**

DVD5705-20005



Storz reducers

· **Storz Reducer - 75-B x 52-C**

DED5910-00003



Camlock- Storz adapters

· **Adapter Camlock F 3" - Storz 75-B**

DVD5705-20001

· **Adapter Camlock H 2" - Storz 52-C**

DVD5705-20004



4.2 Valves

3" valves

· **M 3" Camlock valve**

DVD5705-10001

TECHNICAL DATA:
· Maximum working pressure: 9 bar | 130 psi
· Weight: 4,7 Kg | 10,3 lbs



· **Storz 75-B valve**

DVD5705-10002

TECHNICAL DATA:
· Maximum working pressure: 9 bar | 130 psi
· Weight: 5 Kg | 11 lbs



2" valves

· **M 2" Camlock valve**

DVD5705-10003

TECHNICAL DATA:
· Maximum working pressure: 9 bar | 130 psi
· weight: 1,5 Kg | 3,3 lbs

· **Storz 52-C valve**

DVD5705-10004

TECHNICAL DATA:
· Maximum working pressure: 9 bar | 130 psi
· Weight: 1,6 Kg | 3,5 lbs

4.3 Tank-to-pump connection hoses

· DN50 hose Camlock F2”

DVD5705-30001

Yellow spiral hose made of flexible PVC with a rigid transparent PVC spiral.
Includes two 2” female Camlocks for pumps with 2” suction.

TECHNICAL DATA:

· Length: 5m
· Hose diameter: DN50 (2”)
· Weight: 5,5 Kg | 12,1 lbs



· DN40 hose Camlock F 1-1/2”

DVD5705-30002

Yellow spiral hose made of flexible PVC with a rigid transparent PVC spiral. Includes two 1 1/2” female Camlocks for pumps with 1 1/2” suction.

TECHNICAL DATA:

· Length: 5m
· Hose diameter: DN40 (1 1/2”)
· Weight: 4 Kg | 8,8 lbs



4.4 Adaptadores para la bomba

· Pump adapter Camlock M 2” - NPSH 2”

DVD5705-40001



· Pump adapter Camlock M 2” - Storz 52-C

DVD5705-40002

· Pump adapter Camlock M 1-1/2” - NPSH 1-1/2”

DVD5705-40003

· Pump adapter Camlock M 1-1/2” - Storz 52-C

DVD5705-40004



DISCLAIMER

• Images are for illustrative purposes only and may differ from the supplied product.

5 Accessory compatibility





DVD5705-10001*



DVD5705-10002*



DVD5705-20001



DVD5705-20003*



DVD5705-20002



DED5910-00003



DVD5705-30002



DVD5705-30001



DVD5705-40002



DVD5705-40001



DVD5705-40004



DVD5705-40003

BH1



Pumps with 1 1/2" suction



BH4



BP4

Pumps with 2" suction

* Available in 2" for 3000 L tanks

Pumps with 1 1/2" suction | Pumps with 2" suction | Generic accessories

Do you have any questions?

Contact us: clientes@vallfirest.com
T. +34 938 678 779