

# MEDICAL DEVICES

## Volumat Lines

ADMINISTRATION SETS CATALOGUE  
FOR VOLUMAT AGILIA RANGE



DEHP  
FREE



**FRESENIUS  
KABI**

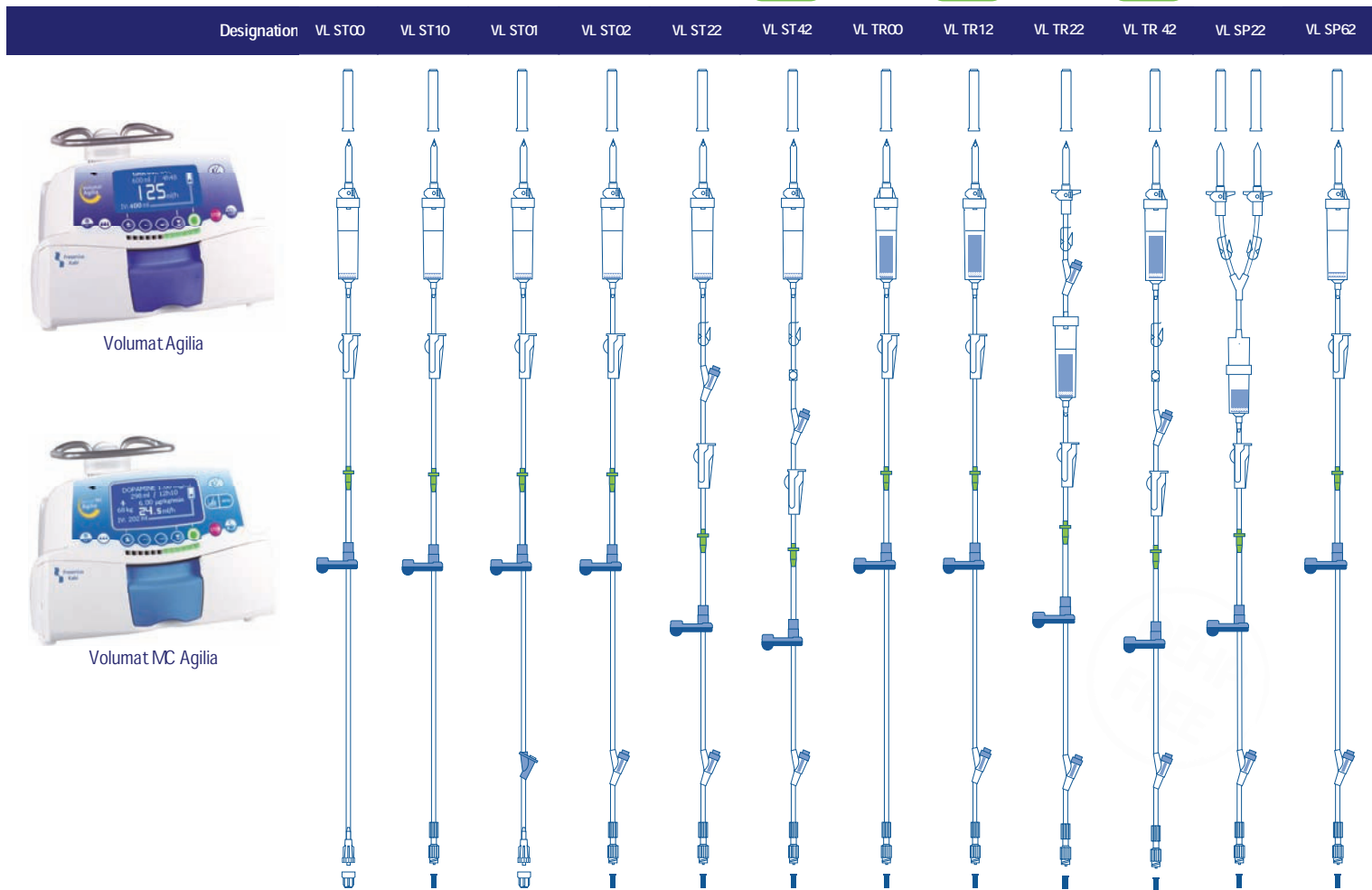
caring for life

# Administration sets for Volumat Agilia Range

NEW

NEW

NEW



	Designation	VL ST00	VL ST10	VL ST01	VL ST02	VL ST22	VL ST42	VL TR00	VL TR12	VL TR22	VL TR 42	VL SP22	VL SP62
APPLICATION		Infusion	Infusion	Infusion	Infusion	Infusion	Infusion	Transfusion	Transfusion	Transfusion	Transfusion	Transfusion	Infusion
Vented spike & cap		■	■	■	■	■	■		■	■	■	■	■
Non-vented spike & cap								■					
Upstream drip chamber		■	■	■	■	■	■	■					■
Inline drip chamber										■		■	
Filter		15µ	15µ	15µ	15µ	15µ	15µ	200µ	200µ	200µ	200µ	200µ	15µ
Anti-bacterial and air eliminating filter													
One-way check valve							■				■		
Roller clamp		■	■	■	■	■	■	■	■	■	■	■	■
Upstream robsion clamp						■	■			■	■	■	■
Upstream tubing Ø3x4.1mm (DEHP-free PVC)		~90cm	~90cm	~90cm	~90cm	~20+70cm	~35+60cm	~90cm	~90cm	~20+70cm	~30+60cm	~(2x15)+5+70cm	
Other upstream tubing													~90cm PUR
Calibrated silicone pumping segment		■	■	■	■	■	■	■	■	■	■	■	■
Blue SafeClip: anti-free flow safety clamp		■	■	■	■	■	■	■	■	■	■	■	■
Downstream tubing Ø3x4.1mm (DEHP-free PVC)		~165cm	~165cm	~145+20cm	~145+20cm	~145+20cm	~145+20cm	~165cm	~145+20cm	~145+20cm	~145+20cm	~145+20cm	
Other downstream tubing													~145+20cm PP,PUR
Injection site (latex-free)				■									
Needle-free access					■	■	■		■	■	■	■	■
150ml burette													
Male luer lock		■	■ (rotating)	■	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■
Protector cap		std	stopflow	std	stopflow	stopflow	stopflow	stopflow	stopflow	stopflow	stopflow	stopflow	stopflow
Main material		PVC	PVC	PVC	PVC	PVC	PVC	PVC	PVC	PVC	PVC	PVC	PVC-free
Approximate length		~270cm	~270cm	~270cm	~270cm	~270cm	~275cm	~270cm	~270cm	~270cm	~275cm	~270cm	~270cm
Priming volume		~25ml	~25ml	~25ml	~25ml	~25ml	~22ml	~25ml	~25ml	~25ml	~25ml	~30ml	~25ml
Case quantity		70	30	30	30	30	30	30	30	30	30	30	30
Article reference		M4644100C	M4644130D	M4644160D	M4644190D	M4644250D	M4644280D	M4644280D	M4644270D	M4644300D	M4644290D	M4644310D	M4644340D

Due to our policy of continuous product improvements as well as changes in standards, the features described in this documents may change. Please consult us for the current situation.

NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW	NEW
VL SP9D	VL SP9E	VL PN00	VL PN02	VL PN20	VL ON10	VL ON20	VL ON30	VL ON42	VL ON70	VL ON72	VL ON90	VL PA02	VL PA92	
Infusion	Infusion	Infusion	Infusion	Infusion	Infusion	Infusion	Infusion	Infusion	Infusion	Infusion	Infusion	Infusion	Infusion	
■	■	■	■	■	■	■	■	■	■	■	■	■	■	
		■	■								■	■	■	
15µ	15µ	15µ	15µ	15µ	15µ	15µ	15µ	15µ	15µ	15µ	15µ	15µ	15µ	
		1.2µ	1.2µ						0.2µ positively charged	0.2µ positively charged				
■	■	■	■	■	■	■	■	■	■	■	■	■	■	
■	■	■	■	■	■	■	■	■	■	■	■	■	■	
~90cm PUR	~90cm PUR	~90cm	~90cm	~15+70cm	30+50cm	35+50cm	40+50cm		~45+70cm PUR	~90cm PUR	~90cm PUR	~90cm opaque PUR	~50cm	
■	■	■	■	■	■	■	■	■	■	■	■	■	■	
■	■	■	■	■	■	■	■	■	■	■	■	■	■	
~160cm PUR	~145+20cm PUR	~145+20cm	~150+20cm	~165cm	~165+30cm	~165+30cm	~165+30cm						~165cm	
									~165cm PP	~145+20cm PP	~145+20cm PP	~165cm opaque PUR	~70+20cm int Ø2.0 PVC	
									■	■	■	■	■	
■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	■ (rotating)	
stopflow	stopflow	stopflow	stopflow	stopflow	stopflow	stopflow	stopflow	stopflow	stopflow	stopflow	stopflow	stopflow	stopflow	
PVC-free	PVC-free	PVC	PVC	PVC	PVC	PVC	PVC	PVC	PVC-free	PVC-free	PVC-free	PVC-free	PVC	
~270cm	~270cm	~270cm	~275cm	~270cm	~270-280cm	~270-280cm	~270-280cm	~270cm	~270cm	~275cm	~270cm	~160cm	~300cm	
~25ml	~25ml	~25ml	~25ml	~26ml	~28ml	~30ml	~33ml	~30ml	~25ml	~25ml	~25ml	~15ml	~25ml	
30	30	30	30	30	30	30	30	30	30	30	30	30	10	
M46443500	M46443800	M46444300	M46444400	M46443700	M46445500	M46445700	M46445900	M46444000	M46444800	M46444100	M46444900	M46442200	M46445200	

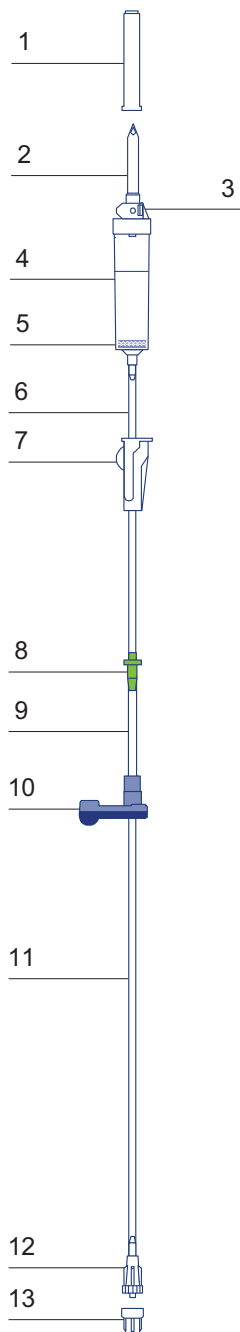
Due to our policy of continuous product improvements as well as changes in standards, the features described in this documents may change. Please consult us for the current situation.

# VL ST00

M46441000

## Standard set for infusion, 15 $\mu$ filter

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



### Description

1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber, length ~ 65 mm
5.	15 $\mu$ filter
6.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 90 cm
7.	Roller clamp
8.	Green connector
9.	Calibrated silicone pumping segment
10.	Blue SafeClip: anti-free flow safety clamp
11.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 165 cm
12.	Male Luer Lock
13.	Protector cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 25 ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free**

### Packaging

- Peel-open pouch.
- Ethylene oxide sterilization.
- Expiry: 5 years after manufacturing.
- Case quantity: 70 units (14x5).
- Pallet of 2240 sets.
- Storage conditions: +5 to +30°C, maximum humidity 70%.

### Applications

- Infusion of drugs /fluids having no particular filtration requirements.
- Infusion of drugs /fluids having no particular incompatibility.

### Not to be used for

- Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...).
- Blood products.
- Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).

### Advantages

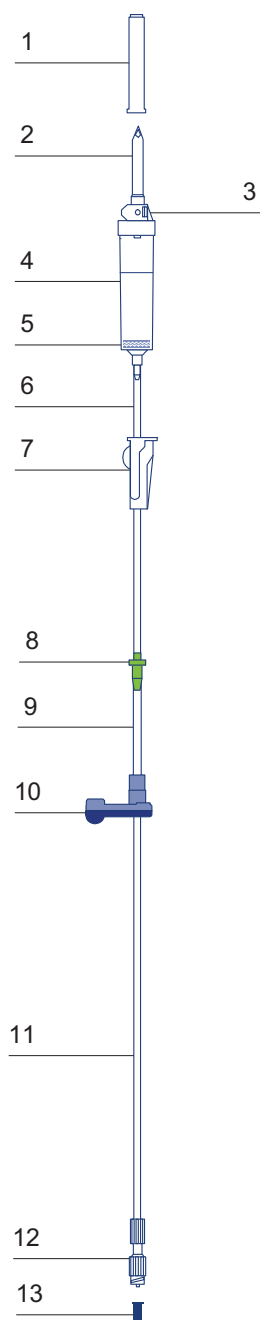
- No leach of DEHP.
- Security of good set positioning in the pump.
- Security against free flow when the set is removed from the pump.
- Set recognition by the pump.
- Preparation and priming similar to a gravity set.
- Possible use with any bags or bottles.
- Visual control of the infusion.
- Possible use by gravity.
- No risk of allergy to latex.

# VL ST10

M46441300

## Standard set for infusion, 15 $\mu$ filter, rotating luer lock, stopflow cap

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber, length ~ 65 mm
5.	15 $\mu$ filter
6.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 90 cm
7.	Roller clamp
8.	Green connector
9.	Calibrated silicone pumping segment
10.	Blue SafeClip: anti-free flow safety clamp
11.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 165 cm
12.	Rotating Male Luer Lock
13.	Stopflow cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 25 ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free**

Packaging	
■	Peel-open pouch.
■	Ethylene oxide sterilization.
■	Expiry: 5 years after manufacturing.
■	Case quantity: 30 units (6x5).
■	Pallet of 1680 sets.
■	Storage conditions: +5 to +30° C, maximum humidity 70%.

Applications	
■	Infusion of drugs /fluids having no particular filtration requirements.
■	Infusion of drugs /fluids having no particular incompatibility.

Not to be used for	
■	Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...).
■	Blood products.
■	Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).

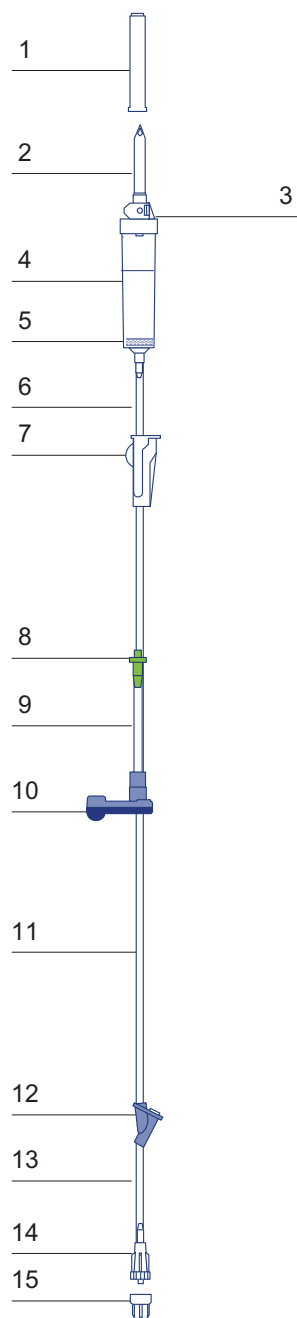
Advantages	
■	No leach of DEHP.
■	Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.
■	Security of good set positioning in the pump.
■	Security against free flow when the set is removed from the pump.
■	Set recognition by the pump.
■	Preparation and priming similar to a gravity set
■	Possible use with any bags or bottles.
■	Visual control of the infusion.
■	Possible use by gravity.
■	No risk of allergy to latex.

# VL ST01

M46441600

## Standard set for infusion, 15 $\mu$ filter, injection site

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber, length ~ 65 mm
5.	15 $\mu$ filter
6.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 90 cm
7.	Roller clamp
8.	Green connector
9.	Calibrated silicone pumping segment
10.	Blue SafeClip: anti-free flow safety clamp
11.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 145 cm
12.	Injection site in « Y », latex-free
13.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 20 cm
14.	Male Luer Lock
15.	Protector cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 25 ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free**

Packaging	
■	Peel-open pouch.
■	Ethylene oxide sterilization.
■	Expiry: 5 years after manufacturing.
■	Case quantity: 30 units (6x5).
■	Pallet of 1680 sets.
■	Storage conditions: +5 to +30°C, maximum humidity 70%.

Applications	
■	Infusion of drugs /fluids having no particular filtration requirements.
■	Infusion of drugs /fluids having no particular incompatibility.

Not to be used for	
■	Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...).
■	Blood products.
■	Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).

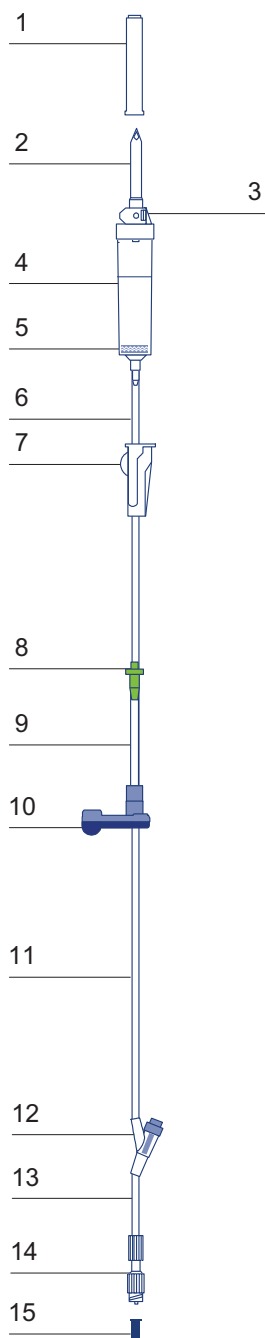
Advantages	
■	No leach of DEHP.
■	Allows intermittent injections of drugs.
■	Security of good set positioning in the pump.
■	Security against free flow when the set is removed from the pump.
■	Set recognition by the pump.
■	Preparation and priming similar to a gravity set.
■	Possible use with any bags or bottles.
■	Visual control of the infusion.
■	Possible use by gravity.
■	No risk of allergy to latex.

# VL ST02

## M46441900

### Standard set for infusion, 15µ filter, K-Nect needle-free access

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber, length ~ 65 mm
5.	15µ filter
6.	PVC tubing (DEHP-free): diameter 3x 4.1 mm, length ~ 90 cm
7.	Roller clamp
8.	Green connector
9.	Calibrated silicone pumping segment
10.	Blue SafeClip: anti-free flow safety clamp
11.	PVC tubing (DEHP-free): diameter 3x 4.1 mm, length ~ 145 cm
12.	K-Nect Needle-free access
13.	PVC tubing (DEHP-free): diameter 3x 4.1 mm, length ~ 20 cm
14.	Rotating Male Luer Lock
15.	Stopflow cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 25 ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free**

Packaging	
■	Peel-open pouch.
■	Ethylene oxide sterilization.
■	Expiry: 5 years after manufacturing.
■	Case quantity: 30 units (6x5).
■	Pallet of 1680 sets.
■	Storage conditions: +5 to +30°C, maximum humidity 70%.

Applications	
■	Infusion of drugs /fluids having no particular filtration requirements.
■	Infusion of drugs /fluids having no particular incompatibility.

Not to be used for	
■	Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...).
■	Blood products.
■	Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).
■	Needle-free access should not be used to connect a gravity line (unless it is protected by a back check valve).

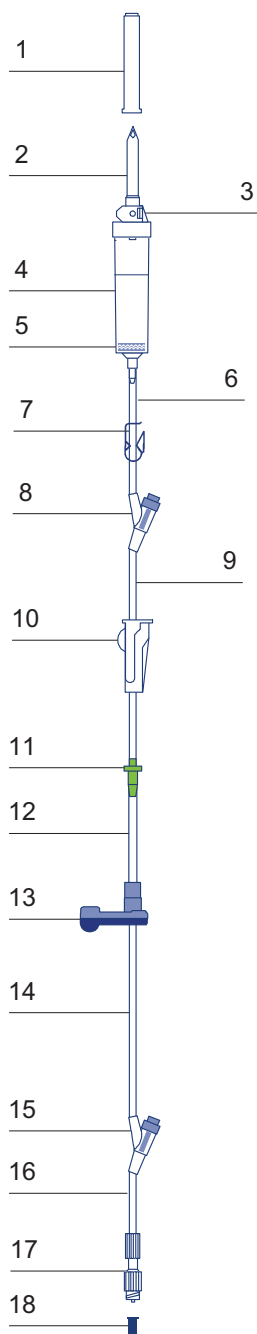
Advantages	
■	No leach of DEHP.
■	Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.
■	Allows intermittent injections of drugs.
■	Reduces risk of needle-stick injuries.
■	Security of good set positioning in the pump.
■	Security against free flow when the set is removed from the pump.
■	Set recognition by the pump.
■	Preparation and priming similar to a gravity set
■	Possible use with any bags or bottles.
■	Visual control of the infusion.
■	Possible use by gravity.
■	No risk of allergy to latex.

# VL ST22 NEW

M46442500

## Standard set for infusion, 15 $\mu$ filter, with 2K-Nect needle-free accesses

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber, length ~ 65 mm
5.	15 $\mu$ filter
6.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 20 cm
7.	Robson clamp
8.	K-Nect Needle-free access
9.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 70 cm
10.	Roller clamp
11.	Green connector
12.	Calibrated silicone pumping segment
13.	Blue SafeClip: anti-free flow safety clamp
14.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 145 cm
15.	K-Nect Needle-free access
16.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 20 cm
17.	Rotating Male Luer Lock
18.	Stopflow cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 25 ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free**

Packaging	
■	Peel-open pouch.
■	Ethylene oxide sterilization.
■	Expiry: 5 years after manufacturing.
■	Case quantity: 30 units (6x5).
■	Pallet of 1680 sets.
■	Storage conditions: +5 to +30°C, maximum humidity 70%.

Applications	
■	Infusion of drugs /fluids having no particular filtration requirements.
■	Infusion of drugs /fluids having no particular incompatibility.

Not to be used for	
■	Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...).
■	Blood products.
■	Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).
■	Needle-free access should not be used to connect a gravity line (unless it is protected by a back check valve).

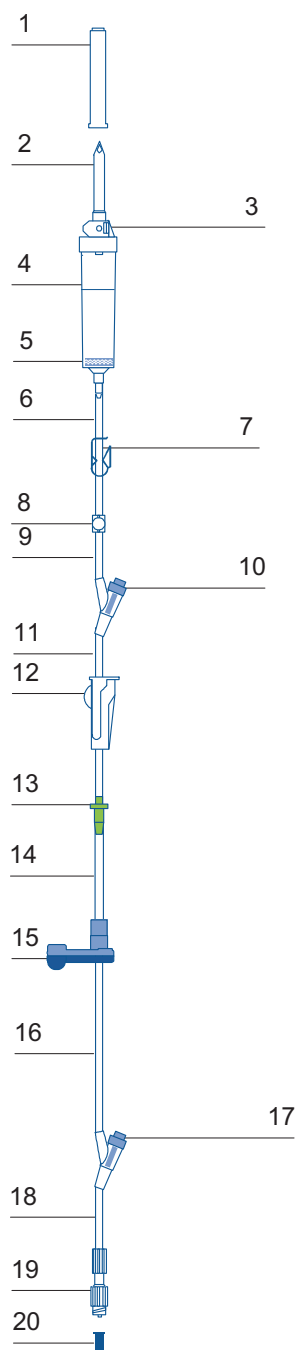
Advantages	
■	No leach of DEHP.
■	Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.
■	Allows connection of secondary lines for piggy-backing.
■	Allows intermittent injections of drugs.
■	Reduces risk of needle-stick injuries.
■	Security of good set positioning in the pump.
■	Security against free flow when the set is removed from the pump.
■	Set recognition by the pump.
■	Preparation and priming similar to a gravity set.
■	Possible use with any bags or bottles.
■	Visual control of the infusion.
■	Possible use by gravity.
■	No risk of allergy to latex.

# VL ST 42 NEW

M46442600

## Standard set for infusion, 15 $\mu$ filter, 2K-Nect needle-free accesses, 1 one-way check valve

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



	Description
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber, length ~ 65 mm
5.	15 $\mu$ filter
6.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 30 cm
7.	Robson clamp
8.	One-way check valve
9.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 5 cm
10.	K-Nect Needle-free access
11.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 60 cm
12.	Roller clamp
13.	Green connector
14.	Calibrated silicone pumping segment
15.	Blue SafeClip: anti-free flow safety clamp
16.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 145 cm
17.	K-Nect Needle-free access
18.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 20 cm
19.	Rotating Male Luer Lock
20.	Stopflow cap

Approximate length: ~ 275 cm

Approximate priming volume: ~ 22 ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free**

### Packaging

- Peel-open pouch.
- Ethylene oxide sterilization.
- Expiry: 5 years after manufacturing.
- Case quantity: 30 units (6x5).
- Pallet of 1680 sets.
- Storage conditions: +5 to +30°C, maximum humidity 70%.

### Applications

- Infusion of drugs /fluids having no particular filtration requirements.
- Infusion of drugs /fluids having no particular incompatibility.

### Not to be used for

- Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...).
- Blood products.
- Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).
- Needle-free access should not be used to connect a gravity line (unless it is protected by a back check valve).

### Advantages

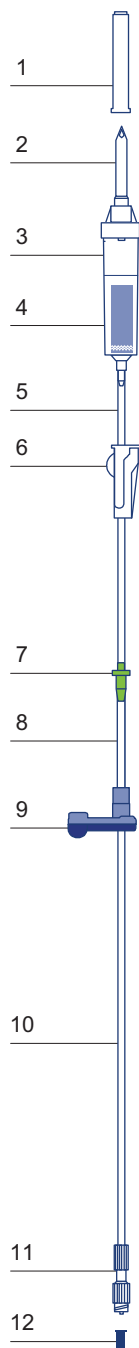
- No leach of DEHP.
- Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.
- Allows intermittent injections of drugs.
- Reduces risk of needle-stick injuries.
- Security of good set positioning in the pump.
- Security against free flow when the set is removed from the pump.
- Set recognition by the pump.
- Preparation and priming similar to a gravity set
- Possible use with any bags or bottles.
- Visual control of the infusion.
- Possible use by gravity.
- No risk of allergy to latex.

# VL TROO

M46442800

## Set for transfusion, 200µ filter

To infuse blood bags with Volumat Agilia / Volumat MC Agilia infusion pumps.



Description	
1.	Protector cap
2.	Non vented spike for blood bags, compliant with ISO 1135/4
3.	Transparent drip chamber, length ~ 90mm
4.	Blood filter 200µ (surface > 10cm <sup>2</sup> )
5.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 90cm
6.	Roller clamp
7.	Green connector
8.	Calibrated silicone pumping segment
9.	Blue SafeClip: anti-free flow safety clamp
10.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 165cm
11.	Rotating Male Luer Lock
12.	Stopflow cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 25 ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free**

Packaging
<ul style="list-style-type: none"> <li>■ Peel-open pouch.</li> <li>■ Ethylene oxide sterilization.</li> <li>■ Expiry: 5 years after manufacturing.</li> <li>■ Case quantity: 30 units (6x5).</li> <li>■ Pallet of 1680 sets.</li> <li>■ Storage conditions: +5 to +30°C, maximum humidity 70%.</li> </ul>

Applications
<ul style="list-style-type: none"> <li>■ Transfusion of blood products available in bags.</li> </ul>

Not to be used for
<ul style="list-style-type: none"> <li>■ Bottles.</li> <li>■ Infusion of drugs / fluids requiring a filtration with a narrow diameter filter.</li> <li>■ Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...).</li> <li>■ Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).</li> </ul>

Advantages
<ul style="list-style-type: none"> <li>■ No leach of DEHP.</li> <li>■ Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.</li> <li>■ Security of good set positioning in the pump.</li> <li>■ Security against free flow when the set is removed from the pump.</li> <li>■ Set recognition by the pump.</li> <li>■ Preparation and priming similar to a gravity set</li> <li>■ Visual control of the infusion.</li> <li>■ Possible use by gravity.</li> <li>■ No risk of allergy to latex.</li> </ul>

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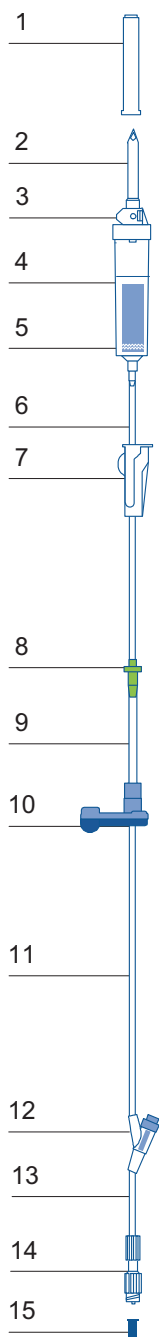
- Complies with ISO 1135/4 - 1998 standard.
- External studies have shown that the blood cells do not undergo any damages when delivered with the Volumat Agilia / Volumat MC Agilia infusion pumps. in association with this set (test report available on request).

# VL TR12 NEW

M46442700

## Vented set for transfusion, 200 $\mu$ filter, 1 K-Nect needle-free access

To infuse blood /fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



	Description
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber, length ~ 90 mm
5.	Blood filter 200 $\mu$ (surface > 10 cm <sup>2</sup> )
6.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 90 cm
7.	Roller clamp
8.	Green connector
9.	Calibrated silicone pumping segment
10.	Blue SafeClip: anti-free flow safety clamp
11.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 145 cm
12.	K-Nect Needle-free access
13.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 20 cm
14.	Rotating Male Luer Lock
15.	Stopflow cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 25 ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free**

Packaging
<ul style="list-style-type: none"> <li>■ Peel-open pouch.</li> <li>■ Ethylene oxide sterilization.</li> <li>■ Expiry: 5 years after manufacturing.</li> <li>■ Case quantity: 30 units (6x5).</li> <li>■ Pallet of 1680 sets.</li> <li>■ Storage conditions: +5 to +30° C, maximum humidity 70%.</li> </ul>

Applications
<ul style="list-style-type: none"> <li>■ Transfusion of blood products available in bags.</li> </ul>

Not to be used for
<ul style="list-style-type: none"> <li>■ Infusion of drugs /fluids requiring a filtration with a narrow diameter filter.</li> <li>■ Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...).</li> <li>■ Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).</li> <li>■ Needle-free access should not be used to connect a gravity line (unless it is protected by a back check valve).</li> </ul>

Advantages
<ul style="list-style-type: none"> <li>■ No leach of DEHP.</li> <li>■ Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.</li> <li>■ Security of good set positioning in the pump.</li> <li>■ Security against free flow when the set is removed from the pump.</li> <li>■ Set recognition by the pump.</li> <li>■ Preparation and priming similar to a gravity set</li> <li>■ Visual control of the infusion.</li> <li>■ Possible use by gravity.</li> <li>■ No risk of allergy to latex.</li> </ul>

#### nota bene

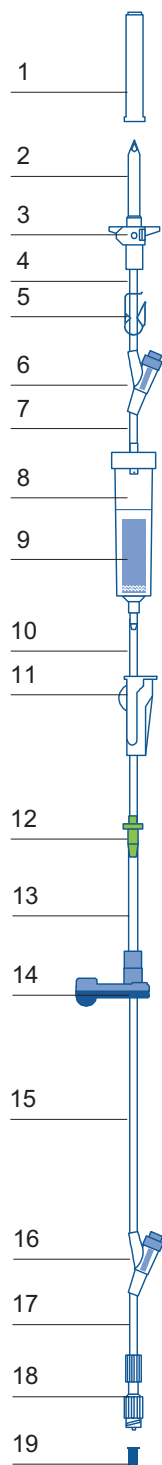
- Complies with ISO 1135/4 - 1998 standard.
- External studies have shown that the blood cells do not undergo any damages when delivered with the Volumat Agilia / Volumat MC Agilia infusion pumps. in association with this set (test report available on request).

# VL TR22

M46443000

## Set for transfusion and infusion, 200µ filter, 2K-Nect needle-free accesses

To infuse blood bags, fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~10cm
5.	Robson clamp
6.	K-Nect Needle-free access
7.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 10cm
8.	In-line transparent drip chamber
9.	Blood filter 200µ (surface > 10cm <sup>2</sup> )
10.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 70cm
11.	Roller clamp
12.	Green connector
13.	Calibrated silicone pumping segment
14.	Blue SafeClip: anti-free flow safety clamp
15.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 145 cm
16.	K-Nect Needle-free access
17.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 20cm
18.	Rotating Male Luer Lock
19.	Stopflow cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 26 ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free**

Packaging	
■	Peel-open pouch.
■	Ethylene oxide sterilization.
■	Expiry: 5 years after manufacturing.
■	Case quantity: 30 units (6x5).
■	Pallet of 1680 sets.
■	Storage conditions: +5 to +30°C, maximum humidity 70%.

Applications	
■	Transfusion or infusion from bags or bottles.

Not to be used for	
■	Infusion of drugs /fluids requiring a filtration with a narrow diameter filter.
■	Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...).
■	Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).
■	Needle-free access should not be used to connect a gravity line (unless it is protected by a back check valve).

Advantages	
■	No leach of DEHP.
■	Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.
■	Allows connection of secondary lines for piggy-backing.
■	Allows intermittent injections of drugs.
■	Reduces risk of needle-stick injuries.
■	Security of good set positioning in the pump.
■	Security against free flow when the set is removed from the pump.
■	Set recognition by the pump.
■	Preparation and priming similar to a gravity set.
■	Visual control of the infusion.
■	Possible use by gravity.
■	No risk of allergy to latex.

### nota bene

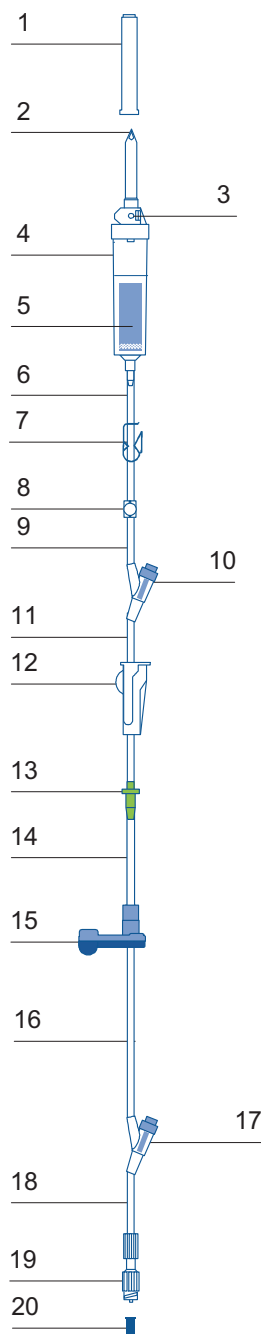
- Complies with ISO 1135/4 - 1998 standard.
- External studies have shown that the blood cells do not undergo any damages when delivered with the Volumat Agilia / Volumat MC Agilia infusion pumps in association with this set (test report available on request).

# VL TR42 NEW

M46442900

## Vented set for transfusion, 200 $\mu$ filter, 2K-Nect needle-free accesses, 1 one-way check valve

To infuse blood /fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



	Description
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber, length ~ 90mm
5.	Blood filter 200 $\mu$ (surface > 10cm <sup>2</sup> )
6.	PVC tubing (DEHP-free); diameter 3 x 4.1 mm, length ~ 25 cm
7.	Robson clamp
8.	One-way check valve
9.	PVC tubing (DEHP-free); diameter 3 x 4.1 mm, length ~ 5 cm
10.	K-Nect Needle-free access
11.	PVC tubing (DEHP-free); diameter 3 x 4.1 mm, length ~ 60 cm
12.	Roller clamp
13.	Green connector
14.	Calibrated silicone pumping segment
15.	Blue SafeClip: anti-free flow safety clamp
16.	PVC tubing (DEHP-free); diameter 3 x 4.1 mm, length ~ 145 cm
17.	K-Nect Needle-free access
18.	PVC tubing (DEHP-free); diameter 3 x 4.1 mm, length ~ 20 cm
19.	Rotating Male Luer Lock
20.	Stopflow cap

Approximate length: ~ 275 cm

Approximate priming volume: ~ 25 ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free**

Packaging
<ul style="list-style-type: none"> <li>■ Peel-open pouch.</li> <li>■ Ethylene oxide sterilization.</li> <li>■ Expiry: 5 years after manufacturing.</li> <li>■ Case quantity: 30 units (6x5).</li> <li>■ Pallet of 1680 sets.</li> <li>■ Storage conditions: +5 to +30°C, maximum humidity 70%.</li> </ul>

Applications
<ul style="list-style-type: none"> <li>■ Transfusion of blood products available in bags.</li> </ul>

Not to be used for
<ul style="list-style-type: none"> <li>■ Infusion of drugs /fluids requiring a filtration with a narrow diameter filter.</li> <li>■ Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...).</li> <li>■ Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).</li> <li>■ Needle-free access should not be used to connect a gravity line (unless it is protected by a back check valve).</li> </ul>

Advantages
<ul style="list-style-type: none"> <li>■ No leach of DEHP.</li> <li>■ Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.</li> <li>■ Security of good set positioning in the pump.</li> <li>■ Security against free flow when the set is removed from the pump.</li> <li>■ Set recognition by the pump.</li> <li>■ Preparation and priming similar to a gravity set</li> <li>■ Visual control of the infusion.</li> <li>■ Possible use by gravity.</li> <li>■ No risk of allergy to latex.</li> </ul>

#### nota bene

- Complies with ISO 11354 - 1998 standard.
- External studies have shown that the blood cells do not undergo any damages when delivered with the Volumat Agilia / Volumat MC Agilia infusion pumps in association with this set (test report available on request).

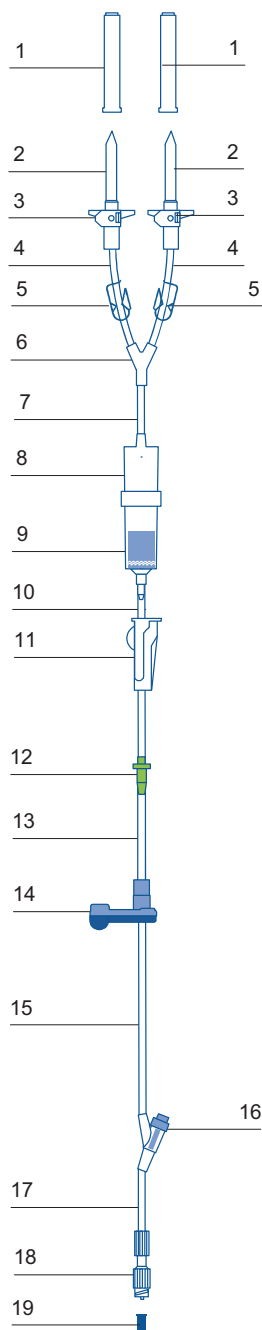
Due to our policy of continuous product improvements as well as changes in standards, the features described in this documents may change. Please consult us for the current situation.

# VL SP22

## M46443100

### Dual set for transfusion /infusion, 200µ filter, K-Nect needle free access

To infuse fluid bags with Volumat MC Agilia infusion pump.



#### Description

1.	Protector caps
2.	Vented spikes
3.	Air inlet with antibacterial filter and cap
4.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length = 15 cm
5.	Robson clamp
6.	Y connector
7.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length = 5 cm
8.	Transparent in-line drip chamber, length ~ 90 mm
9.	200µ filter (surface >10cm <sup>2</sup> )
10.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 70 cm
11.	Roller clamp
12.	Green connector
13.	Calibrated silicone pumping segment
14.	Blue SafeClip: anti-free flow safety clamp
15.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 145 cm
16.	K-Nect Needle-free access
17.	PVC tube diameter 3 x 4.1, length ~20 cm
18.	Rotating Male Luer Lock
19.	Stopflow cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 30 ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free**

#### Packaging

- Peel-open pouch.
- Ethylene oxide sterilization.
- Expiry: 5 years after manufacturing.
- Case quantity: 30 units (6x5).
- Pallet of 1680 sets.
- Storage conditions: +5 to +30° C, maximum humidity 70%.

#### Applications

- Infusion of drugs /fluids available in bags or in collapsible bottles.
- Infusion of drugs /fluids having no particular filtration requirement
- Infusion of drugs /fluids having no particular incompatibility.

#### Not to be used for

- Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...).
- Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).
- Needle-free access should not be used to connect a gravity line (unless it is protected by a back check valve).

#### Advantages

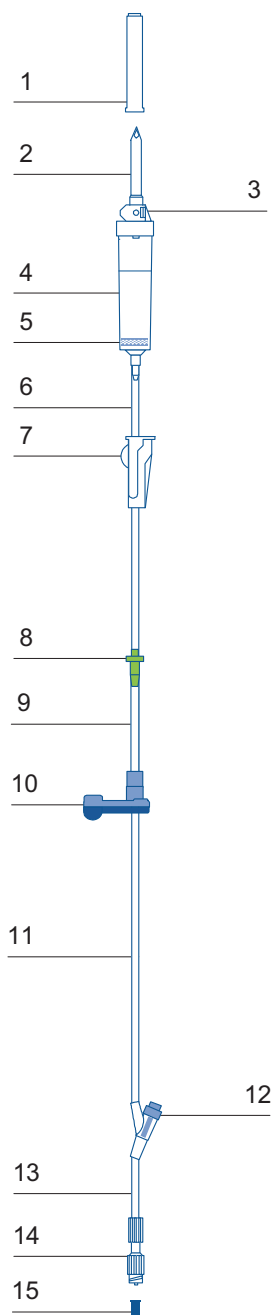
- No leach of DEHP.
- Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.
- Allows infusion of two bags connected simultaneously.
- Allows intermittent injections of drugs.
- Allows connection of other gravity line on downstream connection site.
- Security of good set positioning in the pump.
- Security against free flow when the set is removed from the pump.
- Set recognition by the pump.
- Preparation and priming similar to a gravity set
- Visual control of the infusion.
- Possible use by gravity.
- No risk of allergy to latex.

# VL SP62

M46443400

## Set for infusion of drugs incompatible with PVC, 15µ filter, K-Nect needle-free access

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber, length ~ 65 mm
5.	15µ filter
6.	PUR tubing: diameter 3x 4.1 mm, length ~ 90cm
7.	Roller clamp
8.	Green connector
9.	Calibrated silicone pumping segment
10.	Blue SafeClip: anti-free flow safety clamp
11.	PP/PUR tubing: diameter 3x 4.1 mm, length ~ 145 cm
12.	K-Nect Needle-free access
13.	PUR tubing: diameter 3x 4.1 mm, length ~ 20cm
14.	Rotating Male Luer Lock
15.	Stopflow cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 25 ml

Main materials: PUR, PP, Silicone

**Important:** PVC-free, DEHP-free, latex-free

Packaging	
■	Peel-open pouch.
■	Ethylene oxide sterilization.
■	Expiry: 5 years after manufacturing.
■	Case quantity: 30 units (6x5).
■	Pallet of 1680 sets.
■	Storage conditions: +5 to +30°C, maximum humidity 70%.

Applications	
■	Infusion of drugs non compatible with PVC.
■	Infusion of drugs /fluids having no particular filtration requirements.

Not to be used for	
■	Blood products.
■	Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).
■	Needle-free access should not be used to connect a gravity line (unless it is protected by a back check valve).

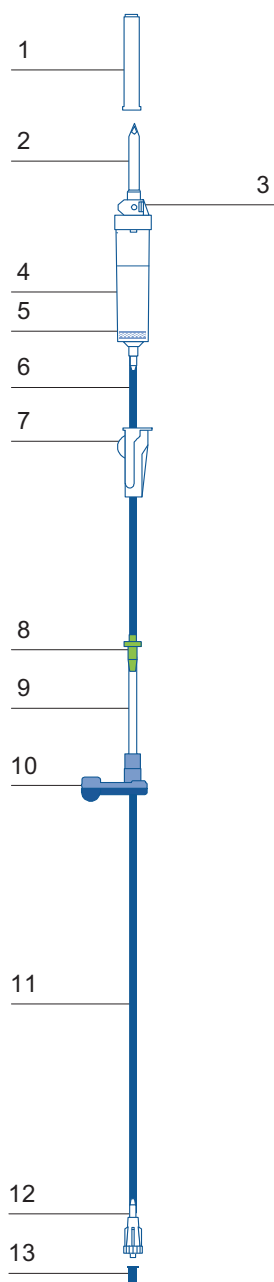
Advantages	
■	No leach of DEHP.
■	Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.
■	No loss of activity with PVC-sensitive drugs.
■	Security of good set positioning in the pump.
■	Security against free flow when the set is removed from the pump.
■	Set recognition by the pump.
■	Preparation and priming similar to a gravity set
■	Possible use with any bags or bottles.
■	Visual control of the infusion.
■	Possible use by gravity.
■	No risk of allergy to latex.

# VL SP90 NEW

M46443500

## PVC-free set for infusion of nitroglycerine, opaque, 15 $\mu$ filter

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



### Description

1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber
5.	15 $\mu$ filter
6.	Light protecting blue PUR tubing: diameter 3x 4.1 mm, length ~ 90cm
7.	Roller clamp
8.	Green connector
9.	Calibrated silicone pumping segment
10.	Blue SafeClip: anti-free flow safety clamp
11.	Light protecting blue PUR tubing: diameter 3x 4.1 mm, length ~160 cm
12.	Male Luer Lock
13.	Stopflow cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 25 ml

Main materials: PUR, PP, Silicone

**Important: PVC-free, DEHP-free, latex-free**

### Packaging

- Peel-open pouch.
- Ethylene oxide sterilization.
- Expiry: 5 years after manufacturing.
- Case quantity: 30 units (6x5).
- Pallet of 1680 sets.
- Storage conditions: +5 to +30°C, maximum humidity 70%.

### Application

- Infusion of drugs having no particular filtration requirements.
- Infusion of drugs non compatible with PVC, or having interactions with plasticizer agents of PVC.

### Not to be used for

- Blood products.

### Advantages

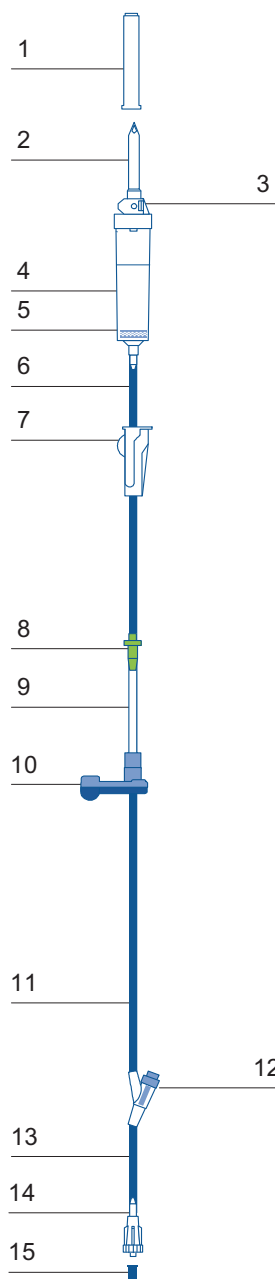
- No leach of DEHP.
- Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.
- Protection of the staff against spilled liquids during the priming.
- Security of good set positioning in the pump.
- Security against free flow when the set is removed from the pump.
- Set recognition by the pump.
- Preparation and priming similar to a gravity set.
- Possible use with any bags or bottles.
- Visual control of the infusion.
- Possible use by gravity.
- No risk of allergy to latex.

# VL SP92 NEW

M46443600

## PVC-free set for infusion of nitroglycerine, opaque, 15 $\mu$ filter, 1 K-Nect needle free access

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber
5.	15 $\mu$ filter
6.	Light protecting blue PUR tubing: diameter 3x 4.1 mm, length ~ 90cm
7.	Roller clamp
8.	Green connector
9.	Calibrated silicone pumping segment
10.	Blue SafeClip: anti-free flow safety clamp
11.	Light protecting blue PUR tubing: diameter 3x 4.1 mm, length ~145 cm
12.	K-Nect Needle-free access
13.	Light protecting blue PUR tubing: diameter 3x 4.1 mm, length ~20cm
14.	Male Luer Lock
15.	Stopflow cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 25 ml

Main materials: PUR, PP, Silicone

**Important: PVC-free, DEHP-free, latex-free**

Packaging
<ul style="list-style-type: none"> <li>■ Peel-open pouch.</li> <li>■ Ethylene oxide sterilization.</li> <li>■ Expiry: 5 years after manufacturing.</li> <li>■ Case quantity: 30 units (6x5).</li> <li>■ Pallet of 1680 sets.</li> <li>■ Storage conditions: +5 to +30<math>^{\circ}</math>C, maximum humidity 70%.</li> </ul>

Application
<ul style="list-style-type: none"> <li>■ Infusion of drugs having no particular filtration requirements.</li> <li>■ Infusion of drugs non compatible with PVC, or having interactions with plasticizer agents of PVC.</li> </ul>

Not to be used for
<ul style="list-style-type: none"> <li>■ Blood products.</li> <li>■ Needle-free access should not be used to connect a gravity line (unless it is protected by a back check valve).</li> </ul>

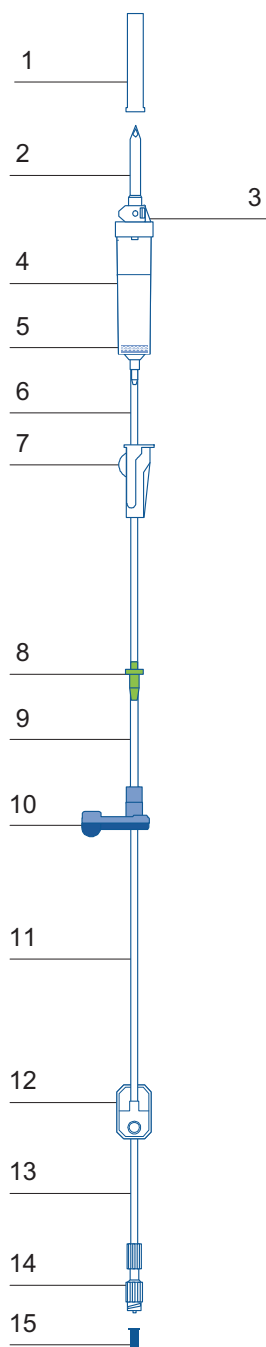
Advantages
<ul style="list-style-type: none"> <li>■ No leach of DEHP.</li> <li>■ Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.</li> <li>■ Protection of the staff against spilled liquids during the priming.</li> <li>■ Security of good set positioning in the pump.</li> <li>■ Security against free flow when the set is removed from the pump.</li> <li>■ Set recognition by the pump.</li> <li>■ Preparation and priming similar to a gravity set.</li> <li>■ Possible use with any bags or bottles.</li> <li>■ Visual control of the infusion.</li> <li>■ Possible use by gravity.</li> <li>■ No risk of allergy to latex.</li> </ul>

# VL PNOO

M46444300

## Parenteral nutrition set, 1.2µ air eliminating filter

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber, length ~ 65 mm
5.	15µ filter
6.	PVC tubing (DEHP-free): diameter 3x 4.1 mm - length ~ 90cm
7.	Roller clamp
8.	Green connector
9.	Calibrated silicone pumping segment
10.	Blue SafeClip: anti-free flow safety clamp
11.	PVC tubing (DEHP-free): diameter 3x 4.1 mm - length ~ 145 cm
12.	1.2µ anti-bacterial and air-eliminating filter
13.	PVC tubing (DEHP-free): diameter 3x 4.1 mm - length ~ 20cm
14.	Rotating Male Luer Lock
15.	Stopflow cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 25 ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free**

Packaging	
■	Peel-open pouch.
■	Ethylene oxide sterilization.
■	Expiry: 5 years after manufacturing.
■	Case quantity: 30 units (6x5).
■	Pallet of 1680 sets.
■	Storage conditions: +5 to +30°C, maximum humidity 70%.

Application	
■	Infusion of drugs requiring a 1.2µ filter.
■	Infusion of lipids and TPN solutions requiring a 1.2µ filter.

Not to be used for	
■	Blood products.
■	Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).
■	Remicad

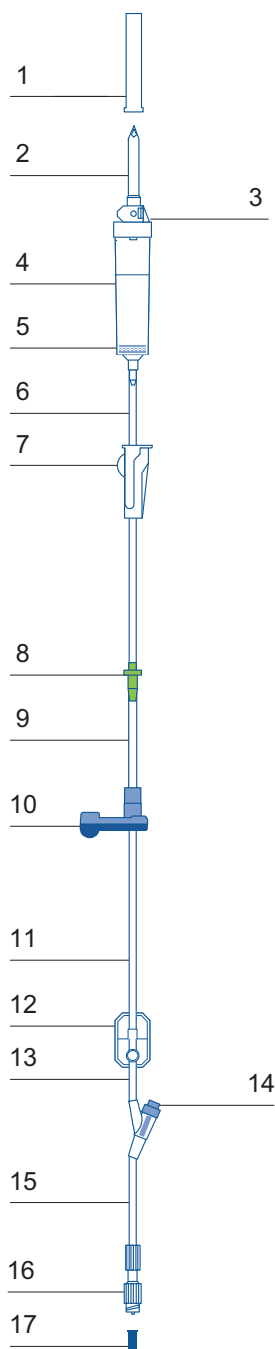
Advantages	
■	No leach of DEHP.
■	Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.
■	No leaching of plasticizer agents (DOP, DEHP).
■	Provide additional protection against bacterial contamination.
■	Security of good set positioning in the pump.
■	Security against free flow when the set is removed from the pump.
■	Set recognition by the pump.
■	Preparation and priming similar to a gravity set
■	Possible use with any bags or bottles.
■	Visual control of the infusion.
■	Possible use by gravity.
■	No risk of allergy to latex.

# VL PNO2 NEW

M46444400

## Parenteral nutrition set, 1.2µ air eliminating filter, 1 K-Nect needle-free access

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber, length ~ 65 mm
5.	15µ filter
6.	PVC tubing (DEHP-free): diameter 3x 4.1 mm - length ~ 90cm
7.	Roller clamp
8.	Green connector
9.	Calibrated silicone pumping segment
10.	Blue SafeClip: anti-free flow safety clamp
11.	PVC tubing (DEHP-free): diameter 3x 4.1 mm - length ~ 145 cm
12.	1.2µ anti-bacterial and air-eliminating filter
13.	PVC tubing (DEHP-free): diameter 3x 4.1 mm - length ~ 5 cm
14.	K-Nectneedle fress access
15.	PVC tubing (DEHP-free): diameter 3x 4.1 mm - length ~ 20cm
16.	Rotating Male Luer Lock
17.	Stopflow cap

Approximate length: ~ 275 cm

Approximate priming volume: ~ 26 ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free**

Packaging
<ul style="list-style-type: none"> <li>■ Peel-open pouch.</li> <li>■ Ethylene oxide sterilization.</li> <li>■ Expiry: 5 years after manufacturing.</li> <li>■ Case quantity: 30 units (6x5).</li> <li>■ Pallet of 1680 sets.</li> <li>■ Storage conditions: +5 to +30°C, maximum humidity 70%.</li> </ul>

Application
<ul style="list-style-type: none"> <li>■ Infusion of drugs requiring a 1.2µ filter.</li> <li>■ Infusion of lipids and TPN solutions requiring a 1.2µ filter.</li> </ul>

Not to be used for
<ul style="list-style-type: none"> <li>■ Blood products.</li> <li>■ Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).</li> <li>■ Remicad.</li> <li>■ Needle-free access should not be used to connect a gravity line (unless it is protected by a back check valve).</li> </ul>

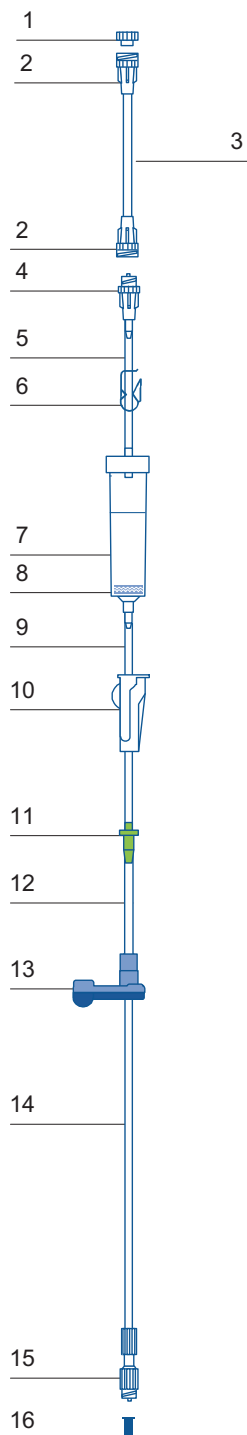
Advantages
<ul style="list-style-type: none"> <li>■ No leach of DEHP.</li> <li>■ Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.</li> <li>■ No leaching of plasticizer agents (DOP, DEHP).</li> <li>■ Provide additional protection against bacterial contamination.</li> <li>■ Security of good set positioning in the pump.</li> <li>■ Security against free flow when the set is removed from the pump.</li> <li>■ Set recognition by the pump.</li> <li>■ Preparation and priming similar to a gravity set</li> <li>■ Possible use with any bags or bottles.</li> <li>■ Visual control of the infusion.</li> <li>■ Possible use by gravity.</li> <li>■ No risk of allergy to latex.</li> </ul>

# VL PN20

M46443700

## Parenteral nutrition set, 15µ filter, upstream Luer lock connection

To infuse fluid bags with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protector cap
2	Female Luer Lock
3	PVC tubing (DEHP-free): diameter 3x 4.1 mm, length ~ 15 cm
4	Male Luer Lock
5	PVC tubing (DEHP-free): diameter 3x 4.1 mm, length ~ 5 cm
6	Robson clamp
7.	Transparent drip chamber: length ~ 65 mm
8	15µ filter
9	PVC tubing (DEHP-free): diameter 3x 4.1 mm, length ~ 70 cm
10	Roller clamp
11.	Green connector
12	Calibrated silicone pumping segment
13	Blue SafeClip: anti-free flow safety clamp
14	PVC tubing (DEHP-free): diameter 3x 4.1 mm, length ~ 165 cm
15	Rotating Male Luer Lock
16	Stopflow cap cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 26 ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free**

Packaging	
■	Peel-open pouch.
■	Ethylene oxide sterilization.
■	Expiry: 5 years after manufacturing.
■	Case quantity: 30 units (6x5).
■	Pallet of 1680 sets.
■	Storage conditions: +5 to +30° C, maximum humidity 70%.

Applications	
■	Infusion of drugs presented in bags equipped with a luer connector (male or female).
■	Infusion of drugs /fluids having no particular filtration requirements.
■	Infusion of drugs having no particular incompatibility.

Not to be used for	
■	Bottles and bags not equipped with a luer lock connection.
■	Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...).
■	Blood cells.
■	Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).

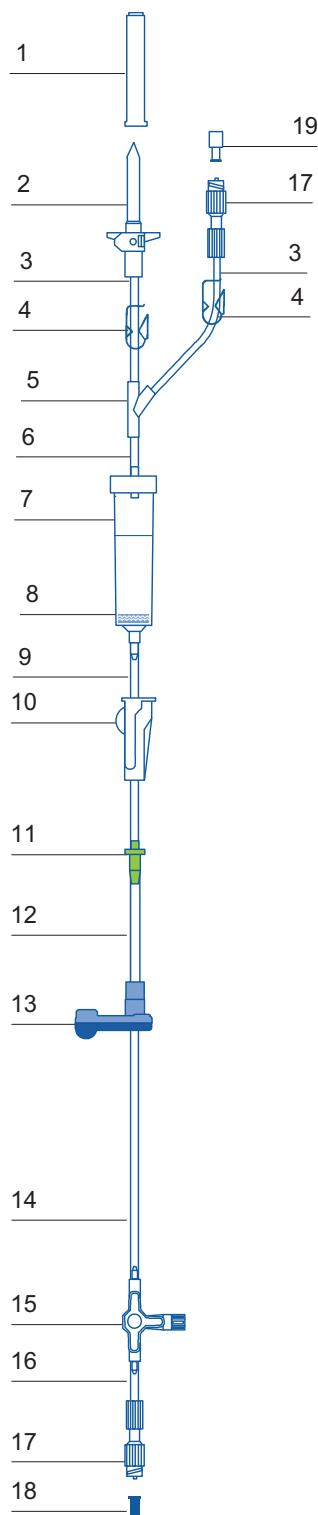
Advantages	
■	No leach of DEHP.
■	Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.
■	Possible use with any bags equipped with luer connector.
■	Possibility to connect the set to the bag in the preparation unit.
■	Security of good set positioning in the pump.
■	Security against free flow when the set is removed from the pump.
■	Set recognition by the pump.
■	Preparation and priming similar to a gravity set.
■	Visual control of the infusion.
■	Possible use by gravity.
■	No risk of allergy to latex.

# VL ON10 NEW

M46445500

## Oncology set for infusion of drugs in closed system, 1 side line, 15 $\mu$ filter

To infuse fluid bags with female luer lock with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protective cap for Spike
2.	Vented spike
3.	PVC tubing (DEHP-free): $\varnothing 3 \times 4.1$ mm, length ~ 20cm
4.	Robson clamp
5.	Y connector
6.	PVC tubing (DEHP-free): $\varnothing 3 \times 4.1$ mm, length ~ 10cm
7.	In-line drip chamber
8.	15 $\mu$ filter
9.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 50cm
10.	Roller clamp
11.	Green connector
12.	Calibrated silicone pumping segment
13.	Blue SafeClip: anti-free flow safety clamp
14.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 165 cm
15.	3-way stop-cock
16.	PVC-free tubing: diameter 3 x 4.1 mm, length ~ 30cm
17.	Rotating Male Luer Lock
18.	Stopflow cap
19.	Femal luer lock tap

Approximate length: ~ 270-280cm

Approximate priming volume: ~ 28ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free, material suitable for infusion of Paclitaxel**

Packaging	
■	Peel-open pouch.
■	Ethylene oxide sterilization.
■	Expiry: 5 years after manufacturing.
■	Case quantity: 30 units (6x5).
■	Pallet of 1680 sets.
■	Storage conditions: +5 to +30°C, maximum humidity 70%.

Applications	
■	Infusion of drugs /fluids available in bags with female luer lock (side line), infusion of drugs /fluids available in bags or bottles (main line).
■	Infusion of different drugs in the same set thanks to connections of side line in closed system.
■	Infusion of drugs /fluids having no particular filtration requirements.
■	Infusion of drugs /fluids having no particular incompatibility.

Not to be used for	
■	Spikeable bags or bottles in side line.
■	Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).
■	Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...)
■	Blood products.

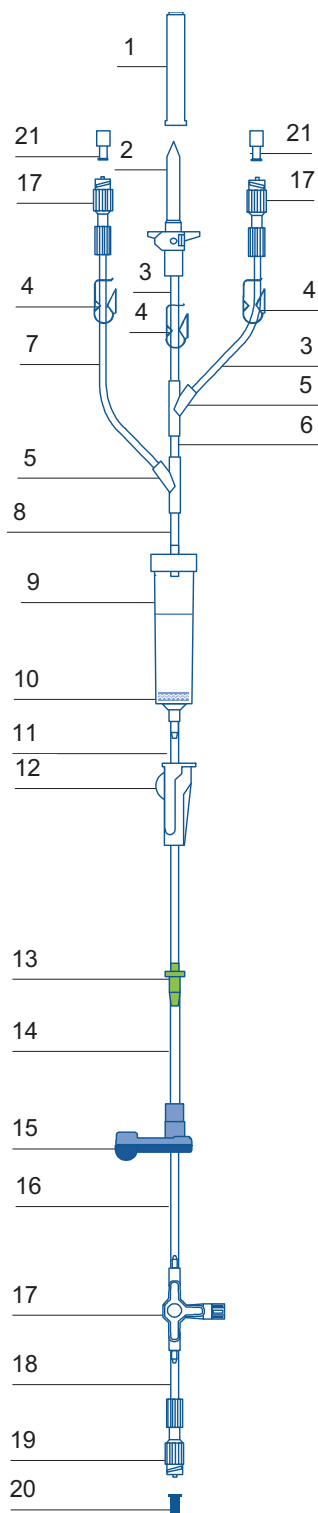
Advantages	
■	Possibility to prepare one set connected to a bag in a closed system.
■	Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.
■	Closed system, limited exposure to spilled liquids.
■	Possibility to flush the line in order to limit the amount of drug left in the line.
■	Limited dead priming volume side line.
■	No leach of DEHP.
■	Security of good set positioning in the pump.
■	Security against free flow when the set is removed from the pump.
■	Set recognition by the pump.
■	Possible use with any bags or bottles in the primary line.
■	Visual control of the infusion.
■	Possible use by gravity.
■	No risk of allergy to latex.

# VL ON20 NEW

M46445700

## Oncology set for multi infusion of drugs in closed system, 2 side lines, 15µ filter

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protective cap for Spike
2.	Vented spike
3.	PVC tubing (DEHP-free): Ø3x 4.1 mm, length ~ 20cm
4.	Robson clamp
5.	Y connector
6.	PVC tubing (DEHP-free): Ø3x 4.1 mm, length ~ 5cm
7.	PVC tubing (DEHP-free): Ø3x 4.1 mm, length ~ 25cm
8.	PVC tubing (DEHP-free): Ø3x 4.1 mm, length ~ 10cm
9.	In-line drip chamber
10.	15µ filter
11.	PVC tubing (DEHP-free): diameter 3x 4.1 mm, length ~ 50cm
12.	Roller clamp
13.	Green connector
14.	Calibrated silicone pumping segment
15.	Blue SafeClip: anti-free flow safety clamp
16.	PVC tubing (DEHP-free): diameter 3x 4.1 mm, length ~ 165cm
17.	3-way stop-cock
18.	PVC tubing (DEHP-free): diameter 3x 4.1 mm, length ~ 30cm
19.	Rotating Male Luer Lock
20.	Stopflow cap
21.	Femal luer lock tap

Approximate length: ~ 270-280cm

Approximate priming volume: ~ 30ml

Main materials: PVC, Silicone

**Important:** DEHP-free, latex-free, material suitable for infusion of Paclitaxel

Packaging
<ul style="list-style-type: none"> <li>■ Peel-open pouch.</li> <li>■ Ethylene oxide sterilization.</li> <li>■ Expiry: 5 years after manufacturing.</li> <li>■ Case quantity: 30 units (6x5).</li> <li>■ Pallet of 1680 sets.</li> <li>■ Storage conditions: +5 to +30°C, maximum humidity 70%.</li> </ul>

Applications
<ul style="list-style-type: none"> <li>■ Infusion of drugs /fluids available in bags with female luer lock (side lines), infusion of drugs /fluids available in bags or bottles (main line).</li> <li>■ Infusion of different drugs in the same set thanks to connections of side lines in closed system.</li> <li>■ Infusion of drugs /fluids having no particular filtration requirements.</li> <li>■ Infusion of drugs /fluids having no particular incompatibility.</li> </ul>

Not to be used for
<ul style="list-style-type: none"> <li>■ Spikeable bags or bottles in side line.</li> <li>■ Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).</li> <li>■ Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...)</li> <li>■ Blood products.</li> </ul>

Advantages
<ul style="list-style-type: none"> <li>■ Possibility to prepare one set connected to different bags in a closed system.</li> <li>■ Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.</li> <li>■ Closed system, limited exposure to spilled liquids.</li> <li>■ Possibility to flush the line in order to limit the amount of drug left in the line.</li> <li>■ Limited dead priming volume side line.</li> <li>■ No leach of DEHP.</li> <li>■ Security of good set positioning in the pump.</li> <li>■ Security against free flow when the set is removed from the pump.</li> <li>■ Set recognition by the pump.</li> <li>■ Possible use with any bags or bottles in the primary line.</li> <li>■ Visual control of the infusion.</li> <li>■ Possible use by gravity.</li> <li>■ No risk of allergy to latex.</li> </ul>

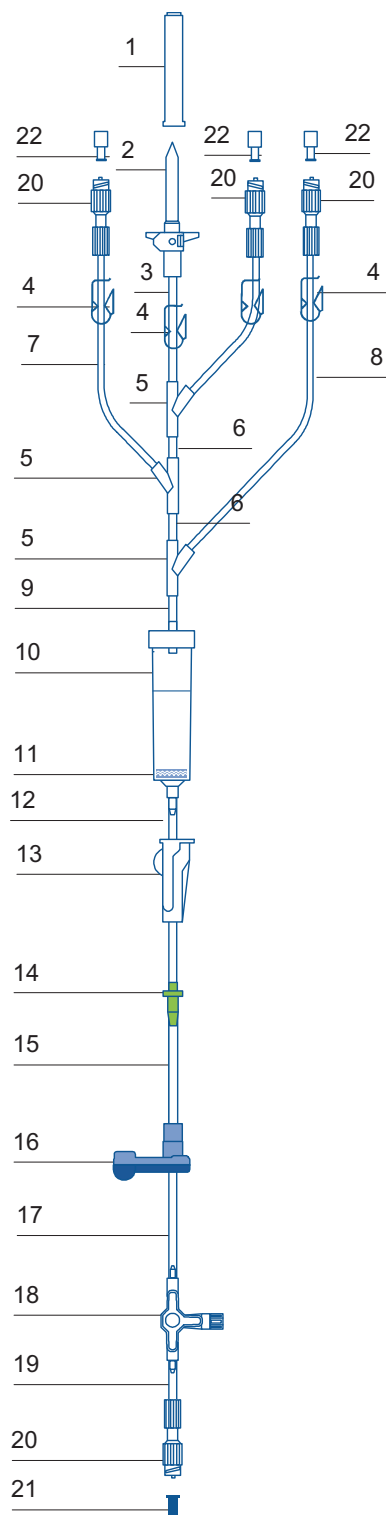
Due to our policy of continuous product improvements as well as changes in standards, the features described in this documents may change. Please consult us for the current situation.

# VL ON30 NEW

M46445900

## Oncology set for multi infusion of drugs in closed system, 3side lines, 15µ filter

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protective cap for Spike
2.	Vented spike
3.	PVC tubing (DEHP-free): Ø3x 4.1 mm, length ~ 20cm
4.	Robson clamp
5.	Y connector
6.	PVC tubing (DEHP-free): Ø3x 4.1 mm, length ~ 5cm
7.	PVC tubing (DEHP-free): Ø3x 4.1 mm, length ~ 25cm
8.	PVC tubing (DEHP-free): Ø3x 4.1 mm, length ~ 30cm
9.	PVC tubing (DEHP-free): Ø3x 4.1 mm, length ~ 10cm
10.	In-line drip chamber
11.	15µ filter
12.	PVC tubing (DEHP-free): diameter 3x 4.1 mm, length ~ 50cm
13.	Roller clamp
14.	Green connector
15.	Calibrated silicone pumping segment
16.	Blue SafeClip: anti-free flow safety clamp
17.	PVC-free tubing: diameter 3x 4.1 mm, length ~ 165cm
18.	3-way stop-cock
19.	PVC tubing (DEHP-free): diameter 3x 4.1 mm, length ~ 30cm
20.	Rotating Male Luer Lock
21.	Stopflow cap
22.	Femal luer lock tap

Approximate length: ~ 270-280cm

Approximate priming volume: ~ 33ml

Main materials: PVC, Silicone

**Important: DEHP-free, latex-free, material suitable for infusion of Paclitaxel**

Packaging	
■	Peel-open pouch.
■	Ethylene oxide sterilization.
■	Expiry: 5 years after manufacturing.
■	Case quantity: 30 units (6x5).
■	Pallet of 1680 sets.
■	Storage conditions: +5 to +30°C, maximum humidity 70%.

Applications	
■	Infusion of drugs /fluids available in bags with female luer lock (side lines), infusion of drugs /fluids available in bags or bottles (main line).
■	Infusion of different drugs in the same set thanks to connections of side lines in closed system.
■	Infusion of drugs /fluids having no particular filtration requirements.
■	Infusion of drugs /fluids having no particular incompatibility

Not to be used for	
■	Spikeable bags or bottles in side line
■	Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).
■	Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...)
■	Blood products

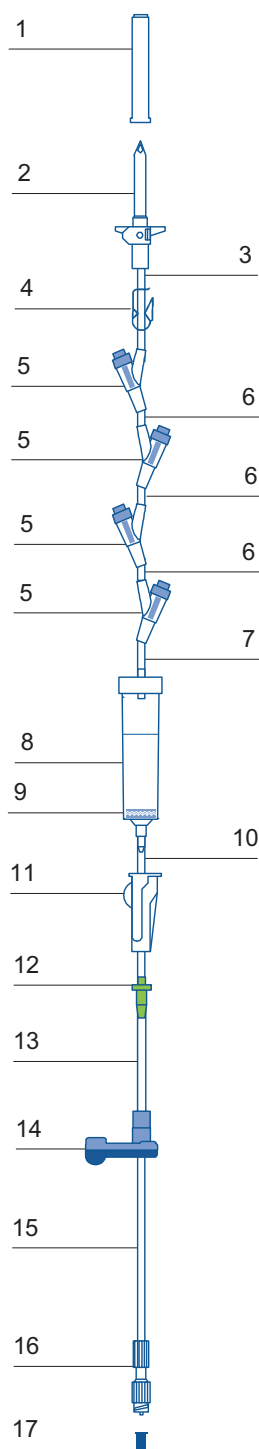
Advantages	
■	Possibility to prepare one set connected to different bags in a closed system.
■	Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.
■	Closed system, limited exposure to spilled liquids
■	Possibility to flush the line in order to limit the amount of drug left in the line.
■	Limited dead priming volume side line.
■	No leach of DEHP.
■	Security of good set positioning in the pump.
■	Security against free flow when the set is removed from the pump.
■	Set recognition by the pump.
■	Possible use with any bags or bottles in the primary line.
■	Visual control of the infusion.
■	Possible use by gravity.
■	No risk of allergy to latex.

# VL ON42

M46444000

## Oncology set for multi infusion of drugs in closed system, 4K-Nect needle-free accesses, 15 $\mu$ filter

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



	Description
1.	Protector cap
2.	Vented spike
3.	PUR tubing: $\varnothing$ 3x 4.1 mm, length ~ 20 cm
4.	Robson clamp
5.	K-Nect Needle-free access
6.	PUR tubing: $\varnothing$ 3x 4.1 mm, length ~ 5 cm
7.	PUR tubing: $\varnothing$ 3x 4.1 mm, length ~ 10 cm
8.	Transparent in-line drip chamber, length ~ 70 mm
9.	15 $\mu$ filter
10.	PUR tubing: diameter 3x 4.1 mm, length ~ 70 cm
11.	Roller clamp
12.	Green connector
13.	Calibrated silicone pumping segment
14.	Blue SafeClip: anti-free flow safety clamp
15.	PP tubing: diameter 3x 4.1 mm, length ~ 165 cm
16.	Rotating Male Luer Lock
17.	Stopflow cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 30 ml

Main materials: PUR, PP, Silicone

**Important: PVC-free, DEHP-free, latex-free, material suitable for infusion of Paclitaxel**

Packaging
<ul style="list-style-type: none"> <li>■ Peel-open pouch.</li> <li>■ Ethylene oxide sterilization.</li> <li>■ Expiry: 5 years after manufacturing.</li> <li>■ Case quantity: 30 units (6x5).</li> <li>■ Pallet of 1680 sets.</li> <li>■ Storage conditions: +5 to +30°C, maximum humidity 70%.</li> </ul>

Applications
<ul style="list-style-type: none"> <li>■ Infusion of drugs /fluids available in bags or in collapsible bottles.</li> <li>■ Infusion of different drugs in the same set thanks to connections of secondary lines in closed system.</li> <li>■ Infusion of drugs non compatible with PVC, or having interactions with plasticizer agents of PVC.</li> <li>■ Infusion of drugs /fluids having no particular filtration requirements.</li> </ul>

Not to be used for
<ul style="list-style-type: none"> <li>■ Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).</li> <li>■ Rigid bottles (unless a separate air-vent is used).</li> </ul>

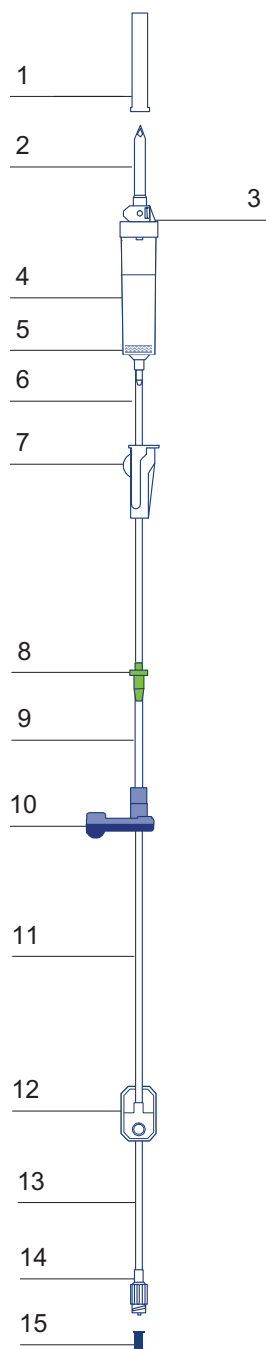
Advantages
<ul style="list-style-type: none"> <li>■ No leach of DEHP.</li> <li>■ Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.</li> <li>■ Possibility to prepare one set connected to different line in a closed system.</li> <li>■ No risk of back flow to secondary lines.</li> <li>■ No loss of activity with PVC-sensitive drugs.</li> <li>■ No leaching of plasticizer agents (DOP, DEHP).</li> <li>■ Security of good set positioning in the pump.</li> <li>■ Security against free flow when the set is removed from the pump.</li> <li>■ Set recognition by the pump.</li> <li>■ Preparation and priming similar to a gravity set.</li> <li>■ Possible use with any bags or bottles.</li> <li>■ Visual control of the infusion.</li> <li>■ Possible use by gravity.</li> <li>■ No risk of allergy to latex.</li> </ul>

# VL ON70

M46444600

## Oncology set for infusion, Q2µ filter

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



### Description

1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber, length ~ 65 mm
5.	15µ filter
6.	PUR tubing: diameter 3x 4.1 mm - length ~ 90 cm
7.	Roller clamp
8.	Green connector
9.	Calibrated silicone pumping segment
10.	Blue SafeClip: anti-free flow safety clamp
11.	PP tubing: diameter 3x 4.1 mm - length ~ 145 cm
12.	Q.2µ anti-bacterial and air-eliminating filter (positively charged)
13.	PP tubing: diameter 3x 4.1 mm - length ~ 20 cm
14.	Male Luer Lock
15.	Stopflow cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 25 ml

Main materials: PUR, PP, Silicone

**Important:** PVC-free, DEHP-free, latex-free, material is suitable for infusion of Paclitaxel

### Packaging

- Peel-open pouch.
- Ethylene oxide sterilization.
- Expiry: 5 years after manufacturing.
- Case quantity: 30 units (6x5).
- Pallet of 1680 sets.
- Storage conditions: +5 to +30°C, maximum humidity 70%.

### Application

- Infusion of drugs non compatible with PVC, or having interactions with plasticizer agents of PVC, and requiring a Q.2µ filter.

### Not to be used for

- Blood products.
- Total parenteral nutrition and other lipid containing solutions.
- Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).

### Advantages

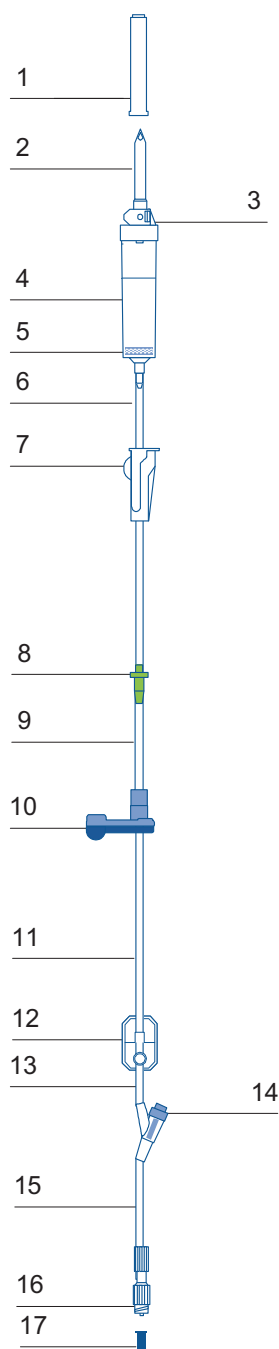
- No leach of DEHP.
- Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.
- No leaching of plasticizer agents (DOP, DEHP).
- No loss of activity with PVC-sensitive drugs.
- Provide additional protection against bacterial contamination.
- Security of good set positioning in the pump.
- Security against free flow when the set is removed from the pump.
- Set recognition by the pump.
- Preparation and priming similar to a gravity set.
- Possible use with any bags or bottles.
- Visual control of the infusion.
- Possible use by gravity.
- No risk of allergy to latex.

# VL ON72 NEW

M46444100

## Oncology set for infusion, Q2µ filter, 1 K-Nect needle free access

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber, length ~ 65 mm
5.	15µ filter
6.	PUR tubing: diameter 3x 4.1 mm - length ~ 90 cm
7.	Roller clamp
8.	Green connector
9.	Calibrated silicone pumping segment
10.	Blue SafeClip: anti-free flow safety clamp
11.	PP tubing: diameter 3x 4.1 mm - length ~ 145 cm
12.	Q2µ anti-bacterial and air-eliminating filter (positively charged)
13.	PUR tubing: diameter 3x 4.1 mm - length ~ 5 cm
14.	K-Nect needle free access
15.	PUR tubing: diameter 3x 4.1 mm - length ~ 20 cm
16.	Male Luer Lock
17.	Stopflow cap

Approximate length: ~ 275 cm

Approximate priming volume: ~ 26 ml

Main materials: PUR, PP, Silicone

**Important:** PVC-free, DEHP-free, latex-free, material is suitable for infusion of Paclitaxel

Packaging
<ul style="list-style-type: none"> <li>■ Peel-open pouch.</li> <li>■ Ethylene oxide sterilization.</li> <li>■ Expiry: 5 years after manufacturing.</li> <li>■ Case quantity: 30 units (6x5).</li> <li>■ Pallet of 1680 sets.</li> <li>■ Storage conditions: +5 to +30°C, maximum humidity 70%.</li> </ul>

Application
<ul style="list-style-type: none"> <li>■ Infusion of drugs non compatible with PVC, or having interactions with plasticizer agents of PVC, and requiring a Q2µ filter.</li> </ul>

Not to be used for
<ul style="list-style-type: none"> <li>■ Blood products.</li> <li>■ Total parenteral nutrition and other lipid containing solutions.</li> <li>■ Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).</li> <li>■ Remicad.</li> <li>■ Needle-free access should not be used to connect a gravity line (unless it is protected by a back check valve).</li> </ul>

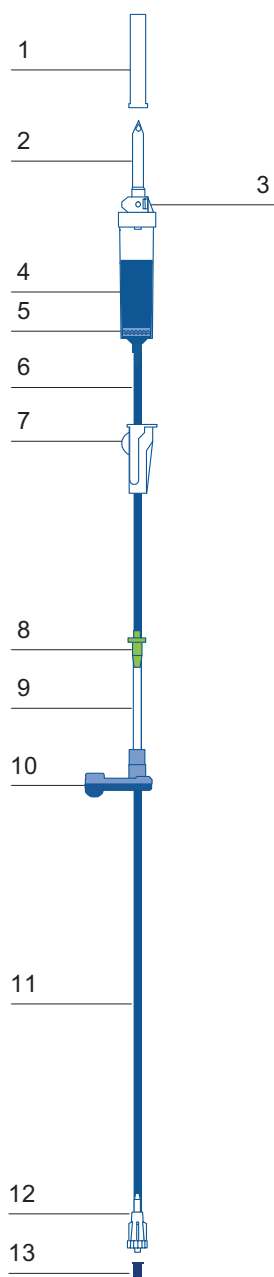
Advantages
<ul style="list-style-type: none"> <li>■ No leach of DEHP.</li> <li>■ Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.</li> <li>■ No leaching of plasticizer agents (DOP, DEHP).</li> <li>■ No loss of activity with PVC-sensitive drugs.</li> <li>■ Provide additional protection against bacterial contamination.</li> <li>■ Security of good set positioning in the pump.</li> <li>■ Security against free flow when the set is removed from the pump.</li> <li>■ Set recognition by the pump.</li> <li>■ Preparation and priming similar to a gravity set</li> <li>■ Possible use with any bags or bottles.</li> <li>■ Visual control of the infusion.</li> <li>■ Possible use by gravity.</li> <li>■ No risk of allergy to latex.</li> </ul>

# VL ON90

M46444900

## PVC-free set for epidural infusion, opaque, 15 $\mu$ filter

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Light protecting drip chamber
5.	15 $\mu$ filter
6.	Light protecting PUR tubing (yellow): diameter 3x 4.1 mm, length ~ 90cm
7.	Roller clamp
8.	Green connector
9.	Calibrated silicone pumping segment
10.	Blue SafeClip: anti-free flow safety clamp
11.	Light protecting PUR tubing (yellow): diameter 3x 4.1 mm, length ~160cm
12.	Male Luer Lock
13.	Stopflow cap

Approximate length: ~ 270 cm

Approximate priming volume: ~ 25 ml

Main materials: PUR, PP, Silicone

**Important: PVC-free, DEHP-free, latex-free**

Packaging
<ul style="list-style-type: none"> <li>■ Peel-open pouch.</li> <li>■ Ethylene oxide sterilization.</li> <li>■ Expiry: 5 years after manufacturing.</li> <li>■ Case quantity: 30 units (6x5).</li> <li>■ Pallet of 1680 sets.</li> <li>■ Storage conditions: +5 to +30°C, maximum humidity 70%.</li> </ul>

Application
<ul style="list-style-type: none"> <li>■ Infusion of any drugs /fluids including light-sensitive drugs (including UV-sensitive drugs).</li> <li>■ Infusion of drugs having no particular filtration requirements.</li> <li>■ Infusion of drugs non compatible with PVC, or having interactions with plasticizer agents of PVC.</li> </ul>

Not to be used for
<ul style="list-style-type: none"> <li>■ Blood products.</li> </ul>

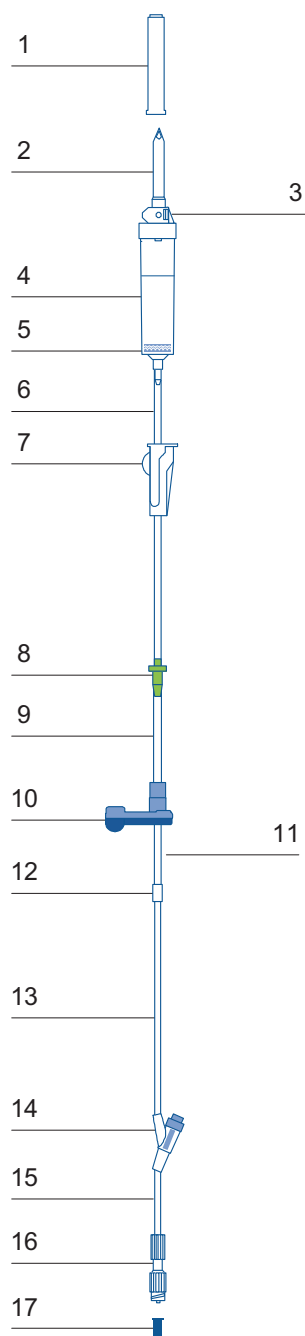
Advantages
<ul style="list-style-type: none"> <li>■ No leach of DEHP.</li> <li>■ Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.</li> <li>■ Protection of the drug against UV and visible light</li> <li>■ Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.</li> <li>■ Protection of the staff against spilled liquids during the priming.</li> <li>■ Security of good set positioning in the pump.</li> <li>■ Security against free flow when the set is removed from the pump.</li> <li>■ Set recognition by the pump.</li> <li>■ Preparation and priming similar to a gravity set</li> <li>■ Possible use with any bags or bottles.</li> <li>■ Visual control of the infusion.</li> <li>■ Possible use by gravity.</li> <li>■ No risk of allergy to latex.</li> </ul>

# VL PA02

M46442200

## Infusion set for infusion, 15 $\mu$ filter, K-Nect needle-free access

To infuse fluid bags or bottles with Volumat Agilia /Volumat MC Agilia infusion pumps.



Description	
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	Transparent drip chamber, length ~ 65 mm – 60 dr
5.	15 $\mu$ filter
6.	PVC tubing (DEHP-free): int. diameter 3 mm, length ~ 50 cm
7.	Roller clamp
8.	Green connector
9.	Calibrated silicone pumping segment
10.	Blue SafeClip: anti-free flow safety clamp
11.	PVC tubing (DEHP-free): int. diameter 3 mm, length ~ 10 cm
12.	Tube adaptor
13.	PVC tubing (DEHP-free): int. diameter 2 mm, length ~ 70 cm
14.	K-Nect needle-free access
15.	PVC tubing (DEHP-free): int. diameter 2 mm, length ~ 20 cm
16.	Rotating Male Luer Lock
17.	Stopflow cap

Approximate length: ~ 160 cm

Approximate priming volume: ~ 16 ml

Main Materials: PVC, Silicone

**Important: DEHP-free, latex-free**

Packaging	
■	Peel-open pouch.
■	Ethylene oxide sterilization.
■	Expiry: 5 years after manufacturing.
■	Case quantity: 30 units (6x5).
■	Pallet of 1680 sets.
■	Storage conditions: +5 to +30°C, maximum humidity 70%.

Applications	
■	Infusion of drugs /fluids having no particular filtration requirements.
■	Infusion of drugs /fluids having no particular incompatibility.

Not to be used for	
■	Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...).
■	Blood products.
■	Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).
■	Needle-free access should not be used to connect a gravity line (unless it is protected by a back check valve).

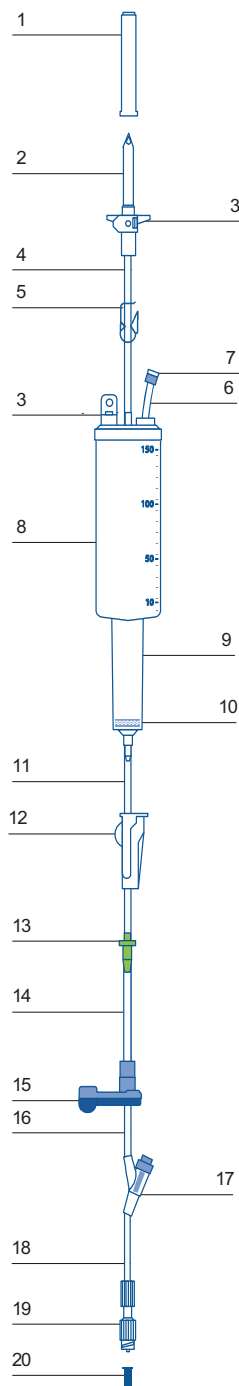
Advantages	
■	No leach of DEHP.
■	Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.
■	Allows intermittent injections of drugs.
■	Reduces risk of needle-stick injuries.
■	Easiness and hygiene of the gesture.
■	Security of good set positioning in the pump.
■	Security against free flow when the set is removed from the pump.
■	Set recognition by the pump.
■	Preparation and priming similar to a gravity set
■	Possible use with any bags or bottles.
■	Visual control of the infusion.
■	Possible use by gravity.
■	No risk of allergy to latex.
■	Lower priming volume.
■	Faster response to downstream occlusions.

# VL PA 92

M46445200

## Infusion set with 150ml graduated burette, 20drop/ml, 2K-Nect needle-free accesses, 15µ filter

To infuse fluid bags or bottles with Volumat MC Agilia infusion pump.



	Description
1.	Protector cap
2.	Vented spike
3.	Air inlet with antibacterial filter and cap
4.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 20 cm
5.	Robson clamp
6.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 3 cm
7.	K-Nect needle-free access
8.	150ml Graduated burette
9.	Transparent drip chamber, 20drop/ml
10.	15µ filter
11.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 70 cm
12.	Roller clamp
13.	Green connector
14.	Calibrated silicone pumping segment
15.	Blue SafeClip: anti-free flow safety clamp
16.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 145 cm
17.	K-Nect needle-free access
18.	PVC tubing (DEHP-free): diameter 3 x 4.1 mm, length ~ 20 cm
19.	Rotating Male luer lock
20.	Stopflow cap

Approximate length: ~ 300 cm

Approximate priming volume: ~ 25 ml (not including the burette's volume)

Tubing material: PVC, Silicone

**Important: DEHP-free, latex-free**

Packaging
<ul style="list-style-type: none"> <li>■ Peel-open pouch.</li> <li>■ Ethylene oxide sterilization.</li> <li>■ Expiry: 5 years after manufacturing.</li> <li>■ Case quantity: 10 units.</li> <li>■ Pallet of 360 sets.</li> <li>■ Storage conditions: +5 to +30° C, maximum humidity 70%.</li> </ul>

Applications
<ul style="list-style-type: none"> <li>■ Infusion of a precise volume out of a bag or bottle.</li> <li>■ Mixing and adding of drugs into the burette.</li> <li>■ Step by step infusion.</li> <li>■ Infusion of drugs /fluids having no particular filtration requirements.</li> <li>■ Infusion of drugs /fluids having no particular incompatibility.</li> </ul>

Not to be used for
<ul style="list-style-type: none"> <li>■ Infusion of drugs known to be incompatible with PVC (e.g. trinitrine, isosorbide dinitrate, sodium nitroprussiate...).</li> <li>■ Blood products.</li> <li>■ Light sensitive drugs (unless other precautions are taken to protect the drug against direct light).</li> <li>■ Needle-free access should not be used to connect a gravity line (unless it is protected by a back check valve).</li> </ul>

Advantages
<ul style="list-style-type: none"> <li>■ No leach of DEHP.</li> <li>■ Automatic prime stop thanks to a hydrophobic filter contained in the downstream protector cap.</li> <li>■ Allows the infusion of a precisely known volume.</li> <li>■ Allows intermittent injections of drugs into the burette or into the set.</li> <li>■ Allows the mixing of different fluids /drugs in the burette.</li> <li>■ No risk of drainage of the set.</li> <li>■ Security of good set positioning in the pump.</li> <li>■ Security against free flow when the set is removed from the pump.</li> <li>■ Set recognition by the pump.</li> <li>■ Possible use with any bags or bottles.</li> <li>■ Visual control of the infusion.</li> <li>■ Possible use by gravity.</li> <li>■ No risk of allergy to latex.</li> </ul>