



**FRESENIUS
KABI**

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Volumat Line of Administration Sets

For use with Agilia® Infusion System

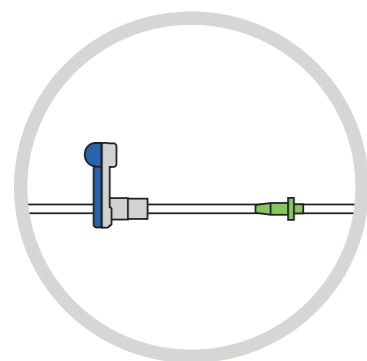


Volumat Line of Administration Sets

- The Agilia® volumetric pumps and sets integrate a state-of-the-art pumping mechanism and calibrated pumping segment to aid in accurate delivery of infusions.
- No repositioning required to maintain accuracy +/- 5% from rates 1 - 1500 mL/hr.
- A Volumat Line is a dedicated pump set that can be easily converted to a gravity set.
- Volumat lines are not made with natural rubber latex or DEHP. Volumat Lines not made with PVC are also available.

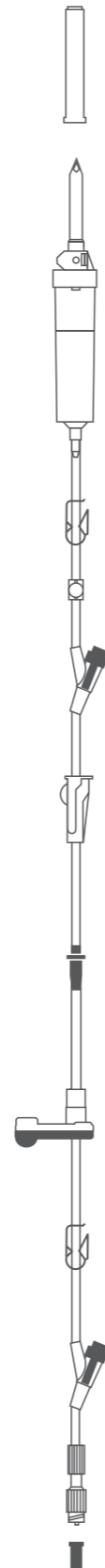
Silicone pump segment

- Silicone pump segment is designed to maintain pumping performance and accuracy up to 96 hrs.
- Color coded connectors to match with pump tubing guides for proper set loading.
- Equipped with SafeClip to protect against unintentional free flow when the pump door is opened.



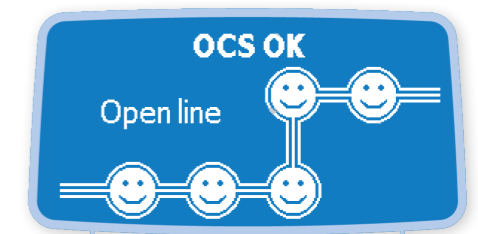
Pumping Segment

See Volumat Line labeling for additional instructions for use



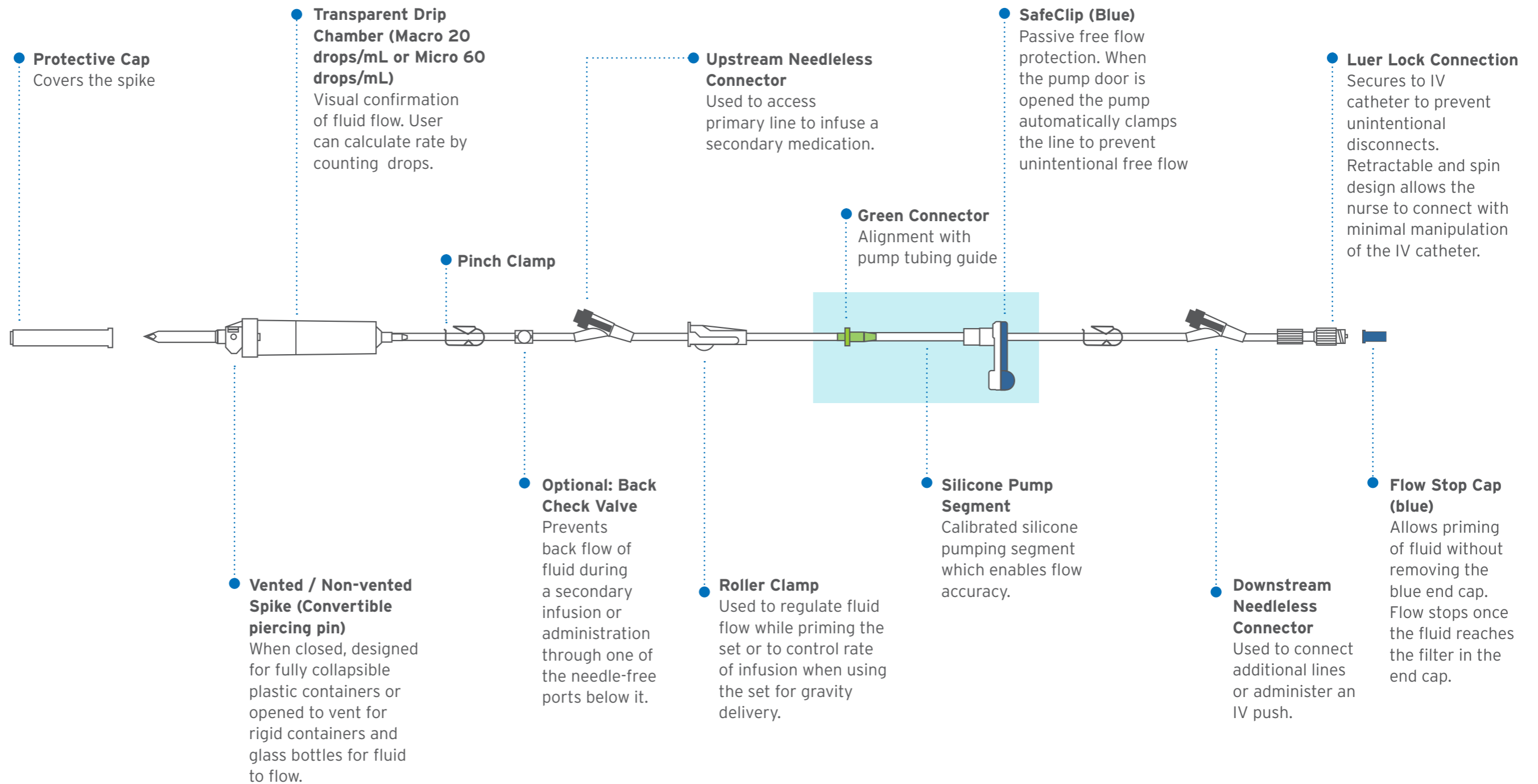
The Occlusivity Check System Test

- **The Occlusivity Check System (OCS)** helps protect patients from unintentional free flow at start-up.



Refer to the Agilia Instructions For Use for a list of warnings and precautions associated with the device

Volumat Line Features



See Volumat Line labeling for additional instructions for use

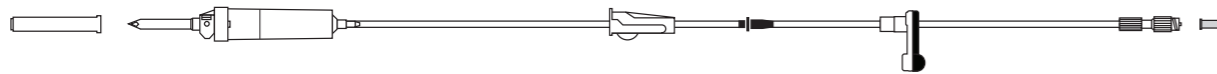
Volumat Line of Administration Sets

Standard sets

M46441360

Standard Pump Set with convertible piercing pin, roller clamp, calibrated silicone pumping segment with SafeClip, rotating male luer lock.

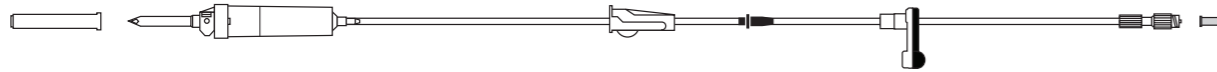
Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
25	112	20	0.118	30



M46441375

Standard Set with **non-siliconized spike**, convertible piercing pin, roller clamp, calibrated silicone pumping segment with SafeClip, rotating male luer lock.

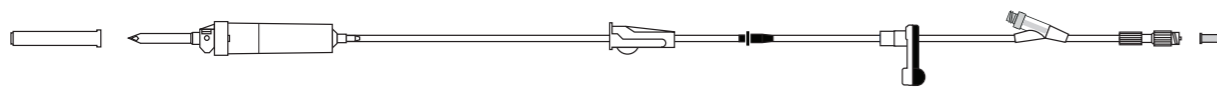
Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
25	112	20	0.118	30



M46441960

Standard Pump Set with convertible piercing pin, roller clamp, calibrated silicone pumping segment with SafeClip, downstream pinch clamp, needle-free port, rotating male luer lock.

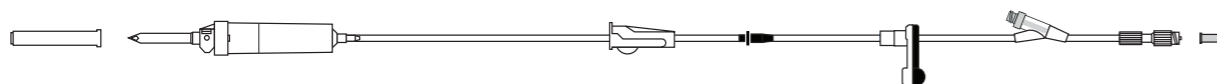
Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
25	112	20	0.118	30



46441985

Standard Set with **non-siliconized spike**, convertible piercing pin, roller clamp, calibrated silicone pumping segment with SafeClip, downstream pinch clamp, needle-free port, rotating male luer lock.

Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
25	112	20	0.118	30

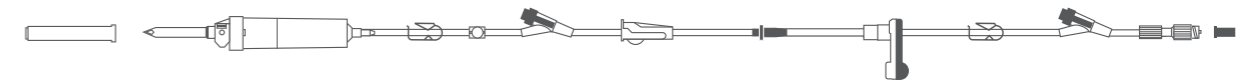


Primary sets

M46445660

Primary Pump Set with convertible piercing pin, pinch clamp, backcheck valve, needle free port, roller clamp, calibrated silicone pumping segment with SafeClip, downstream pinch clamp, needle-free port, rotating male luer lock.

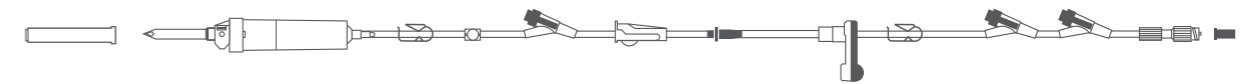
Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
25	112	20	0.118	30



M46445690

Primary Pump Set with convertible piercing pin, pinch clamp, backcheck valve, needle free port, roller clamp, calibrated silicone pumping segment with SafeClip, downstream pinch clamp, 2 needle-free ports, rotating male luer lock.

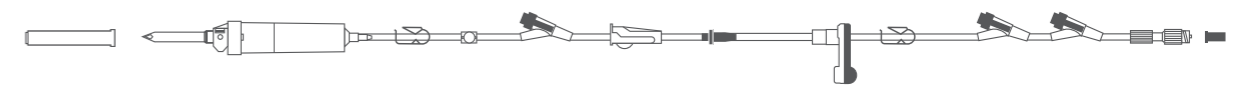
Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
25	112	20	0.118	30



M46445780

Primary Set with convertible piercing pin, pinch clamp, backcheck valve, needle free port, roller clamp, calibrated silicone pumping segment with SafeClip, downstream pinch clamp, 2 needle-free ports 35" apart, rotating male luer lock.

Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
25	112	20	0.118	30



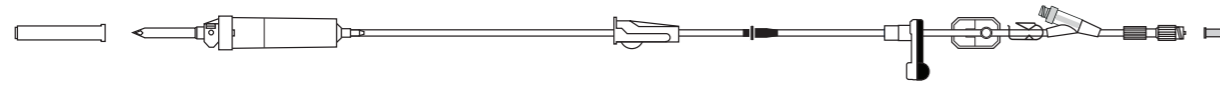
Volumat Lines are not made with natural rubber latex or DEHP. All measurements are approximate.

Filter sets

M46442460

Standard Filter Set with convertible piercing pin, roller clamp, calibrated silicone pumping segment with SafeClip, downstream 1.2 micron filter, pinch clamp, needle-free port, rotating male luer lock.

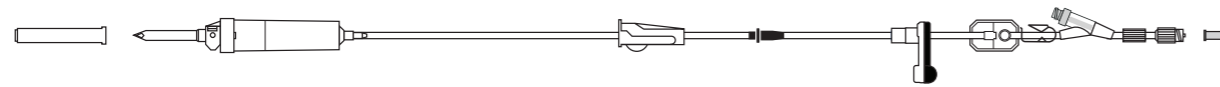
Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
25	114	20	0.118	30



M46444160

Standard Filter Pump Set **Not made with PVC** with convertible piercing pin, roller clamp, calibrated silicone pumping segment with SafeClip, downstream 0.2 micron filter, pinch clamp, needle-free port, rotating male luer lock.

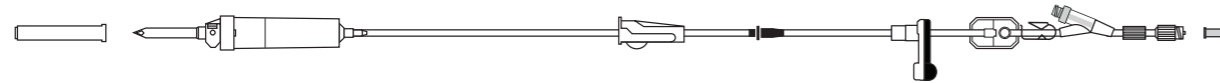
Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
26	114	20	0.118	30



M46444175

Standard Filter **Set Not made with PVC with non-siliconized** spike, convertible piercing pin, roller clamp, calibrated silicone pumping segment with SafeClip, downstream 0.2 micron filter, pinch clamp, needle-free port, rotating male luer lock.

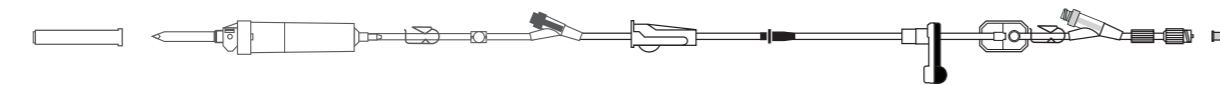
Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
26	114	20	0.118	30



M46445860

Primary Filter Pump Set with convertible piercing pin, non-DEHP tubing, pinch clamp, backcheck valve, needle-free port, roller clamp, calibrated silicone pumping segment with SafeClip, downstream 0.2 micron filter, pinch clamp, needle-free port, rotating male luer lock.

Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
27	112	20	0.118	30

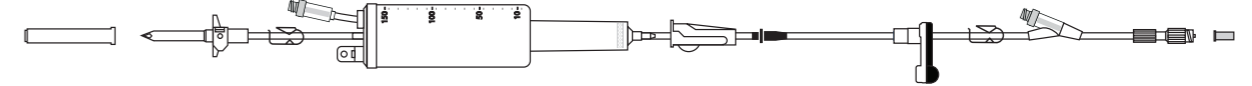


Burette sets

M46445260

Burette Set with piercing pin, 150 mL burette, 20 drops/mL, needle free port, roller clamp, calibrated silicone pumping segment with SafeClip, downstream pinch clamp, needle-free port, rotating male luer lock.

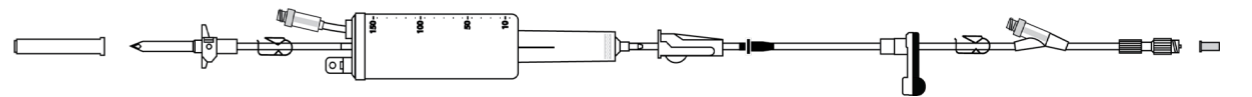
Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
25	118	20	0.118	10



M46445270

Burette Set with piercing pin, 150 mL burette, 60 drops/mL, needle free port, roller clamp, calibrated silicone pumping segment with SafeClip, downstream pinch clamp, needle-free port, rotating male luer lock.

Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
20	118	60	0.0118/0.098	10

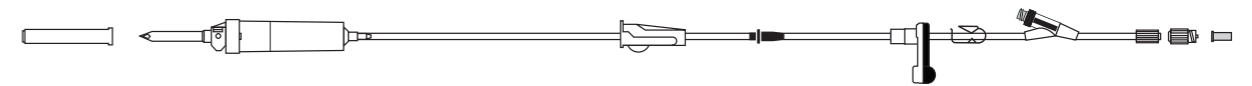


Specialty sets

M46443450

Standard Pump Set, **Not made with PVC** with convertible piercing pin, roller clamp, calibrated silicone pumping segment with SafeClip, downstream pinch clamp, needle-free port, rotating male luer lock.

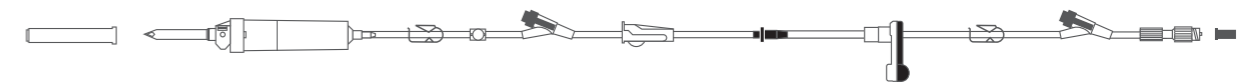
Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
25	112	20	0.118	30



M46445475

Primary Set **Not made with PVC with non-siliconized** convertible piercing pin, pinch clamp, backcheck valve, needle free port, roller clamp, calibrated silicone pumping segment with SafeClip, downstream pinch clamp, needle-free port, rotating male luer lock.

Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
20	81	20	0.118	30

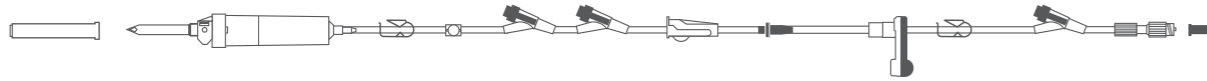


Specialty sets

M46445670

Primary Pump Set with convertible piercing pin, pinch clamp, backcheck valve, 2 needle free ports, roller clamp, calibrated silicone pumping segment with SafeClip, downstream pinch clamp, needle-free port, rotating male luer lock.

Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
25	112	20	0.118	30

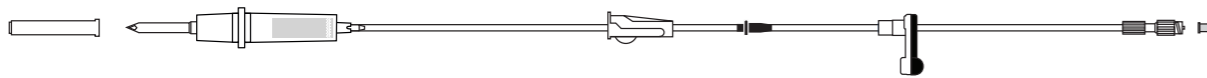


Transfusion sets

M46442860

Transfusion Pump Set with single nonvented spike, upstream 200 micron filter, roller clamp, calibrated silicone pumping segment with SafeClip, rotating male luer lock.

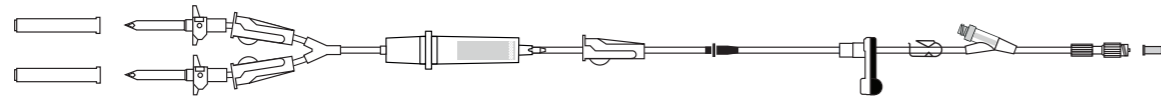
Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
25	112	20	0.118	30



M46443160

Transfusion Pump Set with dual nonvented spikes, 2 roller clamps, upstream 200 micron filter, roller clamp, calibrated silicone pumping segment with SafeClip, downstream pinch clamp, needle free port, rotating male luer lock.

Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
30	114	20	0.118	30

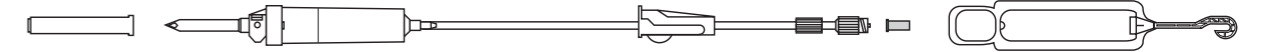


Secondary sets

M77460051

Volumat Secondary Set with non-siliconized spike, convertible piercing pin, roller clamp, rotating male luer lock, Hanger.

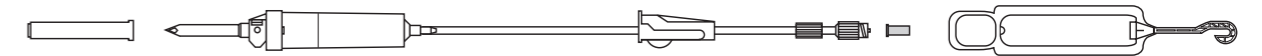
Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
12	35	20	0.118	40



M77460052

Volumat Secondary Set **Not made with PVC** with **non-siliconized** spike, convertible piercing pin, roller clamp, rotating male luer lock, Hanger.

Priming Volume (mL)	Nominal Length (Inch)	Drops/mL	Tubing ID (Inch)	Units/Case
10.5	27	20	0.118	40

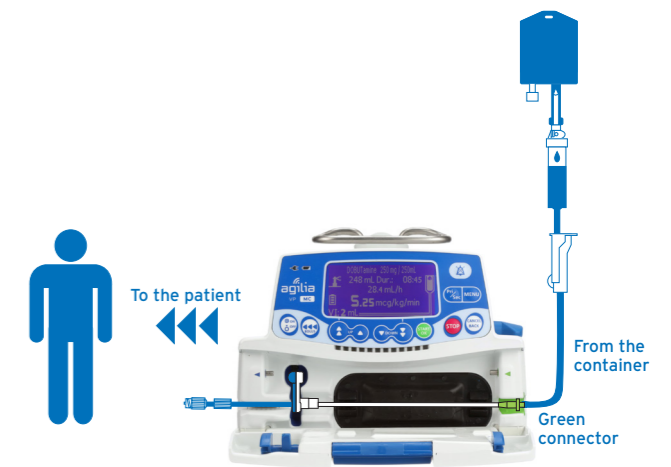


Reference Chart

Order Number	Description	Category
M46441360	VL ST10-0	Standard
M46441375	VL ST10-X0	Standard Non-siliconized spike
M46441960	VL ST02-0	Standard
M46441985	VL ST02-X0	Standard Non-siliconized spike
M46442460	VL PN02-1	Standard Filter (1.2 micron)
M46442860	VL TR00-0	Transfusion
M46443160	VL SP22-0	Transfusion
M46443450	VL SP62-1	Specialty Not made with PVC
M46444160	VL ON72-1	Filter (0.2 micron) Not made with PVC
M46444175	VL ON72-X1	Filter (0.2 micron) Not made with PVC, Non-siliconized spike
M46445260	VL PA92-1	Burette (20 gtt)
M46445270	VL PA92-2	Burette (60 gtt)
M46445475	VL SP40-11	Specialty Not made with PVC, Non-siliconized spike
M46445660	VL PR42-11	Primary
M46445670	VL PR42-21	Specialty Primary (2 upper NC)
M46445690	VL PR42-12	Primary
M46445780	VL PR44-12	Primary (2 lower NC 34" apart)
M46445860	VL PR72-11	Filter (0.2 micron)
M77460051	VL SL00-X0	Secondary Non-siliconized spike
M77460052	VL SL00-XP	Secondary Not made with PVC, Non-siliconized spike

Set Loading

- 1 Align the fully primed administration set horizontally along the tube guides so that the green connector is on the right, and the SafeClip (blue anti-free-flow clamp) is on the left.
- 2 Insert the green connector into the green slot.
- 3 Guide the SafeClip (blue clamp) into the blue slot, with the spherical hinge on top.
- 4 Push the SafeClip to move the spherical hinge into place.
- 5 Check that the tubing is inserted in the left tube guide.



The container should be hung between 8"-32" above the pump.

The Volumat Line of administration sets with color-coded connectors aids in loading the pump segment.

SafeClip

The Volumat Line of administration sets can be used for gravity infusion by opening the SafeClip:

- 1 Ensure the roller clamp is in the closed position.
- 2 Push the blue clip to open position.
- 3 Use the roller clamp on the administration set to control gravity flow.

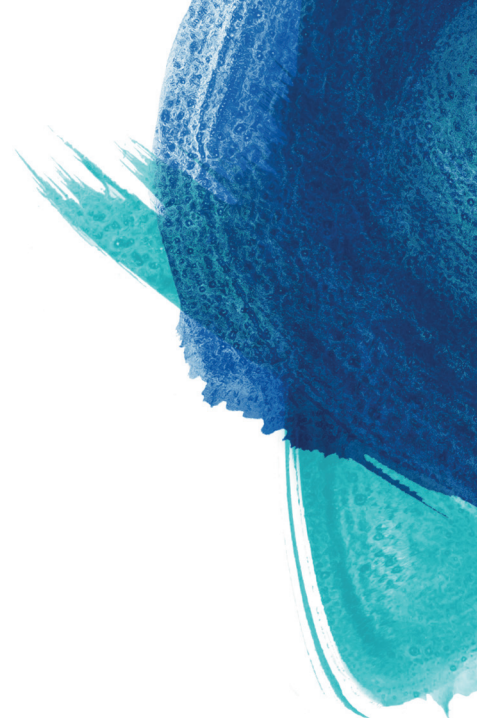


Open position (allows fluid flow for priming and gravity use).



Closed position (stops fluid flow).

The SafeClip is automatically closed when the Agilia door is opened, providing passive free flow protection.



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Refer to the Instructions for use for a complete list of warnings and precautions associated with the use of this product.



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