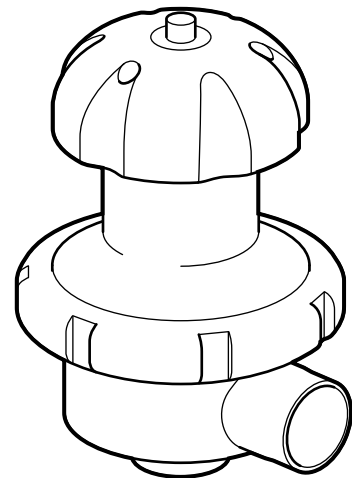
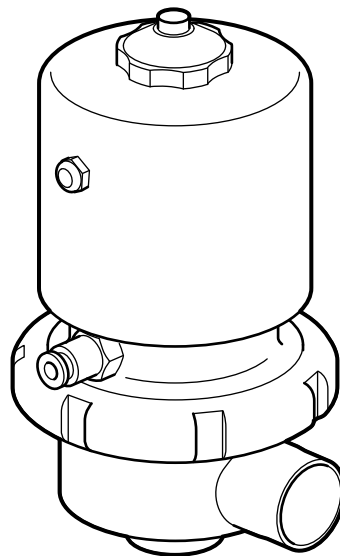
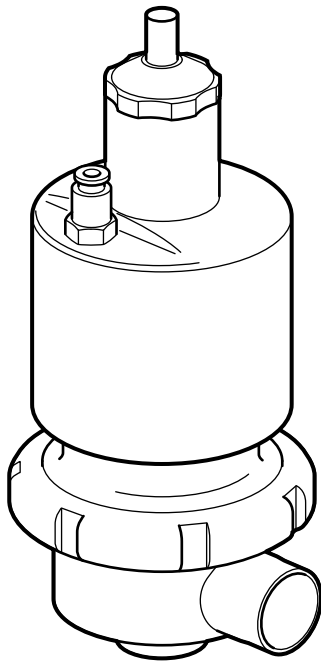




NovAseptic[®] Valve Actuator/Diaphragm

Installation Guide



Pneumatic Actuator

PA#/100 PA#/110 PA#/111
NA#/140-P0 AX#/110

Diaphragm

NA#/21 NA#/22 NA#/26

Manual Actuator




NA#/150 NA#/170
NA#/154 AX#/153

Angled Actuator

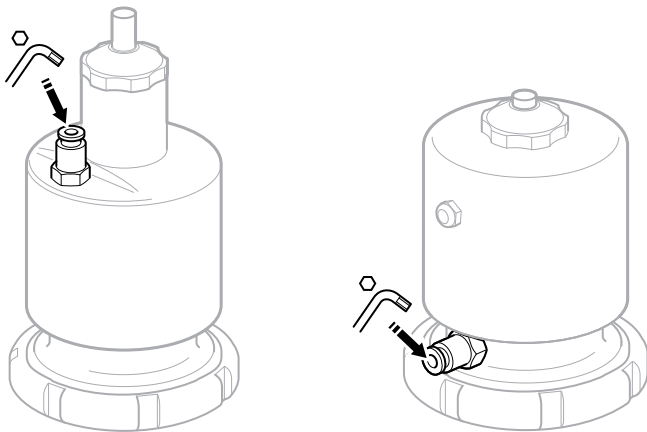
NA#/180

Tools Required

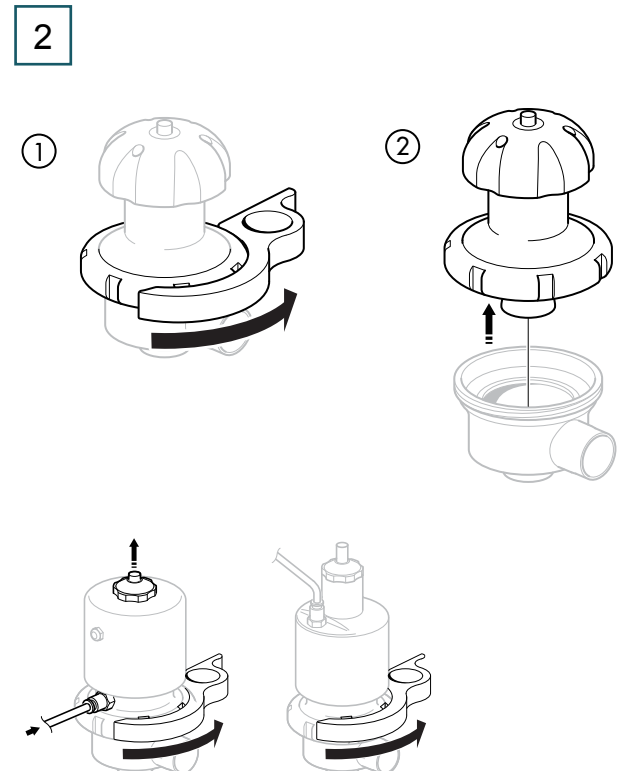
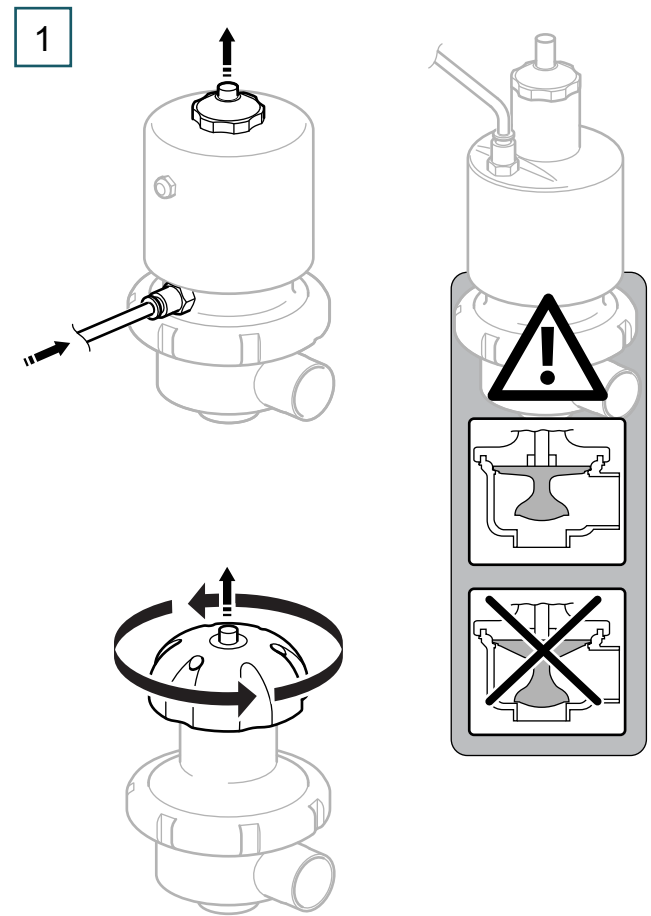
Tools listed below are not included with the valve.

Tool	Description
	Locking Ring Tightening Tool NA12/90, NA18/90, NA25/90, NA38/90, NA51/90
	Locking Ring Tightening Tool NA76/90
	Allen Wrench

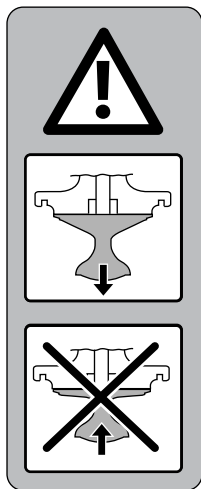
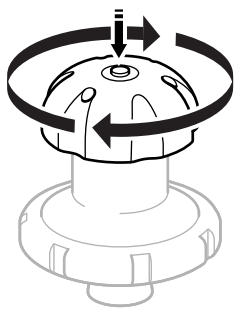
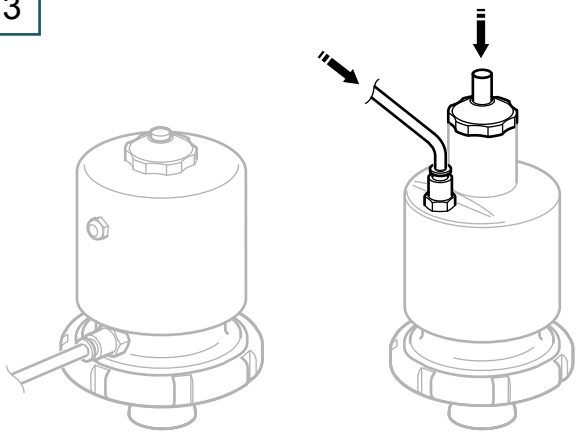
For installations with imperial fittings, replace the air connector on new pneumatic actuators with the connector in the box.



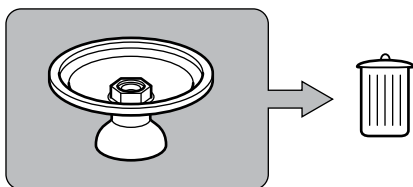
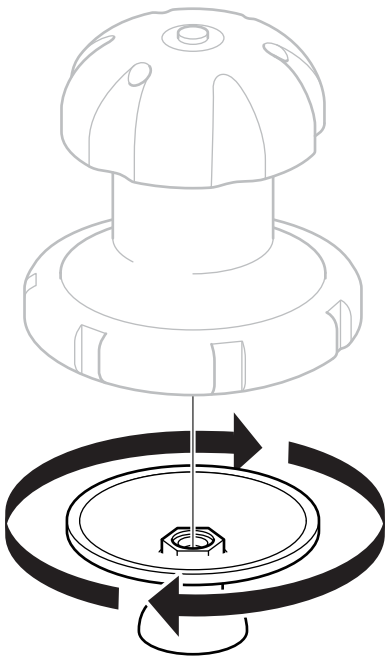
Installation Procedure



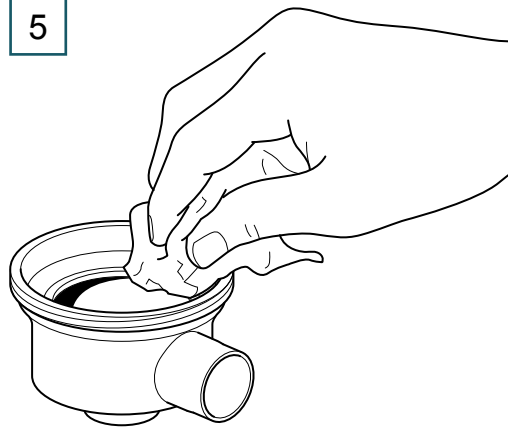
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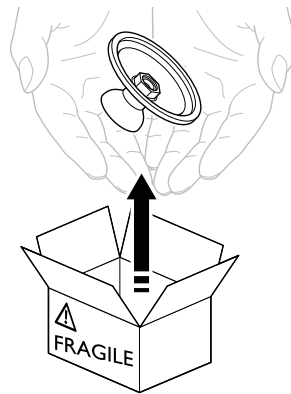
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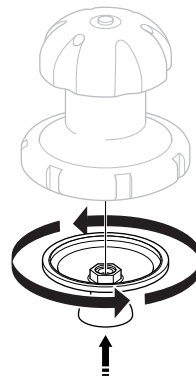
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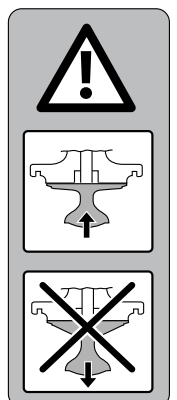
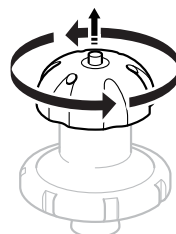
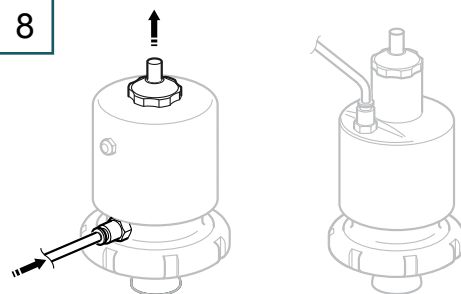
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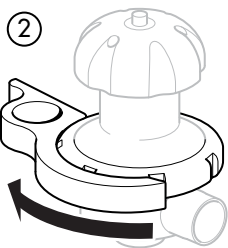
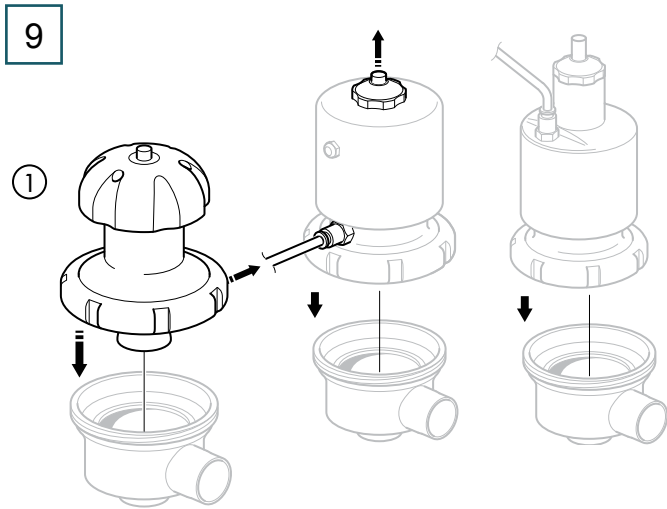


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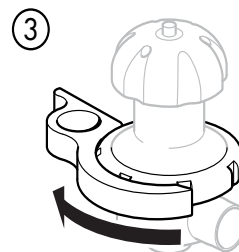
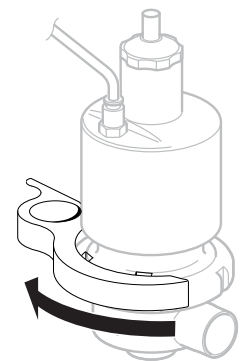
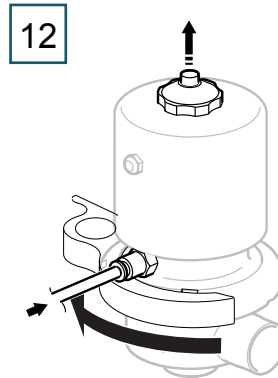
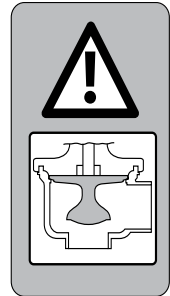
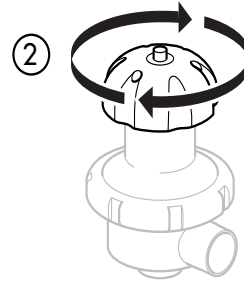
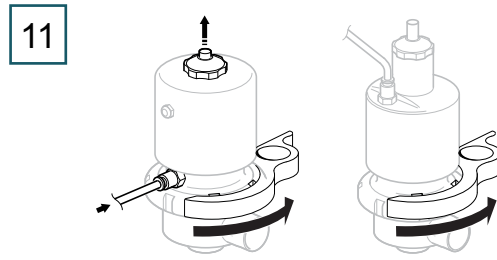
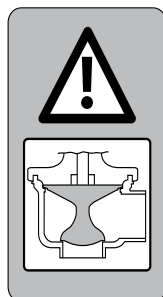
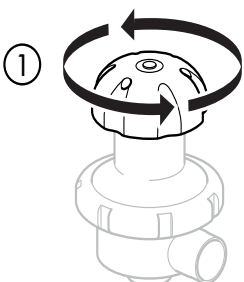
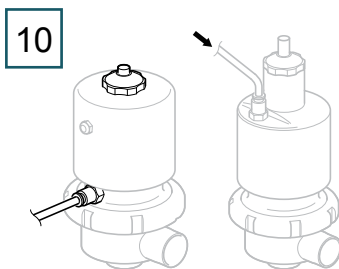
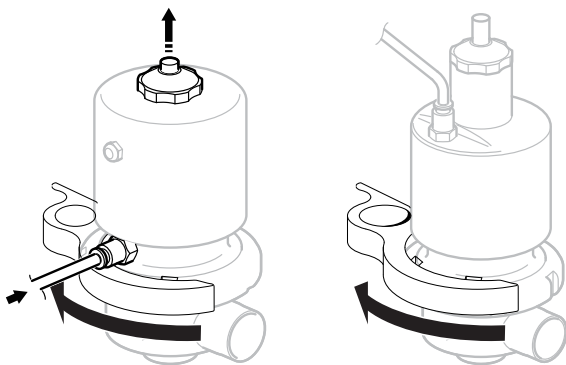


8





NOTE Use a torque wrench and tightening tool NA76/90 with diaphragm NA76/22. Tighten the nut to 40Nm.



Repeat steps 10, 11 and 12 twice.

Technical Assistance

For more information, contact the office nearest you or visit the Technical Service page at www.emdmillipore.com/techservice. Worldwide contact information is available at www.emdmillipore.com/offices.