



SAFETY RELIEF VALVE

Instructions manual

In response to growing demands for patient safety, JD Medical developed the Safety Pressure Relief Valve. This device automatically relieves pressure in the anesthesia system by opening at a set threshold, directing excess gases into the scavenger system instead of into the air. This ensures the safety of both patients and staff by reducing the risk of toxic anesthetic exposure from accidental closures or equipment failures.

*Available in both standard (20cm/H2O)
and ventilator (30cm/H2O) models*

ITEM NO.

- **JDM-SAFETY20** – Inline 20cm/H2O Pressure Relief Valve with exhaust hose and 19mm coupling tee
- **JDM-SAFETY30** – Inline 30cm/H2O Pressure Relief Valve with exhaust hose and 19mm coupling tee



The Safety Pressure Relief Valve connects to the directional valve of the anesthesia machine. Its exhaust is linked to a flexible tube that leads to the scavenging connection.

Installation Instructions:

1. Install the main body 22mm female connection onto one of the three 22mm male connections of the machine, preferably on the inspiratory breathing circuit connection or the bag port. You can use the expiratory connection, but the increased moisture can cause the valve to wear out faster than normal and lead to malfunctions.



**If installation on the expiratory connection is necessary, please orient the valve (red or black valve installed in the main body) pointed upward which will prevent the moisture from settling on the valve itself.*



For anesthesia machines like the Veta5 and WATO series with integrated ventilators, the Safety Relief Valve should be installed on the bag port so that it does not interfere with the operation of the ventilator. Those machines have built-in pressure relief systems in automatic mode.



2. Route the exhaust tubing so that it does not interfere with the operation of the anesthesia machine and connect the 19mm exhaust coupler to the exhaust connection of the pop-off valve. All standard pop-off valve exhaust connections are 19mm and this should connect directly.



3. For atypical veterinary anesthesia machines such as the Veta5, WATO, Dispomed, and other brands that have 30mm or other styles of exhausts, adapters are available and are shown below. A set of common adapters is included with the Safety Relief Valve.

ADDITIONAL ADAPTERS

Included with valve:



JDSP-1971000
30MM (F) X 22MM (M)

JDSP-7-5115
22MM (F) X 19MM (M)



JDSP-7-5105
22MM ADAPTER

Sold separately:

7500-106
1/4" HB X 15MM (M)



7500-102
1/4" HB X 15MM (F)
/22MM (M)



115-042912-00



JDSP-SCAV-30X19
30MM (M) X 19MM (M)



JDSP-SCAV-30X19-22
30MM (M) X 19MM (M)
W/ 22MM ADAPTER

WARNING: If there is a push-button occlusion valve attached to the exhaust of the pop-off valve, **DO NOT** connect the exhaust of the safety valve between the pop-off valve and the occlusion valve. It MUST be installed on the exhaust of the occlusion valve. Failure to follow these instructions will cause the pressure valve exhaust to be occluded when using the occlusion valve. This will make it impossible for it to function and pressure will continue to increase in the system if the occlusion valve is closed.



*Push-button occlusion valve placement should only look like this



SIMPLE TO USE, AND SIMPLE TO SAVE LIVES

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