

OVERPRESSURE KIT



A pressure relief valve should be connected to the cultivation vessel to prevent a rupture of the vessel due to the over-pressurization. The Overpressure Kit contents 5x pressure relief valves, 1x male-to-male Luer connector, 1x T-connector with male Luer integral lock (**Error! Not a valid bookmark self-reference.**). All items are autoclavable. Connect the pressure relief valve using a Male-to-Male Reduction in the empty luer connector placed in the vessel lid (Fig. 2A). If an empty luer connector is not available, connect the valve in the aeration tubing using a Male Luer Lock Connector with T-connector (Fig. 2B). The correct orientation of the pressure relief valve is indicated by the arrows that are marked on the valve. The arrows must point upwards. The pressure relief valve must be connected to a connector that leads into the headspace and not into the fluid. Therefore, if the luer connector in lid is used to connect the valve, the water level in the cultivation vessel should be adjusted appropriately so, the valve leads in the headspace.

Fig. 1 Overpressure Kit.

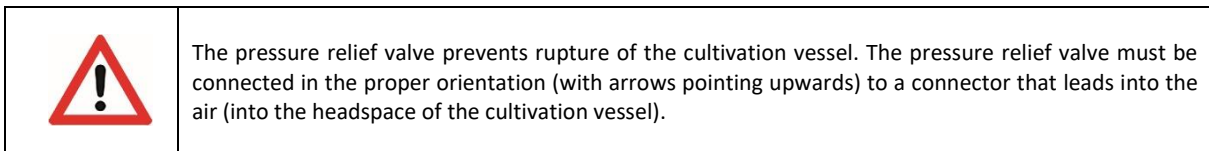


Fig. 2 Pressure relief valve: installation.

A) Pressure relief valve connected in the empty luer connector that is placed in the lid. Male to male reduction is used. Black arrows indicate the proper orientation of the valve. The relief valve must lead in the headspace not in the liquid. B) Pressure relief valve connected into the aeration tubing. Male Luer Lock Connector with T-connector are used. Black arrows indicate the proper orientation of the valve.



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