

RSV-1 REDUNDANT SUPPLY VALVE

U.S. Pat. # 5,944,054



The RSV is a modular control valve that allows a diver to switch breathing gas supplies in less than a second. The RSV is particularly useful to a diver utilizing a full face mask because it allows the diver to switch to their alternate gas supply without removing their mask (a valuable feature when diving in cold, toxic or hazardous locations).

5 Minutes to Safety

The RSV takes less than 5 minutes to install. Simply remove the supply hose to your regulator and install the RSV in-line. The connection to your alternate supply can be achieved by either a "Quick Disconnect" or a threaded fitting. When using a surface supply line, just install a check valve and the proper quick disconnect hose at the diver end.

Just One Quick Press

With the button down, the RSV is on Primary gas. Release the safety clip and press the button on the bottom of the RSV and you are now on your alternate supply (which is indicated by the brightly colored marker band at the top of the RSV)

Simplicity Strikes Again

With only one moving part maintenance is easy. Simply freshwater rinse the RSV along with your other dive gear. Dry the RSV and remove only one screw in order to disassemble and grease the "O"-rings.

Flexibility

The RSV is made from Delrin® (a high tech engineering plastic from DuPont®). The fittings are made from stainless steel and all "O"-rings are Viton®. The three connection 3 ports are identical, which allows the RSV to be configured to suit the dive mission. Adapters currently available for: Ocean Reef® full-face mask, AGA mask, EXO®, and Guardian® mask and most standard regulators with a 9/16-18 thread and also Poseidon® Regulators with the harness mount system. Quick disconnect fittings include: AGA, Air Source and Air 2 fittings. Options include: a harness mount for 2" webbing, a surface supply kit and customized fittings.

The RSV Is Only Intended For Use By Properly Trained: Rescue, Military, Technical and Commercial Divers



Interspiro® AGA Mask shown with the Sartek RSV-1 Redundant Supply Valve and the Sartek SBV-1 Surface Breathing Vent U.S. Pat.# 6,412,485



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