

ABSTRACT**ACTIVE VENTING SYSTEM**

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The active venting system for attaching on a protective gear or a respiratory device according to the present invention comprises a shell, a blower and a control unit. The blower and the control unit are placed within the shell. The control unit controls the blower. The blower has a first inlet, a second inlet and an outlet. The first inlet is corresponding to the interior of the protective gear or the respiratory device, the second inlet faces to the interior of the shell. The blower vents the wearer's exhaled air from the protective gear or the respiratory device via the first inlet and the outlet and vents the air from the interior of the shell via the second inlet and the outlet.

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Fig. 1