

Exhalation Relief Competitive Comparison

	DeVilbiss SmartFlex	ResMed EPR with EasyBreathe	Respironics C-Flex	Respironics C-Flex+
Available in Auto Mode	Yes	No	No	A-Flex
# of Selectable Pressure Relief Levels	3	3	3	3
Relative vs. Exact Pressure Drop	Exact	Exact	Relative	Relative at beginning of exhale, fixed 2cm at end of exhale
Increment of Pressure Relief Levels	1 cm H2O	1 cm H2O	Based on prescribed pressure and force of users exhalation	Based on prescribed pressure and force of users exhalation
Independent Inspiratory and Expiratory Transtions	5 settings for each	Inhale only: Medium or Fast	No	3 Selectable Transtions
Length of Pressure Drop	Through-out Exhalation	Through-out Exhalation	<1 second	Relative relief <1 second beginning of exhale, Exact 2cm drop through out exhalation
Susepensed for Apnea Events	Yes	Yes	No	No
Ramp Mode Only	Yes	Yes	No	No

The major difference compared to C-Flex is there is also a fixed 2 cm pressure drop to which the pressure settles toward the end of exhalation. This is the so-called "end exhalation pressure". The flex pressure action drops below this pressure.