



AERIS SECOND STAGE FEATURES	ATMOS Pro	ATMOS Sport	A1	Vivo	Gyro Octo	A1 Octo	Air Link
Valve Type	DEMAND	DEMAND	DEMAND	DEMAND	DEMAND	DEMAND	DEMAND
Adjustment	KNOB/VENTURI SWITCH	VENTURI SWITCH	N/A	N/A	N/A	N/A	N/A
Balancing System	PNEUMATIC	N/A	N/A	N/A	N/A	N/A	N/A
Integrated Purge Button	YES	YES	YES	YES	YES	YES	YES
Mouthpiece	ORTHODONTIC	ORTHODONTIC	ORTHODONTIC	STANDARD	STANDARD	ORTHODONTIC	ORTHODONTIC
Nitrox Compatibility	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%
Ambidextrous	NO	NO	NO	YES	YES	NO	NO
Swivel	NO	NO	NO	YES	YES	NO	NO
Weight (w/o hose)	5.4 OUNCES	7 OUNCES	6 OUNCES	5.8 OUNCES	5.8 OUNCES	6 OUNCES	7.9 OUNCES
Dimensions (front profile)	2.67"	2.67"	2.90"	3.00"	3.00"	2.90"	3.90"
Minimum Cracking Effort (CIW) *	ADJUSTABLE	1.1	1.1	1.5	1.5	1.1	1.5
Factory Set Inhalation Effort (CIW) *	1.2	1.2 – 1.4	1.2 – 1.5	1.5 – 2.0	1.5 – 2.0	1.5 – 2.0	1.6 – 2.2
Work of Breathing **	.90	.96	1.23	2.17	2.17	1.23	2.86
Warranty	2 YEAR	2 YEAR	2 YEAR	2 YEAR	2 YEAR	2 YEAR	2 YEAR

AERIS FIRST STAGE FEATURES	ATMOS Pro	ATMOS Sport	A1	Vivo
Valve Type	Balanced Diaphragm	Balanced Diaphragm	Unbalanced Piston	Unbalanced Piston
Primary Material	Marine Brass	Marine Brass	Marine Brass	Marine Brass
Low Pressure Ports	5	5	4	4
High Pressure Ports	2	2	1	1
Integrated Swivel	YES	YES	NO	NO
Nitrox Compatibility	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%
300 BAR DIN Fitting	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
Sealed Valve Design	YES	YES	NO	NO



Environmental Protection	YES	YES	NO	NO
Weight	27 OUNCES	27 OUNCES	26 OUNCES	26 OUNCES
Factory Set Intermediate Pressure	138 to 143 psi	138 to 143 psi	140 to 145 psi	140 to 145 psi
Pressure Drop **	20.1 psi	20.1 psi	13 psi	13 psi
Warranty	2 YEAR	2 YEAR	NO	NO

* CIW = Column Inches of Water

** Breathing performance testes conducted in compliance with US Navy Experimental Diving Unit protocol as outlined in the Navy Technical Diving manual 01-94, 198 fsw, 25 breaths per minute, 2.5 liters per breath.