



ultraflow™ oxygen demand valve

Effortless inhalation, exceptional durability

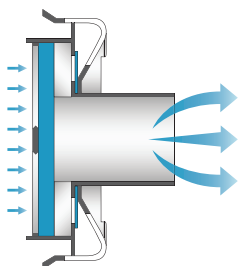
The unique design of the Ultraflow™ Oxygen Demand Valve can deliver a peak flow rate in excess of 250 L/min, effortlessly satisfying extreme peak flow demand.

With a performance unequalled by any other device, the Ultraflow™ Oxygen Demand Valve results in a more effective therapy delivery and a better patient outcome.

Technical Description

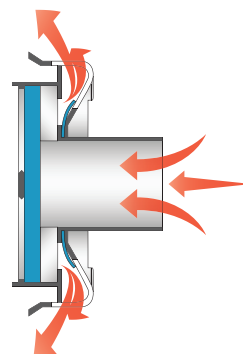
The Ultraflow™ Oxygen Demand Valve is intended for the self-administration of medical oxygen. Each Ultraflow™ Demand Valve benefits from a precision engineered and exceptionally hard ruby valve seat. This unique design eliminates wear and ensures a leak free seal, eliminating the recurrent cost of routine maintenance.

Unlike a conventional patient filter, the Ultraflow™ Exhalation Valve directs exhaled gas away from the delivery device through a one-way valve, eliminating the risk of handset contamination and preventing the oxygen being diluted by ambient air during inhalation. The one-way valve also removes the resistance to flow through filter media during exhalation, resulting in less patient effort throughout the entire breathing cycle.



Inhalation

During inhalation gas flows through an electrostatic filter with exceptionally low resistance to flow. The ultra-low resistance one-way valve is closed during inhalation.



Exhalation

The one-way valve opens at the onset of exhalation; gas is directed to atmosphere through side vents.

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SPECIFICATION

Gas Compatibility:	Medical oxygen (O ₂ /N ₂ O models also available)
Supply Pressure:	310 kPa to 600 kPa
Nominal Valve Cracking Pressure:	< 0.18 cmH ₂ O
Peak Flow:	> 250 L/min
Inlet Filtration:	25 µm nominal pore stainless steel mesh
Intended Life:	10 years
Service Interval:	5 years
Delivery Connection*:	22 mm male conical to EN ISO 5356-1
Regulatory:	ECRI Code 17169
	GMDN Code 17169
	MDD class IIa

*Suitable for a mouthpiece supplied with an exhalation valve or a face mask

REF	DESCRIPTION	QTY.
831-3003	Oxygen Demand Valve with Mini AGA connection ^(A)	-
831-2003	Oxygen Demand Valve with DIN 13260 connection ^(B)	-
831-4003	Oxygen Demand Valve with BS 5682 connection ^(C)	-
831-7003	Oxygen Demand Valve with AS 2902 connection ^(D)	-
831-1003	Oxygen Demand Valve with AFNOR connection ^(E)	-
831-5003	Oxygen Demand Valve with DISS connection ^(F)	-
828-0045	Exhalation Valve with Mouthpiece ^(G)	10
828-0044	Exhalation Valve for use with Face Mask ^(H)	10
828-0046	Adult Face Mask ^(J)	40

