ADSORBENTS

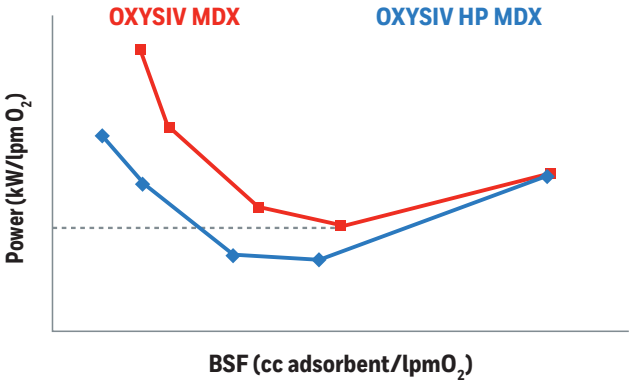
Honeywell UOP OXYSIV™ HP MDX Adsorbent

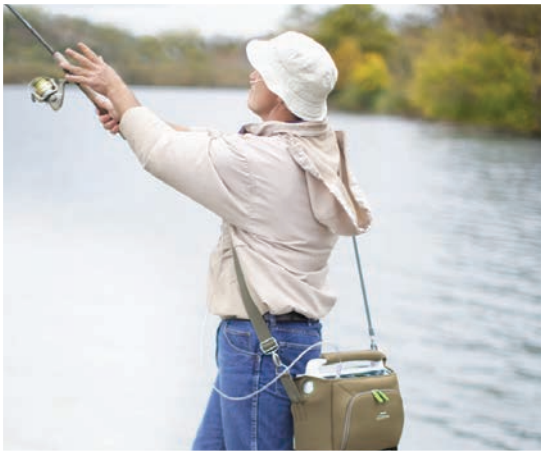
Next generation, lithium-based molecular sieve product for medical oxygen concentrators

Application

UOP OXYSIV HP MDX adsorbent provides the same physical properties as UOP's line of other OXYSIV products, while offering improved mass transfer and higher N_2 capacity.

For medical oxygen concentrator suppliers who supply stationary or portable units to generate high purity (90-95%) oxygen, the improved performance of OXYSIV HP MDX requires smaller adsorbent inventories and enables lower power consumption per liter of oxygen produced. Concentrator manufacturers can take advantage of this product to reduce the size, weight and noise of their concentrators.





Improved desiccant beads with higher performance for both portable and stationary medical oxygen concentrators.



Home stationary oxygen concentrators

Typical Physical Properties (Nominal)

	OXYSIV MDX	OXYSIV HP MDX
Bead size	30X60	30X60
Particle size diameter (mm)	0.4	0.4
Density (lb/ft^3)	38	38
(kg/m^3)	610	610
Bulk crush (PSI)	450	320
N_2 adsorption capacity (1 ATM, 25°C)	23.0 NL/kg	27.5 NL/kg
N_2/O_2 selectivity	6.2	6.2

For more information

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