



PureCube®

Safe and Efficient Filtration

PureCube® is a modern, lightweight and compact alternative to vibrating shakers and belt filters. It combines high frequency vibrations with high air flow through a rotating filterbelt and offers an unprecedented solids/liquid separation capability.

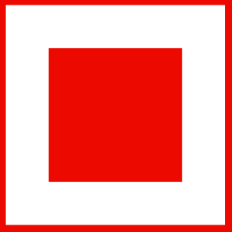
Through 10 years of successful operation within oil and gas drilling, the PureCube is field proven in the most harsh and demanding environments. The PureCube® combine high efficiency and good working conditions with its low noise level and enclosed design where no odors or harmful gases are released.



General Specifications	SI Units	Imperial
PureCube® Unit: Length / Width / Height	2657 / 2142 / 1788 mm	104.6 / 84.3 / 70,4 in
Weight of PureCube	1600 kg	3528 lb
Vacuum Pump Airflow	840 m³/h	495 cfm
Ambient Temperature	-20 - 50 °C (60 °C)	-4 - 122 °F (140 °F)
Design Process Flow Temperature	85 °C	185 °F
Standard Filterbelt (screen) mesh sizes	Ranging from 325 (45 µm) up to 20 (850 µm) *	
Active filtration area	2,5 m²	26.9 ft²
Total effective screen area	6,85 m²	73.7 ft²
PureCube® Body Material	316 L stainless steel	
Certification	ATEX Zone 1, Temp class T3, Gas group IIB	

* Other mesh sizes can be provided on request

Air & Power Requirements	SI Units	Imperial
Electrical Power Supply 440 (690) VAC, 50/60Hz	8 kW	11 HP
Compressed Air Supply (continuous)	1,94 Nm³/min @ 6 barg	69 cfm @ 87 psi
Compressed Air Supply (intermittent)	4,5 Nm³/min @ 4 barg	159 cfm @ 58 psi



CUBILITY®