



EPURA CABIN

Air pre-filtration system for heavy machinery cabins.

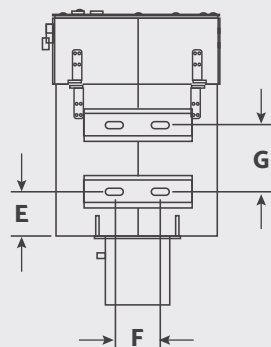
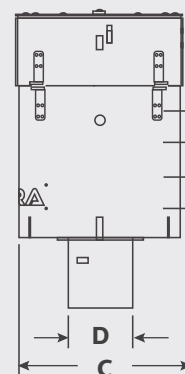
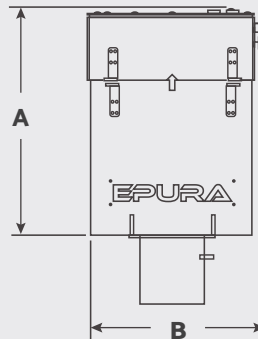
HOW IT WORKS

The infrasound self-cleaning system significantly reduces the need for regular maintenance and completely eliminates the need to change the filters of the original filtration systems. Epura Cabin allows for solid dust management, real-time pressure monitoring, and constant control of the air supplied to the cabins of heavy equipment operators.

ADVANTAGES

- ▲ Guarantees a healthy work environment by effectively filtering out surrounding dust
- ▲ Reduces the risk of health problems by protecting maintenance personnel
- ▲ Reduces equipment maintenance with its self-cleaning feature

As it is a pre-filtration system that provides a clean air supply without altering the integrity of the equipment, its installation in no way affects the equipment's warranties.

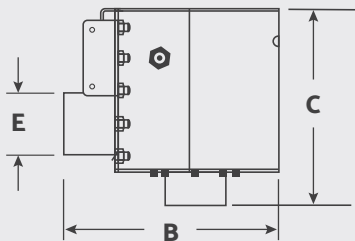
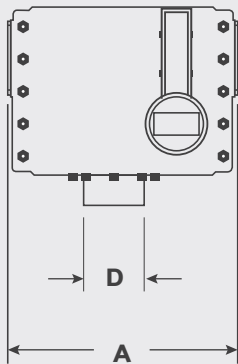


EPURA CABIN SYSTEM SIZES

Model	A mm (in)	B mm (in)	C mm (in)	D mm (in)	E mm (in)	F mm (in)	G mm (in)
EPU-G5-Co8	422 (16-5/8)	302 (11-7/8)	324 (12-3/4)	76 (3)	64 (2-1/2)	95 (3-3/4)	127 (5)
EPU-G5-B10	523 (20-5/8)	391 (15-3/8)	410 (16-1/8)	76 (3)	105 (4-1/8)	108 (4-1/4)	152 (6)

TECHNICAL DATA CHART: EPURA CABIN SYSTEMS

Model	Max pressure in Pa (inH ₂ O)	Max flow in m ³ /h (CFM)	Tension (Volt)	Intensity (Ampere)	A mm (in)	B mm (in)	C mm (in)	D mm (in)	E mm (in)
EPU-VEN-T12V-100	3730 (15)	204 (120)	12 Vcc	15 A	289 (11-3/8)	255 (10-11/16)	248 (9-3/4)	76,2 (3)	76,2 (3)
EPU-VEN-T24V-100	5723 (23)	323 (190)	24 Vcc	30 A	254 (10)	286 (11-1/4)	260 (10-1/4)	76,2 (3)	76,2 (3)



OPTION

Rechargeable granular carbon gas purification system.

APPLICATIONS

All types of heavy equipment cabins.



With Epura systems from Propulsa Innovations, the air delivered to our operators and engines is cleaner, we're making considerable savings, and we've seen improvements in the performance of our machinery. These factors make all the difference to us. »

Karl-Anton Breu, Western Equipment Management Superintendent, [Béton Provincial](#)



We got involved in the development of Propulsa Innovation's Epura technology for three reasons: they are solid, credible entrepreneurs we know; they align with our core values when it comes to health and safety; and we saw the potential for us to add value by creating a technology showcase. »

Emmanuel Bergeron, Regional Economic Development Director, [Rio Tinto](#)



The EPURA technology allows us to ensure the vehicles are very reliable, especially in terms of engine combustion, environmental performance, and operator health and safety. We had over 300 used filters to manage per year with filter changes every eight hours. We've seen a substantial boost in productivity and much better management of labour and maintenance costs. »

Patrick Dubé, Director, Marketing & Business Development, [Groupe Maltech](#)

