

altair® PBR Pre-filter Pocket



KEY BENEFITS

- Substantially increases the life of HVX, HVL, and HVV high efficiency filters
- Fully cleanable and can be changed out on load, avoiding turbine shutdowns
- High volume flow leading to small filter face area (up to 30% smaller than conventional designs)
- High dust-holding capacity and longer filter life help reduce filtration costs
- Low pressure loss helps increase power output and improve fuel efficiency
- Flat-pack pocket design reduces storage space for spare filters
- “Bag in bag” design reduces filter system depth

Increased Dust-Holding Capacity and Longer Filter Life

Specifically designed for offshore and coastal filtration needs, the CLARCOR Industrial Air **altair** PBR pre-filter pocket is a cleanable, high velocity filter bag engineered for use on its own, or as a pre-filter with CLARCOR Industrial Air HVV, HVX, and HVL high efficiency bag filters from the **altair**®System2's offshore and coastal **altair** filter range.

When used with the HV final filters, the PBR significantly increases the dust-holding capacity of the system and the life of the high efficiency filters. It also provides a cleanable filter element, which may be changed out on load—leaving the final filters in place to protect the turbine. By using the CLARCOR Industrial Air proven bag-in-bag arrangement, the PBR pre-filter element can be installed without any increase in system length.

Construction

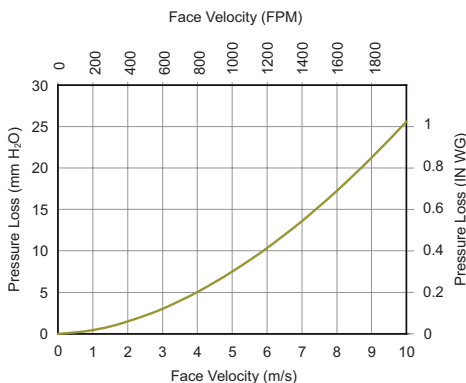
The use of advanced synthetic media combinations provides filtration and pressure loss characteristics that remain enhanced when operating in wet or dry conditions. Durable stainless steel header frames offer protection from corrosion or degradation during normal operation.

Maintenance

The **altair** PBR is easily cleaned and dry dust may be removed by inverting the bag and lightly beating the media, or by washing with fresh water. Greasy contaminants are removed by washing the media with CLARCOR Industrial Air Cleaning Fluid and rinsing with fresh water.

Performance Data

Gravimetric efficiency (arrestance) vs. ASHRAE test dust = 91%



For more information, contact your **altair** representative at **CLARCOR Industrial Air**:

11501 Outlook Street, Suite 100 | Overland Park, KS 66211
 T: +1.800.821.2222 | T: +1.816.356.8400 | F: +1.816.353.1873

3 Omega Park | Alton, GU34 2QE | United Kingdom
 T: +44 (0) 1420 541188 | F: +44 (0) 1420 541298
 Email: filtration@clarcor.com