



Diesel DAB Series Absorption Elements



Facet DAB absorption elements use multi-layered media to remove ultra-fine solids and absorb free and emulsified water from diesel fuel. As water and particulate load increases, the media swells and gradually restricts flow, ultimately shutting down the system and preventing contaminated fuel from passing downstream.

This design delivers clean, dry diesel while providing shutdown protection against severe water events. A rising differential pressure or decreasing flow rate indicates that the element has reached its capacity for solids, water, or both and should be replaced.

Specifications

- Particulate Removal Efficiency: $\beta_5 = 200$
- Standard Lengths: 14", 18", 29", 36", 43", 56"
- Outside Diameter: 6" (152 mm)
- Inside Diameter: 3.5" (89 mm)
- Flow Direction: Outside to In
- Max Operating Temperature: 180 °F (82 °C)
- Max Differential Pressure: 75 psi (5.17 bar)
- Available Configurations: Double Open-Ended or Screw Base
- Gasket: Buna-N

Part Number	Length	End Cap Style
DAB-614-5	14" (356 mm)	Double Open-Ended
DAB-614-5SB	14" (356 mm)	Screw Base
DAB-618-5	18" (457 mm)	Double Open-Ended
DAB-629-5	29" (737 mm)	Double Open-Ended
DAB-629-5SB	29" (737 mm)	Screw Base
DAB-636-5	36" (914 mm)	Double Open-Ended
DAB-643-5	43" (1092 mm)	Double Open-Ended
DAB-643-5SB	43" (1092 mm)	Screw Base
DAB-656-5	56" (1422 mm)	Double Open-Ended
DAB-656-5SB	56" (1422 mm)	Screw Base

DONALDSON COMPANY, INC.

IMPORTANT NOTICE: Many factors beyond the control of Donaldson can affect the use, performance, or results of Donaldson products or services in a particular application, including the conditions impacting how the products or services are selected, used, installed, or maintained. Because these factors are uniquely within the user's knowledge and control, it is essential the user evaluate both the products and any related services to determine their suitability for the user's intended purpose and application, including fitness for the particular purpose. All products, services, product specifications, availability and data are subject to change without notice and may vary by region or country.

© 2026 Donaldson Company, Inc. All rights reserved. Donaldson Company, Inc. reserves the right to change or discontinue any model or specification at any time and without notice.