



# KB Series - Aluminum Nema 4X Universal Drain & Breather - Thread Size 1/2 Inch NPT

By Killark  
Catalog # [KB1-4X](#)

The KB & KDB drain and breather are installed either the bottom top of an enclosure. When installed in the bottom they act as a gravity fed drain to expel moisture from condensation that can build up in electrical enclosures. When installed in the top of an enclosure it acts as a breather allowing air to enter and prevent a vacuum which can cause the drain not to flow properly. They are UL / cCSAus / FM certified for Class I Class I Zone 1 & 2 Class III, Type 4 & 4X. Also, ATEX, IEC Ex, Ex db IP66 with suffix "CEN". Review each part for hazardous rating suitability and notified body. The KB & KDB are offered in aluminum, 300 series stainless steel and 316 stainless steel. Thread sizes 1/4" to 1/2" NPT and Metric sizes M16 & M20.



\*Representative Image

## Features

- Suitable for Explosionproof and Dust-Ignitionproof environments.
- Type 3, 4, 4X rating (NEMA).
- Machined 1/2" NPT thread.
- Copper-free aluminum.
- Light Blue Anodized finish.

## Application

When installed in the top of an enclosure, these fittings act as breathers which allows air flow through the enclosure. Bottom installations permit water from condensation to drain from the enclosure continuously.

## General

Color	<ul style="list-style-type: none"> <li>• Blue</li> <li>• Bleu</li> </ul>
EU RoHS Indicator	Contact Manufacturer
Material	Aluminum, Copper Free (less than 4/10 of 1%)
Series	KB
Type	<ul style="list-style-type: none"> <li>• Drain &amp; Breather</li> <li>• Drain &amp; Breather</li> </ul>
UPC	783936121291

## Dimensions

Gross Weight with Packaging	0.3
Hub Size	1/2"
Width	4 in

## Certifications and Compliance

CSA File Number	LR11716
Hazardous Rating(s)	<ul style="list-style-type: none"> <li>• Class I, Divisions 1 &amp; 2, Groups B, C, D</li> <li>• Class I, Zones 1 &amp; 2, Groups IIB+H2, IIA</li> <li>• Class II, Divisions 1 &amp; 2, Groups E, F, G</li> <li>• Class III, Divisions 1 &amp; 2</li> </ul>

Nema Rating	3, 4, 4X
UL File Number	E10514

## Logistics

Carton Quantity	5
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## Product Assets

[Catalogs - Killark Catalog](#)  
[Certifications - KB Series Drain & Breathers UL Certification](#)  
[Customer Notices - Prop 65 Notice](#)  
[Installation Manuals - KIL\\_KB1-4X, KB1-4XS6 Universal Breather Drain IOM\\_K1440](#)



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