

# Drain, Breather, Universal Drain or Breather, Thread/Joint Lubricants

Explosionproof, Dust-Ignitionproof.

## NEC/CEC:

- Class I, Division 1 and 2 Groups B, C, D
- Class II, Division 1 and 2 Groups E, F, G
- Class III

## Applications

- To provide a means for the prevention and/or release of condensation when properly installed in the appropriate location

## Features

- Explosionproof, dust-ignitionproof.
- Accurately tapped, tapered threads for tight, rigid joints and ground continuity.

## Standard Materials

- Hazardous location combination drain/breathers: stainless steel
- Non-hazardous CRN drains: copper-free (4/10 of 1% max.) aluminum

## Standard Finishes

- Stainless steel: natural finish
- Aluminum: natural finish

## Options

- CRN: steel/zinc electroplate add suffix **-S**.

## NEC/CEC Certifications and Compliances

- UL Standard: 886 (1203)
- UL Listed: E10444
- CSA Standard: C22.2 No. 30
- CSA Certified: 065181



ECD50B4X



ECDB38

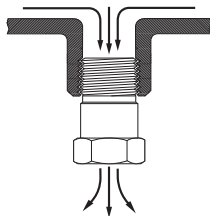


CRN38

## Illustrated Features

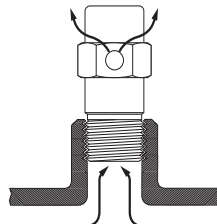
### Drain Fittings:

Generally installed at bottom of enclosure housing to drain moisture caused by condensation.



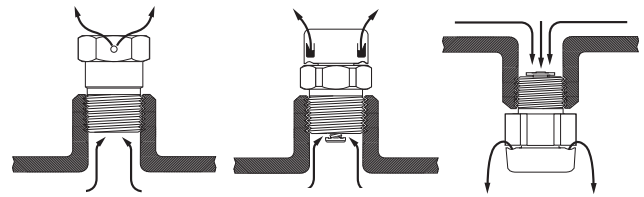
### Breather Fittings:

Generally installed at top of enclosure housing to minimize condensation.



### Universal Drain-Breather Fittings:

Generally installed at top and/or bottom of enclosure housing. The features of a drain fitting and a breather fitting are combined into one fitting.









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## NEC/CEC:

Class I, Division 1 and 2 Groups B♦, C, D  
Class II, Division 1 and 2 Groups E, F, G  
Class III

		Type	Trade Size (Inches)	Catalog Number
		<b>NEMA 3R Universal Drain or Breather</b> For high performance water drainage or continuous ventilation.	1/2	<b>ECDB50HP</b>
		<b>NEMA 4X Breather</b> For continuous ventilation.	1/2	<b>BRTB4X ♦</b>
		<b>NEMA 4X Drain</b> For automatic water drainage.	1/2	<b>ECD50B4X ♦</b>
		<b>NEMA 3R Group B Universal Drain or Breather</b> Raintight. For automatic water drainage or continuous ventilation.	3/8 1/2	<b>ECDB38B ♦</b> <b>ECDB50B ♦</b>
		<b>Groups C and D Universal Drain or Breather</b> For automatic water drainage or continuous ventilation.	3/8	<b>ECDB38</b>
		<b>Non-Hazardous Location Drain ①</b>	3/8 1/2 3/4	<b>CRN38</b> <b>CRN50</b> <b>CRN75</b>

## Thread/Joint Lubricants

Thread/joint lubricants prevent seizing and galling and reduce wear and breakage of mating parts. These lubricants have excellent qualities that inhibit corrosion and retard galvanic action on dissimilar metals.

			Size g (oz)	Catalog Number
		<b>TLNC—Non Conductive</b> Effective and stable at temperatures from -18 °C to +121 °C (0 °F to +250 °F). Petroleum based lubricant.	113.4 (4.00)	<b>TLNC-4</b>
		<b>TLC—Conductive, High-Temperature</b> Effective and stable at temperatures from -73 °C to +399 °C (-100 °F to +750 °F). Homogeneous metallic powder in a hydrocarbon agent. Supports ground continuity.	85.0 (3.00)	<b>TLC-3</b>

① Also suitable for Class I, Division 2. Not UL Listed.

♦ Indicated items in the shaded area which are UL Listed for Class I, Groups B, C, D; Class II, Groups E, F, G; Class III.