

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

Explosionproof, Dust-Ignitionproof.

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 or 1% max.) aluminum

## Standard Finishes

- Stainless steel: natural finish
- Aluminum: natural finish

## Options

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

## Certifications and Compliances

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



DRNB4X



ECDB38

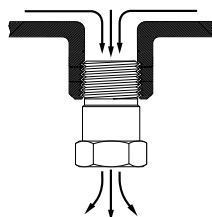


CRN38

## Illustrated Features

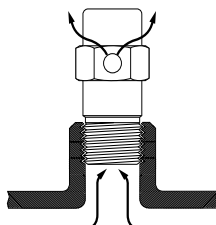
### Drain Fittings:

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



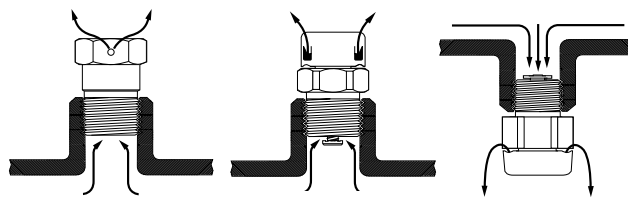
### Breather Fittings:

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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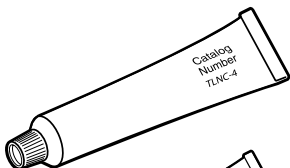
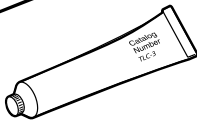
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Type		Trade Size (Inches)	Catalog Number
	<b>NEMA 3R Universal Drain or Breather</b>		
	For high performance water drainage and continuous ventilation.	1/2	<b>ECDB50HP</b>
	<b>NEMA 4X Breather</b>		
	For continuous ventilation.	1/2	<b>BRTB4X ♦</b>
	<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 and continuous ventilation.	3/8	<b>ECDB38B ♦</b>
		1/2	<b>ECDB50B ♦</b>
	<b>Groups C and D Universal Drain or Breather</b>		
	For automatic water drainage and continuous ventilation.	3/8	<b>ECDB38</b>
	<b>Non-Hazardous Location Drain †</b>		
		3/8	<b>CRN38</b>
		1/2	<b>CRN50</b>
		3/4	<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 Oz/Gs	Catalog Number
	<b>TLNC—Non Conductive</b>	
	Effective and stable at temperatures from 0 °F/-18 °C to 250 °F/ 121 °C. Petroleum based lubricant.	4.00/113.4 <b>TLNC-4</b>
	<b>TLC—Conductive, High-Temperature</b>	
	Effective and stable at temperatures from -100 °F/-73 °C to 750 °F/ 399 °C. Homogeneous metallic powder in a hydrocarbon agent. Supports ground continuity.	3.00/85.0 <b>TLC-3</b>

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

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DRNB4X



ECDB38

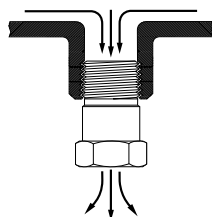


CRN38

## Illustrated Features

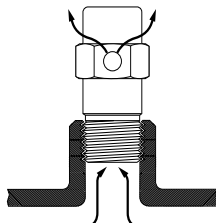
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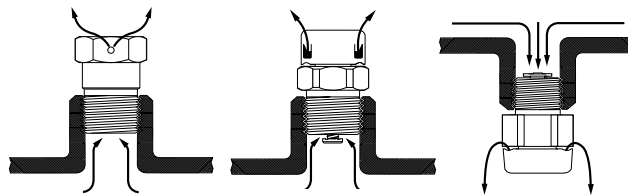
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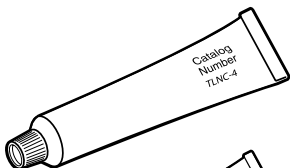
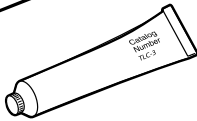
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	<b>NEMA 4X Breather</b> For continuous ventilation.	1/2	<b>BRTB4X ♦</b>
	<b>NEMA 4X Drain</b> For automatic water drainage.	1/2	<b>ECD50B4X ♦</b>
	<b>NEMA 3R Group B Universal Drain or Breather</b> Raintight. For automatic water drainage and continuous ventilation.	3/8	<b>ECDB38B ♦</b>
		1/2	<b>ECDB50B ♦</b>
	<b>Groups C and D Universal Drain or Breather</b> For automatic water drainage and continuous ventilation.	3/8	<b>ECDB38</b>
	<b>Non-Hazardous Location Drain †</b>	3/8	<b>CRN38</b>
		1/2	<b>CRN50</b>
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