

Applications:

- EGJ junction boxes are designed for flush installation in the concrete pump island of gasoline service stations

Features:

- Cover sealed with o-ring gasket to make unit raintight
- Cover recess will accept tool used to open cover of gasoline storage tank
- Two drilled and tapped conduit entrances on the bottom and six on the sides
- Plugs are provided for the two bottom entrances and four of the side entrances for choice of conduit arrangement
- ES sealing hubs thread into the bottom to seal the main feed
- Caulking compound supplied for filling space between cover flange and body rim to prevent accumulation of water, dirt and ice; compound remains pliable and is easily removed

Unused conduit entrances must be securely plugged with type PLG threaded pipe plugs to maintain flametight conditions (see section 4F). See illustration for method of constructing seals.



EGJ421



EGJ422

Ordering information:

Body size		Drilled and tapped conduit entrances				Cat. #	Cat. # Replacement cover
Length and width	Depth	No. of hubs – side	Size	No. of hubs – back	Size		
5 ³ / ₄	4 ³ / ₁₆	6	3 ³ / ₄ "	2	3 ³ / ₄ "	EGJ421	EGJ:10706L
7	5 ⁹ / ₃₂	6	3 ³ / ₄ "	2	1"	EGJ422	EGJ:10705L

Sealing hubs (ordered separately)

For	Number	Female hub size	Cat. #
EGJ421	2	1"	ES53
EGJ422	2	1 ¹ / ₄ "	ES64



Certifications and compliances:

NEC/CEC:

- Class I, Divisions 1 & 2, Group D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

UL standard:

- UL1203

CSA standard:

- C22.2 No. 30

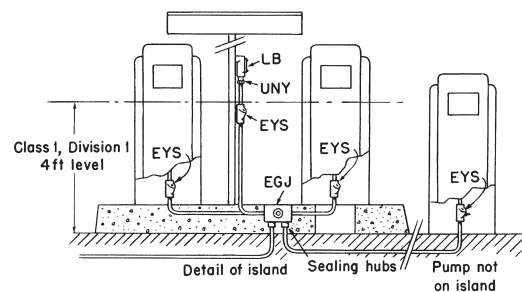
Standard materials:

- Bodies – Feraloy iron alloy
- Covers – copper-free aluminum

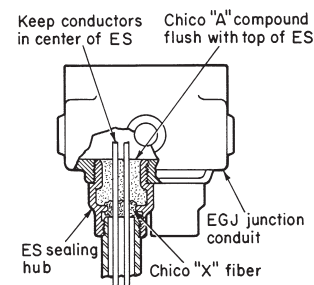
Standard finishes:

- Feraloy iron alloy – electrogalvanized and aluminum acrylic paint
- Copper-free aluminum – natural

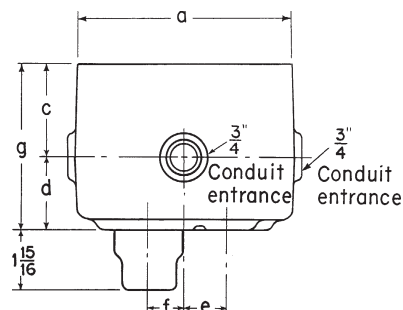
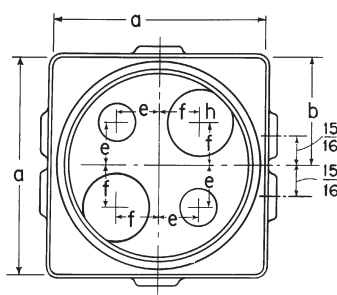
Typical installation



How to construct seal



Dimensions (in inches):



Cat. #	a	b	c	d	e	f	g	h
EGJ421	5 ³ / ₄	2 ⁷ / ₈	2 ⁷ / ₁₆	1 ³ / ₄	1 ¹ / ₈	1 ⁵ / ₁₆	4 ⁷ / ₁₆	1 ¹ / ₂ " entry
EGJ422	7	3 ¹ / ₂	3	2 ⁹ / ₃₂	1 ³ / ₈	1 ⁵ / ₈	5 ⁹ / ₃₂	2" entry

Both the EGJ421 and EGJ422 junction boxes have four drilled and tapped conduit entrances in the back (see drawing above). The two larger diameter holes are for the ES sealing hubs and there are provisions for two smaller diameter conduit entrances.

For conduit liner ordering information, see Section 6E.