

### Features

- Junction Box Enclosures for the wiring of ASCO solenoids are Raintight Type 3 and 3S, Watertight Type 4 and 4X, Submersible Type 6 and 6P, Explosion-proof Type 7, Class I, Groups B, C, and D Dust-Ignition proof Type 9, Class II, Div. 1, Groups E, F and G, Nonincendive Class I, Div. 2 (1.4 watts only)
- Approvals: UL, CSA
- Electrostatic powder paint, stainless steel screws, and molded epoxy coils provide excellent protection in corrosion environments
- Factory pre-wired and assembled to any explosionproof ASCO RedHat II solenoid valve
- Reduces installation costs by eliminating the need to use a separate explosionproof splice box to terminate the solenoid valve's wiring

### Materials of Construction

Housing and Cover	Epoxy painted die-cast aluminum
Gasket	NBR
Cover Screws	Stainless Steel
Coil	Epoxy Molded
Ground Screws	Steel
Terminal Block	Plastic
Lock Nut	Zinc

### Electrical

**Standard AC:** 24, 120, 240, 480 volts, 60 Hz  
**Voltages** or (110, 220 volts, 50 Hz)

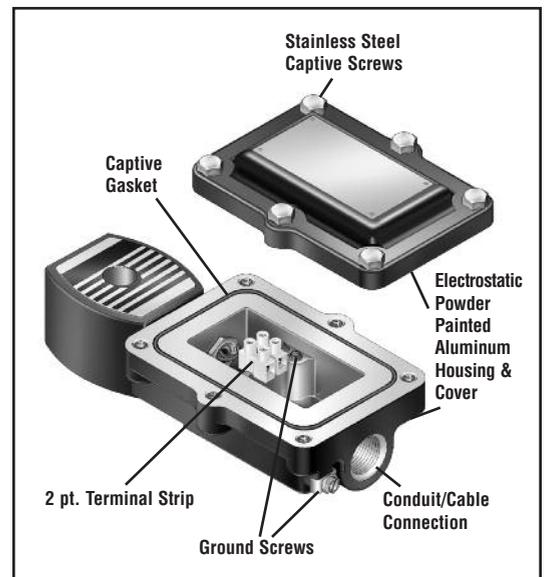
**DC:** 6, 12, 24, 120, 240

**Note:** Valves with JBEF housing maintain wattage and current ratings as shown on individual catalog sheets.

**Conduit** 1/2" NPT JBEF Prefix  
**Sizes** 3/4" NPT JCEF Prefix

### Approvals

Explosionproof Junction Box Agency Approvals					
Agency	Min. Temperature				Gas Groups
	JBEF		JCEF		
	°F	°C	°F	°C	
UL	-40	-40	-13	-25	Class I, Groups B, C, & D
CSA	-13	-25	-13	-25	Class I, Groups B, C, & D
	-40	-40	-40	-40	Class I, Groups C & D



### Ordering Information

Add prefix corresponding to specific conduit size required to any RedHat II valve catalog numbers & specify the voltage.

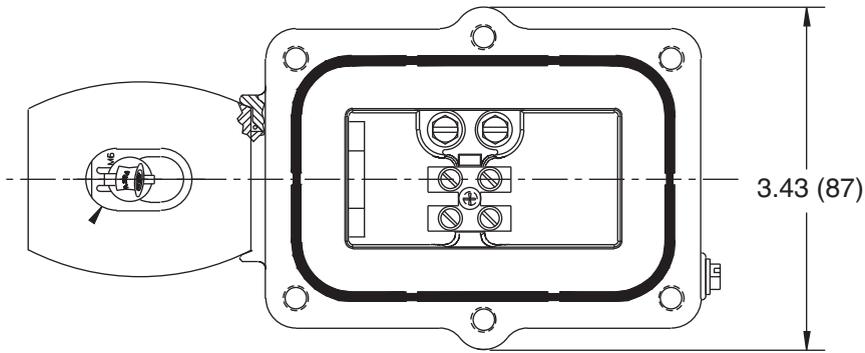
Example: JBEF8210G095, 120/60.

# Optional Features

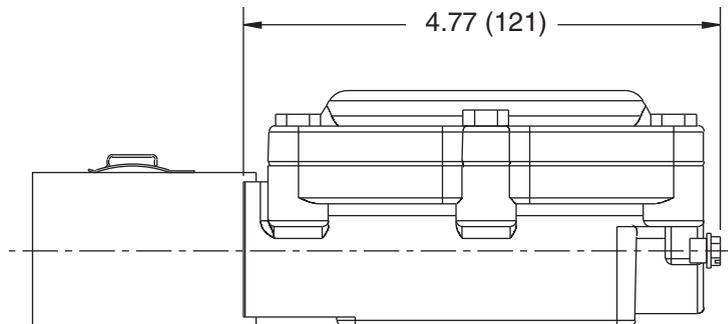
Explosionproof Junction Box for Hazardous Locations



## Dimensions: inches (mm)



SHOWN WITH SCREWS AND COVER REMOVED



## Replacement Coil Kits

Kit Number	Size (watts)	Voltage	Prefix
278000-032	6.1	120/60	JBEF
278000-132	9.1	120/60	
278001-006	10.6	24DC	
278012-032	10.1	120/60	
278012-132	17.1	120/60	
278013-006	11.6	24DC	
278024-032	16.1	120/60	
278024-132	20.1	120/60	
278013-903	1.4	12DC	
278013-902	1.4	24DC	

