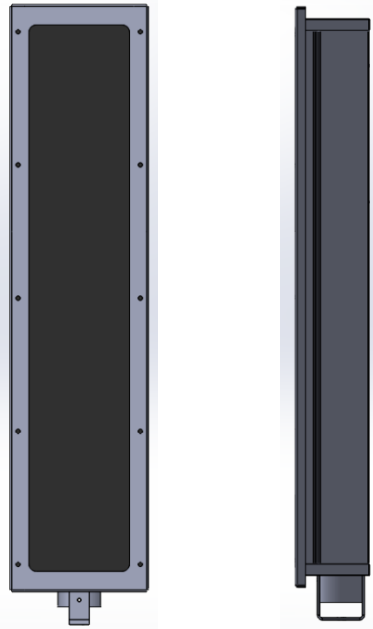


# ENGINEERING SPECIFICATIONS FOR 27" ATMOSPHERIC GAS FIRED INFRA RED BURNER



SERIES	INPUT	RADIANT SURFACE AREA	NET WEIGHT
BC27A-N BM27A-N BF27A-N	25,000– 45,000 BTU/h	135 Sq. In.	Unique Per Configuration

**Normal Manifold Pressure**

- Natural Gas- 3.5 - 6" W.C.

**Minimum Inlet Pressure**

- Natural Gas- 5" W.C.

**Available Emitter Surfaces**

- Ceramic Tiles
- Metal Foam
- Metal Fiber

**Options**

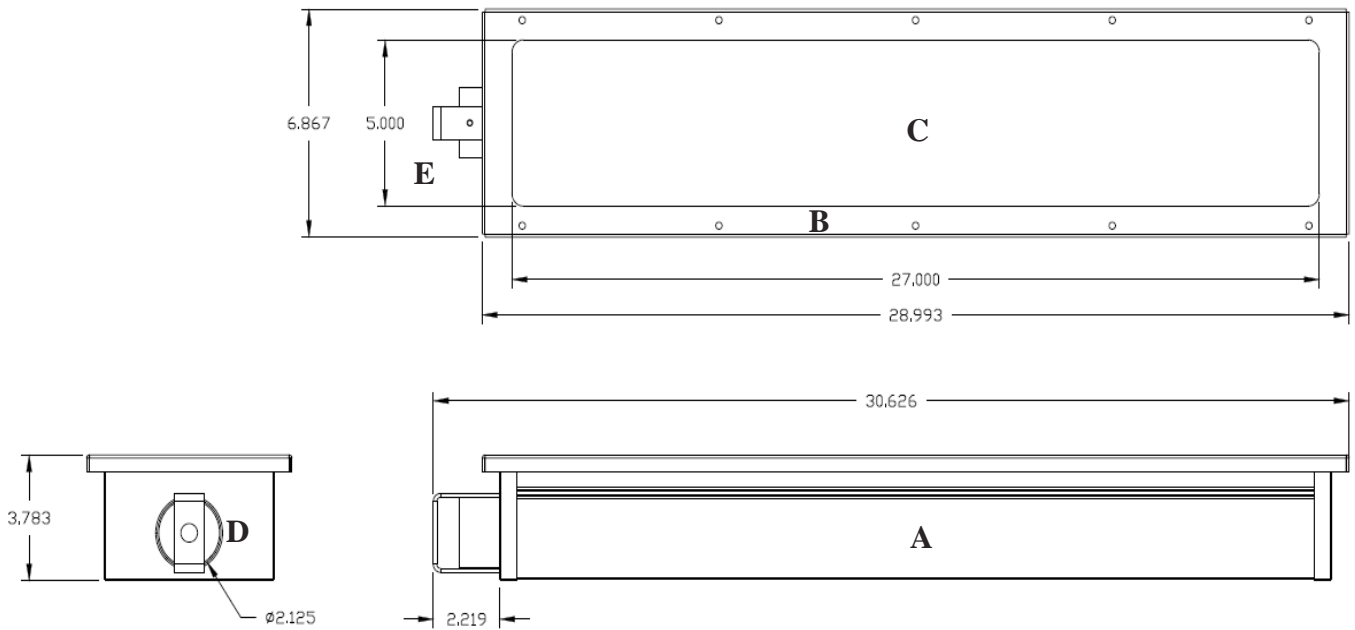
- Gas Orifice
- Gas Orifice Locator Bracket
- Brass Fittings
- Factory Pre-Burn
- Mounting Tabs
- Plenum offered in 304 Stainless Steel/430 Stainless Steel/Aluminized Steel

**NOTE:** Values and inputs may be subject to change per application or orientation.



**PROCESSBURNERS.COM**

21400 Hoover Road • Warren, Michigan 48089  
Phone: 586-756-0950 • Fax: 586-756-2626  
sales@drp-co.com • www.processburners.com



### **DESCRIPTION**

- A. Plenum Chamber (Available in 304 SST/430 SST/Aluminized Steel)
- B. Hold Down (304 Stainless Steel)
- C. Emitter Surface (Additional Options Available)
- D. Venturi
- E. Gas Orifice Locating Bracket

**NOTE:** Burner length is subject to change to meet customer demand but will not exceed 30" long.