



Venturi High Pressure Nozzle Burner

The Buzzer high pressure nozzle burner offers a powerful and efficient torch type flame using high pressure (1 PSI and above) natural or propane gas. The high-pressure burner provides a quick and very intense heat without the need for blowers, compressed air or complicated piping. Our all cast iron construction and flexible Venturi design makes them ideal performers in the metal working, foundry, forging, heat treating, glass and ceramic fields.

Features

High pressure nozzle burners come equipped with out retaining port nozzle. This unique nozzle is designed with a series of small retaining ports encircling the main exit port. The recessed design and angle position of the retaining ports prevent the main flame from being blown off the nozzle. The Buzzer High pressure nozzle burner can be positioned to fire horizontally or vertically. It can be supplied as a straight burner or equipped with 90° ell if space is limited. If the application calls for firing vertically down(towards the floor), burners

can be equipped with a 45° ell so that the Venturi remains horizontal and the nozzle can be positioned to fire down at 45° angle

| Model | Nat. Gas orifice | LP gas orifice | BTU's per hour @ 1 PSI | BTU's per hour @ 5 PSI | BTU's per hour @ 10 PSI | BTU's per hour @ 15 PSI | BTU's per hour @ 25 PSI |
|--------------|-------------------------|-----------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|
| VNB 50-HP | #73 | #75 | 5,000 | 12,000 | 16,000 | 20,000 | 25,000 |
| VNB 75-HP | #66 | #70 | 9,000 | 20,000 | 29,000 | 35,000 | 46,000 |
| VNB 100-HP | #60 | #63 | 16,000 | 35,000 | 50,000 | 61,000 | 78,000 |
| VNB 125-HP | #50 | #53 | 41,000 | 95,000 | 130,000 | 160,000 | 210,000 |
| VNB 150-HP | #43 | #48 | 68,000 | 150,000 | 212,000 | 250,000 | 310,000 |
| VNB 200-HP | 1/8" | #38 | 125,000 | 280,000 | 390,000 | 480,000 | 620,000 |
| VNB 250-HP | #29 | #32 | 160,000 | 360,000 | 500,000 | 620,000 | 800,000 |
| VNB 300-HP | #17 | #26 | 260,000 | 580,000 | 820,000 | 1,000,000 | 1,300,000 |
| VNB 400-HP | #3 | #16 | 360,000 | 480,000 | 1,200,000 | 1,500,000 | 1,900,000 |
| VNB 600-HP | 23/46" | P | 1,000,000 | 2,500,000 | 3,500,000 | 4,800,000 | 5,300,000 |