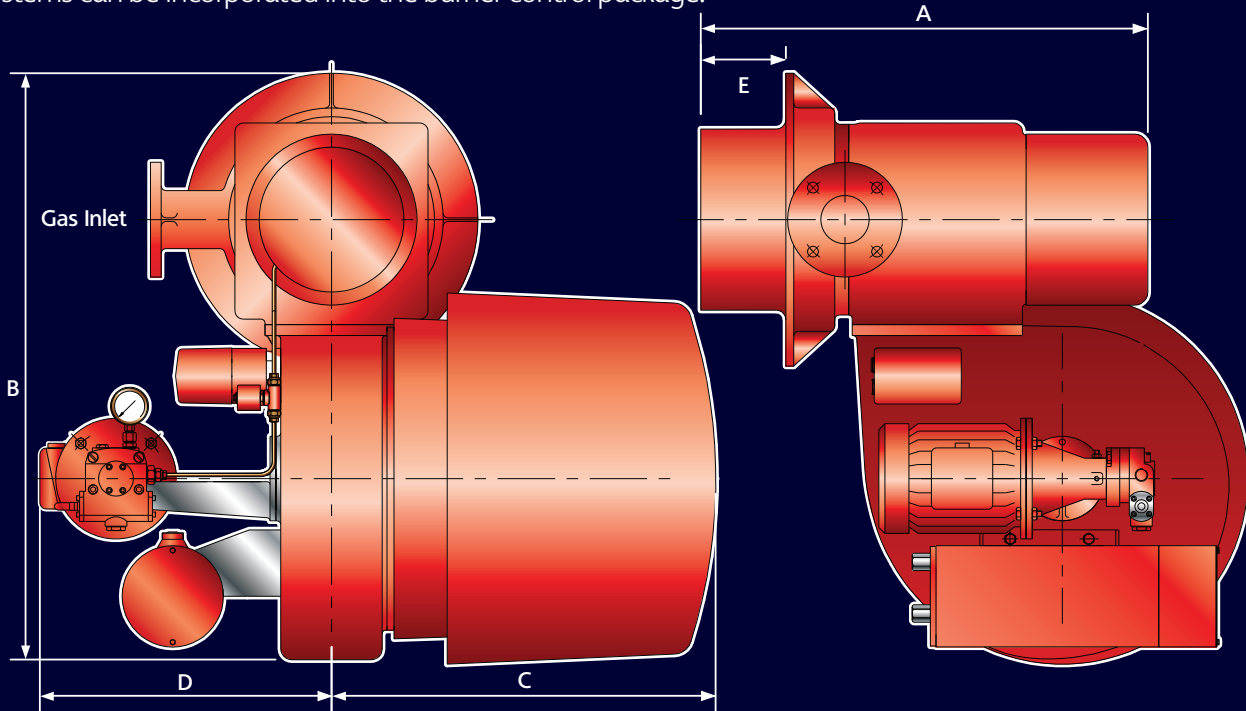


Cochran Burners

Simplex and Triplex 450-4500 kW Oil & Gas/Dual Fuel Fired Burners

Cochran combustion and control equipment suitable for firing oil or gas/dual fuel. The designs feature Cochran's unique combustion head, efficient combustion and low NOx throughout the firing range. Fully modulating options available throughout the range on all fuel types and combinations. Digital combustion systems can be incorporated into the burner control package.



Oil Fired Burners - Suitable for viscosities from 35 SRNI to 4200 SRNI as per BS 2869

| Burner Size | | | 16 Two Stage | 17 Two Stage | 17 Three Stage | 23 Three Stage | 23 Modulating |
|--|---|----|--------------|--------------|----------------|----------------|---------------|
| Dimensions | A | mm | 830 | 880 | 907 | 1106 | 1060 |
| | B | mm | 715 | 729 | 729 | 932 | 916 |
| | C | mm | 595 | 620 | 678 | 853 | 855 |
| | D | mm | 420 | 420 | 483 | 388 | 340 |
| | E | mm | 191 | 191 | 191 | 191 | 178 |
| Maximum Input | | kW | 1650 | 3100 | 3100 | 3980 | 4300 |
| Turndown | | | 2:1 | 2:1 | 3:1 | 3:1 | 3:1 |
| Operation | | | Hi/Lo | Hi/Lo | Hi/Med/Lo | Hi/Med/Lo | Modulating |
| Typical Noise Level - dBA 1m from Burner | | | 80 | 83/84 | 83/84 | 84-87 | 84-87 |
| Approximate Burner Weight | | Kg | 158 | 192 | 190 | 215 | 215 |

Gas and Dual Fired Burners

| Burner Size | | | 16 Two Stage | 17 Two Stage | 17 Three Stage | 23 Three Stage | 23 Modulating |
|--|---|----|--------------|--------------|----------------|----------------|---------------|
| Dimensions | A | mm | 827 | 876/851 | 907 | 1074 | 1060 |
| | B | mm | 684 | 729 | 729 | 932 | 916 |
| | C | mm | 595 | 620 | 678 | 853 | 855 |
| | D | mm | 420 | 420 | 483 | 388 | 340 |
| | E | mm | 166 | 166/141 | 141 | 141 | 178 |
| Maximum Input | | kW | 1650 | 3100 | 3100 | 3980 | 4300 |
| Turndown | | | 2:1 | 2:1 | 3:1 | 3:1 | 3:1 |
| Operation | | | Hi/Lo | Hi/Lo | Hi/Med/Lo | Hi/Med/Lo | Modulating |
| Typical Noise Level - dBA 1m from Burner | | | 80 | 83/84 | 83/84 | 84-87 | 84-87 |
| Approximate Burner Weight | | Kg | 184 | 220 | 230 | 250 | 240 |

Options: Two stage stepped combustion; Three stage stepped combustion; Electro/mechanical fully modulating.

+44(0) 1461 202 111 www.cochran.co.uk

Cochran Ltd Newbie Works, Annan, Dumfries & Galloway, UK DG12 5QU.

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