

450 - 4500 kW Oil and Gas Fired Packaged Burners



ENERGY SOLUTIONS WORLDWIDE

Combustion and control equipment suitable for firing oil and gaseous fuels.

With the unique BIB Cochran combustion head, efficient combustion and low NO_x throughout the firing range.

Fully modulating options available throughout the range on all fuel types and combinations.

Options for:

- Two stage stepped combustion
- Three stage stepped combustion
- Electro/mechanical fully modulating

Design concept:

- Clean Combustion
- Low Emissions
- Flexible Fuel Handling
- Low Maintenance
- Low Noise

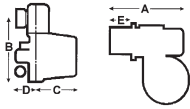
Operation:

- Noise typically 80 dBa @ 1m
- Low O₂
- NO_x, 100 mg/Nm³ on gas firing

Performance:

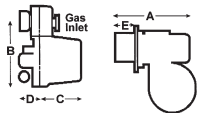
- 4:1 turndown on gas
- 3:1 turndown on oil
- Low air pressure drop
- Low inlet gas pressure

BIB Cochran 450 - 4500 kW Oil & Gas Burners



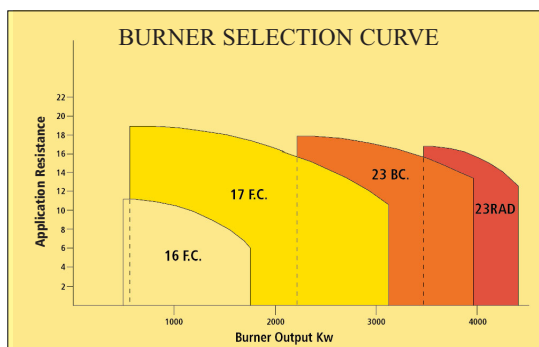
OIL FIRED BURNERS Suitable for viscosities from 35 SRNI to 4200 SRNI as per BS 2869

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



Ordering Information Requirements:

- Type of fuel e.g. oil, gas, dual fuel, dual oil
- Electrical supply
- Type of appliance to be fired
- Application resistance
- Altitude
- Ambient air conditions
- Gas pressure available at site (if applicable)



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