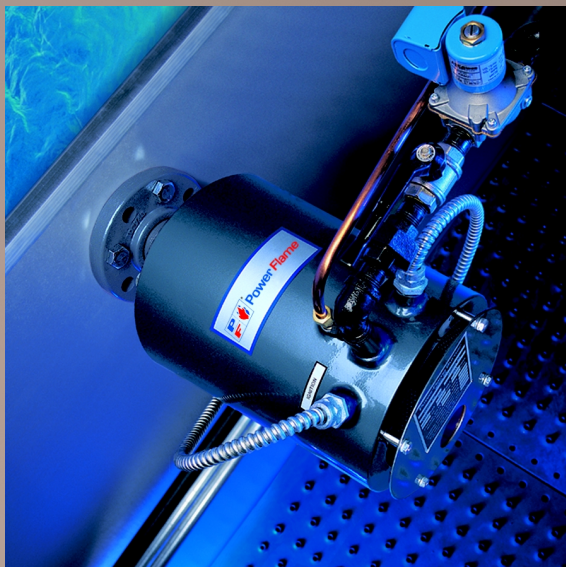


POWER FLAME[®] PROCESS BURNER

Power Flame provides single source responsibility for design and production of fully integrated combustion packages.



SMALL DIAMETER TUBE GAS BURNER TYPE CX 50,000-2,500,000 BTU

Power Flame Type CX burners feature an innovative, induced draft technology that fires directly into small diameter immersion tube heat exchangers submerged in liquids such as acids, alkali cleaners, phosphates, cooking oils, lubricating oils and waxes. Applications include metal products finishing, industrial cleaning, parts washing, aqueous solution heating, acid bath heaters and food/drink production.

Designed for 1.5 to 6" nominal diameter immersion tubes

Transfer efficiencies in excess of 80%

Lower operating and maintenance costs

Rugged construction with no exposed operating parts

CXCalc Heat Exchanger Design software to optimize layouts and system performance

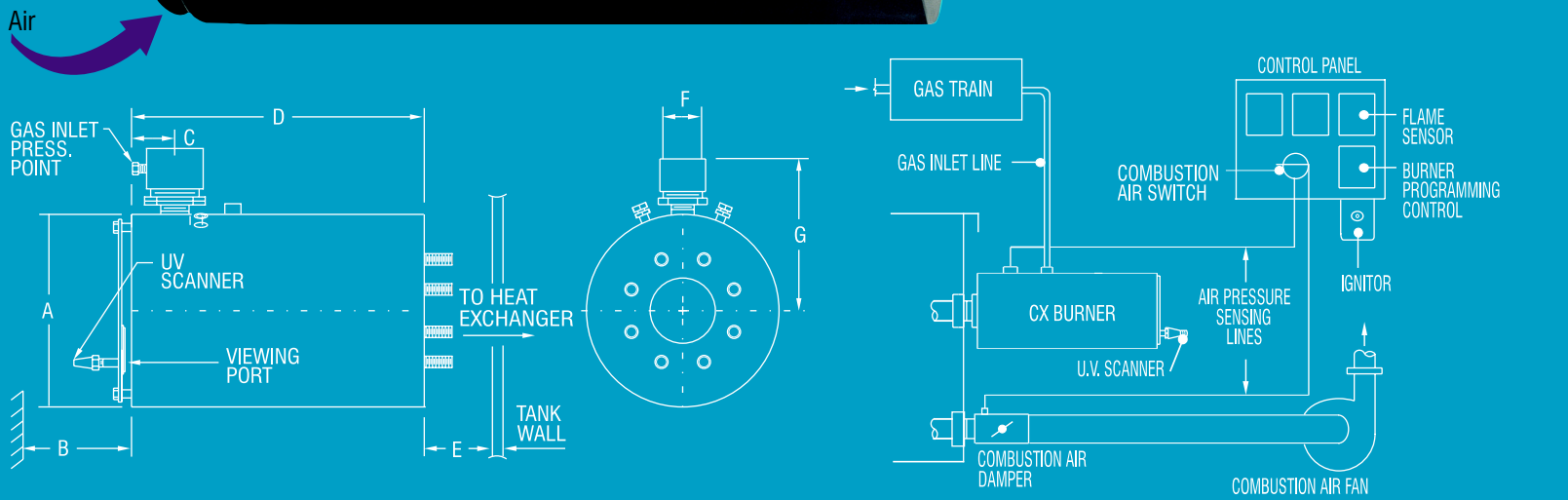
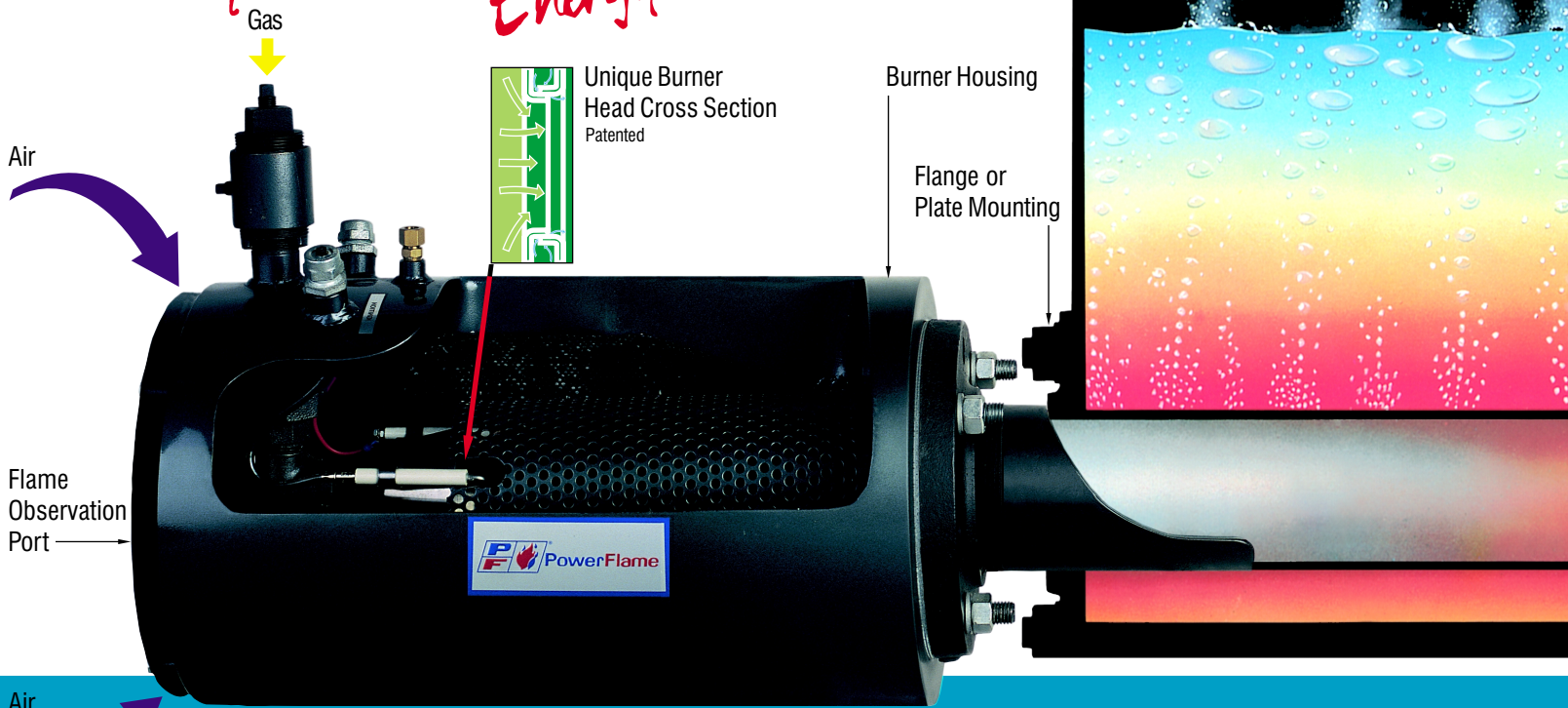
Low gas pressure supply requirements



Each burner, fan, and control system is custom designed for optimum heat exchanger operation. Our patented burner head focuses the flame for maximum efficiency. CX burners are capable of firing both natural gas and propane. Multiple burner installations can be designed to operate with a common flue.

Power Flame

The Power to Manage Energy



DIMENSIONS (Inches) Standard Models.

Burner Model	A	B	C	D	E	F	G
CX15	8 ³ / ₄	6	1 ⁵ / ₈	12	3	1/2	7
CX20	8 ³ / ₄	6	1 ⁵ / ₈	12	3	1/2	7
CX25	11 ⁵ / ₈	9	2	17 ³ / ₄	3	1	9 ⁵ / ₁₆
CX30	11 ⁵ / ₈	9	2	17 ³ / ₄	3	1	9 ⁵ / ₁₆
CX40	11 ⁵ / ₈	12	2	19 ³ / ₄	3	1 1/2	9 ⁷ / ₈
CX60	16	18	4 ³ / ₄	24 ¹ / ₂	3	2	12 ⁵ / ₈

All dimensions in inches

RATINGS & SPECIFICATIONS

Exchanger Pipe Size	Input (BTU/hr.)	Burner Head Gas Pressure
1 1/2	150,000	2.0" W.C.
2	275,000	6.0" W.C.
2 1/2	475,000	2.0" W.C.
3	750,000	4.0" W.C.
4	1,500,000	6.0" W.C.
6	2,500,000	6.0" W.C.



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