




Power Flame Inc. Burner Summary		Fuel Options	Air/Fuel Control (*)	Modulation	Applications	Industries
	CX	NAT. GAS + LPG	ON/OFF MOD	LINKAGE	<ul style="list-style-type: none"> • Heating of aqueous and liquid solutions • Acid bath heating • Food and beverage production • Industrial washing 	<ul style="list-style-type: none"> • Chemical industry • Petrochemical industry • Food industry • Laundry industry


DUTYS															
BTU/hr KCAL/hr BHP (EFIC. 80%)	30,000 7,565 0.7	40,000 10,087 1.0	50,000 12,608 1.2	100,000 25,216 2.4	150,000 37,825 3.6	200,000 50,433 4.8	300,000 75,649 7.1	400,000 100,866 9.5	700,000 176,515 16.7	2,000,000 504,328 47.6	2,200,000 554,761 52.4	3,200,000 806,925 76.2	4,000,000 1,008,656 95.2	5,000,000 1,260,820 119.0	
CX					0.150 - 2.5 MMBTU/hr										

DUTYS												
BTU/hr KCAL/hr BHP (EFIC. 80%)	8,400,000 2,118,178 200.0	8,600,000 2,168,610 204.8	11,600,000 2,925,102 276.2	12,600,000 3,177,266 300.0	15,000,000 3,782,460 357.1	19,100,000 4,816,332 454.8	25,000,000 6,304,100 595.2	53,200,000 13,415,125 1,266.7	63,200,000 15,886,332 1,500.0	64,200,000 16,188,929 1,528.6	150,000,000 37,824,600 3,571.4	
CX												

*The standard burner controls will depend on the mode of operation and capacity of each burner. Contact our Customer Service Department for more details.



Power Flame Inc.
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Power Flame Inc. Burner Summary		Fuel Options	Air/Fuel Control (*)	Modulation	Applications	Industries
	FD	NAT. GAS + LPG	ON/OFF MOD	LINKAGE	<ul style="list-style-type: none"> • Paint finish lines • Paper and textile machines • Industrial ovens and dryers • Toasters and chargers • Grain dryers • Incinerators • Smoke burning process • Air heating in ducts and chambers, etc. 	<ul style="list-style-type: none"> • Agroindustry • Food industry • Automotive industry


DUTYS														
BTU/hr KCAL/hr BHP (EFIC. 80%)	30,000 7,565 0.7	40,000 10,087 1.0	50,000 12,608 1.2	100,000 25,216 2.4	150,000 37,825 3.6	200,000 50,433 4.8	300,000 75,649 7.1	400,000 100,866 9.5	700,000 176,515 16.7	2,000,000 504,328 47.6	2,200,000 554,761 52.4	3,200,000 806,925 76.2	4,000,000 1,008,656 95.2	5,000,000 1,260,820 119.0
FD	0.030 - 5 MMBTU/hr													

DUTYS												
BTU/hr KCAL/hr BHP (EFIC. 80%)	8,400,000 2,118,178 200.0	8,600,000 2,168,610 204.8	11,600,000 2,925,102 276.2	12,600,000 3,177,266 300.0	15,000,000 3,782,460 357.1	19,100,000 4,816,332 454.8	25,000,000 6,304,100 595.2	53,200,000 13,415,125 1,266.7	63,200,000 15,886,332 1,500.0	64,200,000 16,188,929 1,528.6	150,000,000 37,824,600 3,571.4	
FD												

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Power Flame Inc. Burner Summary		Fuel Options	Air/Fuel Control (*)	Modulation	Applications	Industries
	X4-400	NAT. GAS + LPG	ON/OFF MOD	LINKAGE	<ul style="list-style-type: none"> • Water tube boilers • Fire tube boilers • Hot water boilers • Industrial process heating • Paint finish lines • Paper and textile machines • Industrial ovens and dryers • Bakery ovens • Toasters and chargers • Grain dryers • Incinerators • Smoke burning process • Air heating in ducts and chambers, etc. 	<ul style="list-style-type: none"> • Agro industry • Food industry • Automotive industry • Chemical industry • Petrochemical industry • Food industry • Hospital industry • Hotel industry
	X4-400 HTD					
	X4-700					
	X4-700 HTD					

DUTYS															
BTU/hr KCAL/hr BHP (EFIC. 80%)	30,000 7,565 0.7	40,000 10,087 1.0	50,000 12,608 1.2	100,000 25,216 2.4	150,000 37,825 3.6	200,000 50,433 4.8	300,000 75,649 7.1	400,000 100,866 9.5	700,000 176,515 16.7	2,000,000 504,328 47.6	2,200,000 554,761 52.4	3,200,000 806,925 76.2	4,000,000 1,008,656 95.2	5,000,000 1,260,820 119.0	
X4-400					0.150 - 0.400 MMBTU/hr										
X4-400 HTD		0.035 - 0.400 MMBTU/hr													
X4-700						0.200 - 0.725 MMBTU/hr									
X4-700 HTD			0.060 - 0.700 MMBTU/hr												

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Power Flame Inc. Burner Summary		Fuel Options	Air/Fuel Control (*)	Modulation	Applications	Industries
	JA	NAT. GAS + LPG	ON/OFF L-H-O L-H-L MOD	LINKAGE	<ul style="list-style-type: none"> • Water tube boilers • Fire tube boilers • Hot water boilers • Thermal fluid heaters 	<ul style="list-style-type: none"> • Oil & Gas industry • Chemical industry • Petrochemical industry • Food industry • Hospital industry • Hotel industry
	JA HTD					


DUTYS														
BTU/hr KCAL/hr BHP (EFIC. 80%)	30,000 7,565 0.7	40,000 10,087 1.0	50,000 12,608 1.2	100,000 25,216 2.4	150,000 37,825 3.6	200,000 50,433 4.8	300,000 75,649 7.1	400,000 100,866 9.5	700,000 176,515 16.7	2,000,000 504,328 47.6	2,200,000 554,761 52.4	3,200,000 806,925 76.2	4,000,000 1,008,656 95.2	5,000,000 1,260,820 119.0
JA							0.300 - 2.2 MMBTU/hr							
JA HTD			0.050 - 2.2 MMBTU/hr											

DUTYS												
BTU/hr KCAL/hr BHP (EFIC. 80%)	8,400,000 2,118,178 200.0	8,600,000 2,168,610 204.8	11,600,000 2,925,102 276.2	12,600,000 3,177,266 300.0	15,000,000 3,782,460 357.1	19,100,000 4,816,332 454.8	25,000,000 6,304,100 595.2	53,200,000 13,415,125 1,266.7	63,200,000 15,886,332 1,500.0	64,200,000 16,188,929 1,528.6	150,000,000 37,824,600 3,571.4	
JA												
JA HTD												

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Power Flame Inc. Burner Summary		Fuel Options	Air/Fuel Control (*)	Modulation	Applications	Industries
	C	NAT. GAS + LPG OIL #2 - #6	ON/OFF L-H-O L-H-L MOD	LINKAGE / LINKAGELESS	<ul style="list-style-type: none"> • Water tube boilers • Fire tube boilers • Hot water boilers • Thermal fluid heaters • Rotary drying ovens 	<ul style="list-style-type: none"> • Mining industry • Oil & Gas industry • Chemical industry • Petrochemical industry • Food industry • Hospital industry • Hotel industry


DUTYS														
BTU/hr KCAL/hr BHP (EFIC. 80%)	30,000 7,565 0.7	40,000 10,087 1.0	50,000 12,608 1.2	100,000 25,216 2.4	150,000 37,825 3.6	200,000 50,433 4.8	300,000 75,649 7.1	400,000 100,866 9.5	700,000 176,515 16.7	2,000,000 504,328 47.6	2,200,000 554,761 52.4	3,200,000 806,925 76.2	4,000,000 1,008,656 95.2	5,000,000 1,260,820 119.0
C	0.098 - 19.1 MMBTU/hr													

DUTYS												
BTU/hr KCAL/hr BHP (EFIC. 80%)	8,400,000 2,118,178 200.0	8,600,000 2,168,610 204.8	11,600,000 2,925,102 276.2	12,600,000 3,177,266 300.0	15,000,000 3,782,460 357.1	19,100,000 4,816,332 454.8	25,000,000 6,304,100 595.2	53,200,000 13,415,125 1,266.7	63,200,000 15,886,332 1,500.0	64,200,000 16,188,929 1,528.6	150,000,000 37,824,600 3,571.4	
C	0.098 - 19.1 MMBTU/hr											

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Power Flame Inc. Burner Summary		Fuel Options	Air/Fuel Control (*)	Modulation	Applications	Industries
	CMAX	NAT. GAS + LPG OIL #2 - #6	MOD	LINKAGE / LINKAGELESS	<ul style="list-style-type: none"> • Water tube boilers • Fire tube boilers • Hot water boilers • Thermal fluid heaters • Rotary drying ovens 	<ul style="list-style-type: none"> • Mining industry • Oil & Gas industry • Chemical industry • Petrochemical industry • Food industry • Hospital industry


DUTYS														
BTU/hr KCAL/hr BHP (EFIC. 80%)	30,000 7,565 0.7	40,000 10,087 1.0	50,000 12,608 1.2	100,000 25,216 2.4	150,000 37,825 3.6	200,000 50,433 4.8	300,000 75,649 7.1	400,000 100,866 9.5	700,000 176,515 16.7	2,000,000 504,328 47.6	2,200,000 554,761 52.4	3,200,000 806,925 76.2	4,000,000 1,008,656 95.2	5,000,000 1,260,820 119.0
CMAX														

DUTYS												
BTU/hr KCAL/hr BHP (EFIC. 80%)	8,400,000 2,118,178 200.0	8,600,000 2,168,610 204.8	11,600,000 2,925,102 276.2	12,600,000 3,177,266 300.0	15,000,000 3,782,460 357.1	19,100,000 4,816,332 454.8	25,000,000 6,304,100 595.2	53,200,000 13,415,125 1,266.7	63,200,000 15,886,332 1,500.0	64,200,000 16,188,929 1,528.6	150,000,000 37,824,600 3,571.4	
CMAX				12 - 150 MMBTU/hr								

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Power Flame Inc. Burner Summary		Fuel Options	Air/Fuel Control (*)	Modulation	Applications	Industries
	UCMAX	NAT. GAS + LPG OIL #2 - #2	MOD	LINKAGELESS	<ul style="list-style-type: none"> • Water tube boilers • Fire tube boilers • Hot water boilers • Thermal fluid heaters 	<ul style="list-style-type: none"> • Oil & Gas Industry • Chemical industry • Petrochemical industry • Food industry • Hospital Industry


DUTYS														
BTU/hr KCAL/hr BHP (EFIC. 80%)	30,000 7,565 0.7	40,000 10,087 1.0	50,000 12,608 1.2	100,000 25,216 2.4	150,000 37,825 3.6	200,000 50,433 4.8	300,000 75,649 7.1	400,000 100,866 9.5	700,000 176,515 16.7	2,000,000 504,328 47.6	2,200,000 554,761 52.4	3,200,000 806,925 76.2	4,000,000 1,008,656 95.2	5,000,000 1,260,820 119.0
UCMAX														

DUTYS												
BTU/hr KCAL/hr BHP (EFIC. 80%)	8,400,000 2,118,178 200.0	8,600,000 2,168,610 204.8	11,600,000 2,925,102 276.2	12,600,000 3,177,266 300.0	15,000,000 3,782,460 357.1	19,100,000 4,816,332 454.8	25,000,000 6,304,100 595.2	53,200,000 13,415,125 1,266.7	63,200,000 15,886,332 1,500.0	64,200,000 16,188,929 1,528.6	150,000,000 37,824,600 3,571.4	
UCMAX	8.4 - 53 MMBTU/hr											

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Power Flame Inc. Burner Summary		Fuel Options	Air/Fuel Control (*)	Modulation	Applications	Industries
	Nova Plus (NVC)	NAT. GAS + LPG	MOD	LINKAGELESS	<ul style="list-style-type: none"> • Water tube boilers • Fire tube boilers • Hot water boilers • Thermal fluid heaters 	<ul style="list-style-type: none"> • Oil & Gas Industry • Chemical industry • Petrochemical industry • Food industry • Hospital Industry


DUTYS														
BTU/hr KCAL/hr BHP (EFIC. 80%)	30,000 7,565 0.7	40,000 10,087 1.0	50,000 12,608 1.2	100,000 25,216 2.4	150,000 37,825 3.6	200,000 50,433 4.8	300,000 75,649 7.1	400,000 100,866 9.5	700,000 176,515 16.7	2,000,000 504,328 47.6	2,200,000 554,761 52.4	3,200,000 806,925 76.2	4,000,000 1,008,656 95.2	5,000,000 1,260,820 119.0
Nova Plus (NVC)										2 - 64 MMBTU/hr				

DUTYS												
BTU/hr KCAL/hr BHP (EFIC. 80%)	8,400,000 2,118,178 200.0	8,600,000 2,168,610 204.8	11,600,000 2,925,102 276.2	12,600,000 3,177,266 300.0	15,000,000 3,782,460 357.1	19,100,000 4,816,332 454.8	25,000,000 6,304,100 595.2	53,200,000 13,415,125 1,266.7	63,200,000 15,886,332 1,500.0	64,200,000 16,188,929 1,528.6	150,000,000 37,824,600 3,571.4	
Nova Plus (NVC)	2 - 64 MMBTU/hr											

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Power Flame Inc. Burner Summary		Fuel Options	Air/Fuel Control (*)	Modulation	Applications	Industries
	Nova Plus 2	NAT. GAS + LPG	MOD	LINKAGELESS	<ul style="list-style-type: none"> • Water tube boilers • Fire tube boilers • Hot water boilers • Thermal fluid heaters 	<ul style="list-style-type: none"> • Oil & Gas Industry • Chemical industry • Petrochemical industry • Food industry • Hospital Industry


DUTYS														
BTU/hr KCAL/hr BHP (EFIC. 80%)	30,000 7,565 0.7	40,000 10,087 1.0	50,000 12,608 1.2	100,000 25,216 2.4	150,000 37,825 3.6	200,000 50,433 4.8	300,000 75,649 7.1	400,000 100,866 9.5	700,000 176,515 16.7	2,000,000 504,328 47.6	2,200,000 554,761 52.4	3,200,000 806,925 76.2	4,000,000 1,008,656 95.2	5,000,000 1,260,820 119.0
Nova Plus 2									0.4 - 8.6 MMBTU/hr					

DUTYS												
BTU/hr KCAL/hr BHP (EFIC. 80%)	8,400,000 2,118,178 200.0	8,600,000 2,168,610 204.8	11,600,000 2,925,102 276.2	12,600,000 3,177,266 300.0	15,000,000 3,782,460 357.1	19,100,000 4,816,332 454.8	25,000,000 6,304,100 595.2	53,200,000 13,415,125 1,266.7	63,200,000 15,886,332 1,500.0	64,200,000 16,188,929 1,528.6	150,000,000 37,824,600 3,571.4	
Nova Plus 2												

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Power Flame Inc. Burner Summary		Fuel Options	Air/Fuel Control (*)	Modulation	Applications	Industries
	Nova Premix	NAT. GAS + LPG	ON/OFF L-H-O L-H-L MOD	LINKAGE / LINKAGELESS	<ul style="list-style-type: none"> • Water tube boilers • Fire tube boilers • Hot water boilers • Thermal fluid heaters 	<ul style="list-style-type: none"> • Oil & Gas Industry • Chemical industry • Petrochemical industry • Food industry • Hospital Industry

DUTYS														
BTU/hr KCAL/hr BHP (EFIC. 80%)	30,000 7,565 0.7	40,000 10,087 1.0	50,000 12,608 1.2	100,000 25,216 2.4	150,000 37,825 3.6	200,000 50,433 4.8	300,000 75,649 7.1	400,000 100,866 9.5	700,000 176,515 16.7	2,000,000 504,328 47.6	2,200,000 554,761 52.4	3,200,000 806,925 76.2	4,000,000 1,008,656 95.2	5,000,000 1,260,820 119.0
Nova Premix									0.4 - 2.2 MMBTU/hr					

DUTYS												
BTU/hr KCAL/hr BHP (EFIC. 80%)	8,400,000 2,118,178 200.0	8,600,000 2,168,610 204.8	11,600,000 2,925,102 276.2	12,600,000 3,177,266 300.0	15,000,000 3,782,460 357.1	19,100,000 4,816,332 454.8	25,000,000 6,304,100 595.2	53,200,000 13,415,125 1,266.7	63,200,000 15,886,332 1,500.0	64,200,000 16,188,929 1,528.6	150,000,000 37,824,600 3,571.4	
Nova Premix												

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