

# Power Flame Incorporated

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## VECTOR BURNER APPLICATION DATA SHEET

Job Name:	Control No.:	Date:
Customer Name:	Contact Person:	
Job Site Location:	End User:	
Site Elevation:	Design Comb. Air Temp:	

Boiler Mfg. & Model:		Max. Heat Input (MBH or HP):	
Type:	Scotch Mar.	Firebox	D A O
		Package	Retrofit
No. of Units:	No. of Burners per Boiler:		Front Wall Depth:
Furnace Dim:	L	xW	xH
Furnace Pressure (Note 1):			
Firebox Heat Density (Btu/Ft <sub>3</sub> ) (Note 2):		Stack Exit Temp.:	
Boiler Oper. Press.:	Relief Valve:	psig	Water Temp.:
			Feed Water Temp.:
Burner Clearance to Floor:		Avail. Clearances from Boiler Front (Note 3):	

Fuel(s):	Nat. Gas	LP Gas	Oil	#2	#4	#6	Others	(Note 4)
Gas Supply Pressure:		Oil Temp. & Viscosity:			Pressure Available:			
Atomizing Media:	Steam/Air		Pressure Avail.:			PFI Supplied:		
Perf. Specs:	NO <sub>x</sub>	CO		ExcessO <sub>2</sub>		Smoke		
Turndown		Particulates		% Eff.		Burner Extension		
Gas Train:	Style A	Style B		Installed:		PW & SL:		
Oil Train:	Left	Right		Steam Train:	Left	Right		

Insurance/Code Requirements:										
Indoors/Outdoors			Elec. Nema		1	3	3R	4	7	12
Supply Voltage:	VAC		PH		Hz					

Vector Model Selected:			
Non Standard Features:	Tube Length:	Blower/Motor:	Mounting:
Others:			
Note 1: Specify with or without FGR. Note 2: Density greater than 175,000 Btu/Ft <sub>3</sub> requires Engineering review for emissions performance. Note 3: Check for access to furnace. Access not available through burner. Note 4: Attach fuel composition.			