

Versa Jet™ Burner

The Astec Versa Jet burner is an evolutionary leap forward. One versatile platform can be quickly configured to fire at 25, 35, 50, 65, 75 or 100 mm BTU/hr. Ideal for retrofit applications or anytime versatility and flexibility are prioritized, the Versa Jet burner fits nearly any drum configuration.

CONFIGURABLE

An ingenious base platform can be easily modified to conform to a number of different drum styles. This versatile burner combines three burner packages in one platform which can be easily adapted at the install site. Long or short nose versions available. Option for flame adjustments.

IDEAL FOR RETROFIT APPLICATIONS

Upgrade your performance or maintain compliance by upgrading a less efficient or obsolete burner with a new Versa Jet burner. The Astec Versa Jet burner is ideal for retrofit applications. An adaptable design is compatible with virtually all drum designs without complicated drum modifications.

QUICK DELIVERY, QUICK SETUP

The unique platform of the Astec Versa Jet burner permits quick delivery and setup. Minimizing downtime maximizes profitability and the streamlined design of Versa Jet burner ensures that these burners are ready to ship to your site quickly and can be installed with minimal modifications needed.

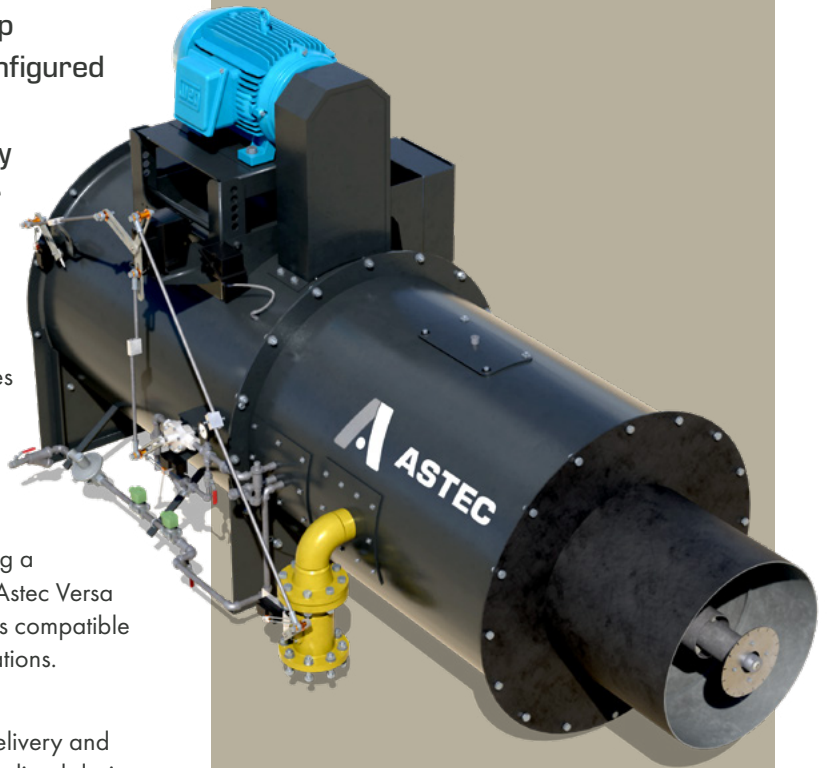
FUEL TRAIN OPTIONS

The highly adaptable Astec Versa Jet burner can be purchased with a fuel train, or without a fuel train when a functional fuel train is already on-site and available to be used. Fuel types that can be used: natural gas, #2 and recycled fuel oil, and LP in liquid and vapor forms

BURNER FIRING SPECS

	VJ25	VJ35	VJ50	VJ65	VJ75	VJ100
MAXIMUM OUTPUT - MILLIONS OF BTU/HR (WITH 20% XSA)	25	35	50	65	75	100
NOMINAL AGGREGATE DRYING CAPACITY TPH (AT 5% MOISTURE)	100	140	200	260	300	400
BURNER AIR CAPACITY SCFH (MILLIONS)	0.3	0.42	0.6	0.8	0.9	1.2
INTEGRAL BLOWER HORSEPOWER	30	30	30	60	60	60
OIL ATOMIZING AIR REQUIREMENT SCFM (LOW FIRE / HIGH FIRE)	60/45	60/45	60/45	100/60	100/60	100/60

Above conditions are standard at 70° F at sea level. Nominal aggregate drying capacity based on typical exhaust stack temperatures of 240° F, 0.2 BTU/Lbm F specific heat in the aggregate. Advertised numbers are achievable in some conditions, but not guaranteed.



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