

DIRECT FIRED FURNACE BURNERS

ThermJet

The ThermJet features the highest flame velocities available in the industry. It offers 14 sizes, with a variety of configurable options, including the choice of Pre-Heated Combustion Air on all sizes.

Overview



The ThermJet Direct Fire Burners Feature the Highest Flame Velocities Available. The industry standard for velocity burners, the low NOx ThermJet represents a technological leap forward in every area of design and performance. Comparison tests show that ThermJet delivers the lowest emissions of any competitive model. Integrated gas and air orifices simplify burner piping, set-up and adjustment. Air and gas inlets are independently adjustable in 90-degree increments to suit a variety of piping alternatives. The burners are available in 14 sizes with maximum capacities ranging from 150,000 to 20,000,000 Btu/hr. All models are also available for use with preheated combustion air. Installation, operation and maintenance are simple and cost effective. ThermJet direct fire burners are made to last - with rugged Eclipse dependability and reliability built in.

Features & Benefits:

- Highest velocity flame. ThermJet produces an intense stream of hot gases to thoroughly penetrate the load and deliver precise temperature uniformity for consistent product quality and system efficiency
- Large turndown combined with high excess air. A wide turndown range with high excess air means ThermJet delivers high velocity benefits and efficiencies across its operating range
- Dependable ignition. With ThermJet you can light anywhere in the ignition range with no pilot required
- Customization with packaged convenience. All ThermJet components have been pre-engineered to come together to meet your specific requirements. You choose the capacity range, combustor type, fuel type, thread type and flame sensing components you need to do the job
- Unparalleled fuel and control convenience. ThermJet offers the convenience of multi-fuel capability with no nozzle change. Plus, you can use any control methodology...pulse firing, excess air or stoichiometric

More Information:

- [Technical Information for TJ, TJPCA](#)
- [Find products in ProFi for TJ](#)
- [Find spare parts in PartDetective for ThermJet](#)

Filters

▼ CATEGORY Clear

Spare Part

Base Part

▼ TYPE Clear

Refractory Combustor

Nozzle

Alloy Combustor

Inlet Block

Refractory Combustor Assembly

Gasket

Burner Kit

Showing 1 to 10 of 307 parts

Q Search	
PART NUMBER	DESCRIPTION
10004495	HLDR, CMBSTR, RFRCT, TJ, TJ0750, TJ1000
10005394-1	CMBSTR, ALLY, 630MM LG, 220MM OUTLT, SZ 7, AI
10007035	CMBSTR, RFRCT, TJ, TJ0750, TJ1000
10007168	CMBSTR, ALLY, 630MM LG, 220MM OUTLT, SZ 7, AI
10007413-1	NZL, TJ, SZ 7, TJ0750, TJ1000
10007512	NZL, MACH, TJ1500, TJ1000
10007632	CMBSTR, RFRCT, TJ, TJ0750, TJ1000
10007632-68	ASY, CMBSTR, RFRCT, TJ, TJ0750, TJ1000
10015556-1	TB, ATM, ASY, TJ LQD, TJ0750, TJ1000
10015564	BOLT, ANCH, M10

Rows 10 ▼

Product Number



Please sign in to view part numbers available for purchase based on your account

PART NUMBER	DESCRIPTION
10004495	HLDR, CMBSTR, RFRCT, TJ, TJ0750, TJ1000
10004495	HLDR, CMBSTR, RFRCT, TJ, TJ0750, TJ1000
10005394-1	CMBSTR, ALLY, 630MM LG, 220MM OUTLT, SZ 7, AI

10005394-1	CMBSTR,ALLY,630MM LG,220MM OUTLT,SZ 7,AI
10007035	CMBSTR,RFRCT,620MM LG,220MM DIA,SZ 8
10007035	CMBSTR,RFRCT,620MM LG,220MM DIA,SZ 8
10007168	CMBSTR,ALLY,630MM LG,406MM OUTLT,SZ 7,AI
10007168	CMBSTR,ALLY,630MM LG,406MM OUTLT,SZ 7,AI
10007413-1	NZL,TJ,SZ 7,TJ0750,TJ1000,SS
10007413-1	NZL,TJ,SZ 7,TJ0750,TJ1000,SS
10007512	NZL,MACH,TJ1500,TJ2000,SZ 8,ASTM A743 CF
10007512	NZL,MACH,TJ1500,TJ2000,SZ 8,ASTM A743 CF
10007632	CMBSTR,RFRCT,620MM LG,385MM DIA,SZ 8
10007632	CMBSTR,RFRCT,620MM LG,385MM DIA,SZ 8
10007632-68	ASY,CMBSTR,RFRCT,620MM LG,385MM DIA,SZ 8
10007632-68	ASY,CMBSTR,RFRCT,620MM LG,385MM DIA,SZ 8
10015556-1	TB,ATM,ASY,TJ LQD,TJL0030
10015556-1	TB,ATM,ASY,TJ LQD,TJL0030
10015564	BOLT,ANCH,M10
10015564	BOLT,ANCH,M10