

NARITA

METALLIC JET BURNER

NMJ-50K NMJ-100K



●FEATURES

- As the BURNER itself is made of metal, it is excellent in mechanical strengths and besides it is light and compact.
- As the combustion gas will jets out at high speed (80m/sec), it can stir up the air inside the Furnace well, allowing to make uniform heating.
- As the combustion is made under high load, no combustion chamber is required.
- As the Premix System is adopted, no reverse firing will be seen and high turn-down ratio can be provided.
- Such wide range of temperatures as ranging between low-temperatures area and 1000°C are available.
- As the BURNER is developed exclusive to LPG, it is free from the trouble of carbonization at low inputting and besides it will provide a blue flame in combustion even in any low air mixing ratio and will also allow the proper combustion even in any excessive air mixing ratio.
(NOTE: The BURNER for LNG is available, too.)

●PRINCIPAL USES

- Each type of Heat treatment furnace. • Heating furnace. • Bell type furnace.
- Melting of Non-ferrous metals. • Combustion in Liquid.

●NOTES

- As the BURNER will ignite direct, it is necessary to set fire to it after throttling the combustion rate.
- The ultraviolet rays photoelectric tube shall be used for the flame monitor.

NARITA

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● SPECIFICATIONS

Model No.		NMJ-50K	NMJ-100K
Standard Input (kW)		52	104
Turn-down Ratio		1:10	1:20
Standard gas pressure (kPa)		1.96	1.96
Standard air pressure (kPa)		4.90	4.90
Outside dimensions	A (mm)	328	328
	B (mm)	230	230
	C (mm)	72	65
	D (mm)	77	75.5
	E (mm)	50	55
	F (mm)	45	50
	G (mm ϕ)	76.3	89.1
Attaching dimensions	H (mm \square)	99	106
	I (mm \square)	120	130
	J (Bolt hole)	4- ϕ 12	4- ϕ 12
	K (Air)	PT1B	PT1 1/2B
Connection DIA	L (Gas)	PT1/2B	PT3/4B
	M (Sight glass)	PT3/8B	PT3/8B
	N -1 (Flame monitor)	PT1/4B	PT3/8B
	N -2 (Ignition plug)	M14(P=1.25)	M14(P=1.25)
	O (Secondary air)	PT3/8B	PT3/8B

● OUTER CONFIGURATIONS

