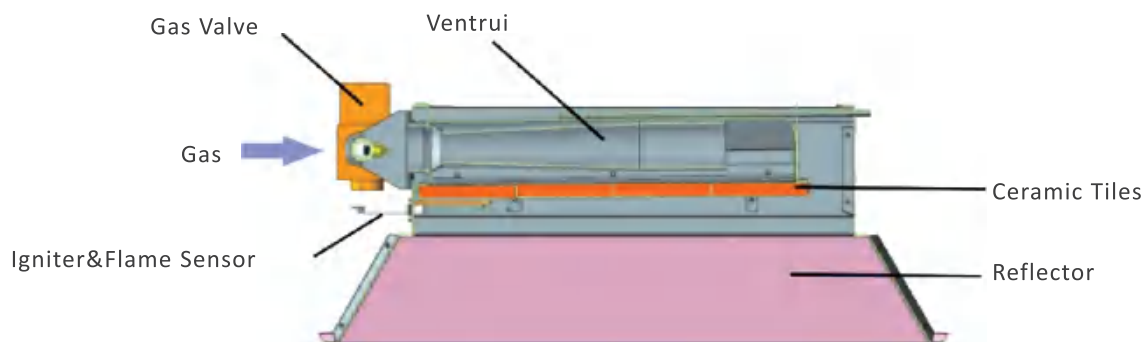


»» **HTC** Gas fired high intensity ceramic tile infrared heater

HOW IT WORKS

The equipment is mainly composed of gas-air mixing chamber, venturi, ceramic plate and reflector composition. Air and gas are mixed into a venturi tube and passed through finely calibrated channels on the ceramic plate, where it is flamelessly burned on the surface of the ceramic plate. The surface temperature of the ceramic plate can reach 900°C and convert up to 60% of the combustion heat energy into radiant heat.



Features

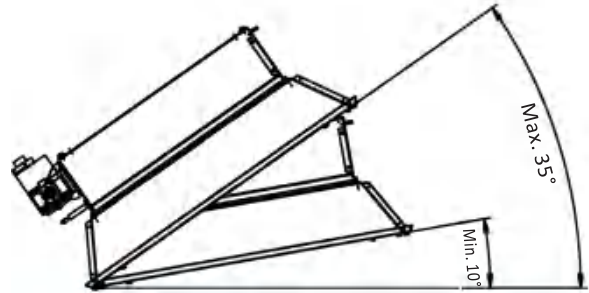
- Direct spark ignition, 100% gas valve shut off
- Modular burner head combination structure
- Stainless steel venturi and aluminized steel burner
- Polished aluminium reflector
- Radiation-enhanced iron-chromium-aluminum-metal protective netting
- 10°-35° inclined installation
- 12V low pressure control system, 24V low pressure gas valve, safe and reliable

Advantages/Benefits

- Economical: compared to boiler plumbing system, 25-35% yearly fuel saving
- Simple control with thermostat
- Direct heating, no pipe loss
- Reduces heat stratification
- Instant heating
- Quiet and dust-free
- Zone and spot heating possible

Applications






- Tall spaces with large air exchange, poor sealing and thermal insulation.
- Occasions that require spot, directional, and timed heating.
- Factories, warehouses, gymnasiums, churches, fire stations, auto repair shops, etc.



Installations

- Comply with the manufacturer's "minimum clearance to combustibles".
- According to the manufacturer's recommended "minimum installation height".
- Do not install in places where chlorides, volatile solvents, and explosive dusts are present.
- Install additional exhaust fans to exhaust the combustion products outside. Usually the equipment and exhaust fans are interlocked.
- Indoor CO₂ should be less than 5,000 ppm, and ventilation requirements of 22 m³/h per kW for natural gas heaters or 26 m³/h per kW for propane heaters are usually required.

Technical Parameter

	Model	Rated Power(kW)		Gas Consumption		Dimension(mm)			Shipping Weight (kg)
		N.G	LPG	N.G (Nm ³ /h)	LPG (kg/h)	L	W	H	
	HTC03N	9.5	-	0.92	-	455	620	290	16
	HTC03P	-	9	-	0.7				
	HTC06N	19	-	1.84	-	590	620	290	20
	HTC06P	-	18	-	1.4				
	HTC09N	28.5	-	2.76	-	765	620	290	23
	HTC09P	-	27	-	2.1				
	HTC12N	38	-	3.68	-	940	620	290	27
	HTC12P	-	36	-	2.8				
	HTC16N	46.5	-	4.50	-	1,170	620	290	32
	HTC16P	-	-	-	-				

