

SPECIFICATION

HAND HELD HEAT GUN

1. **USE:** This specification is for a propane fueled Heat Gun that is suitable for the application of preformed thermoplastic pavement markings on both asphalt and concrete surfaces.
2. **UL APPROVAL:** The Heat Gun is UL and CSA listed and approved.
3. **CONSTRUCTION:** The Heat Gun is made of sturdy design utilizing an accelerated thrust of air heated by a short flame.
 - 3.1. Size: The length of the Heat Gun from air intake to the end of the nozzle must be a minimum of 37". The minimum length of the hose shall be 20' with a 360° swivel joint, and the minimum width of the nozzle shall be 5".
 - 3.2. Material: The nozzle is constructed from stainless steel and the gas injection venturi is made from aluminum. The handle is made of UL certified plastic.
 - 3.3. Weight: The maximum weight of the Heat Gun without the hose and gas cylinder valve is less than 4 pounds.
 - 3.4. Ignition: Piezoelectric type igniter is built into and protected by the trigger body of the Heat Gun. An innovative trigger helps to change easily the piezoelectric with no tool. A spare piezoelectric is stored in the trigger guard. No pilot flame, batteries, or flint are acceptable.
 - 3.5. Safety: No part of the Heat Gun, including the nozzle, shall become warmer than 125 degrees F during a three (3) minute uninterrupted run at maximum power with the ambient temperature within 60°-90°F. Gas flow to the nozzle stops, thus extinguishing the flame, if the Heat Gun trigger is released.
 - 3.6. Gas Consumption: From 6.6 to 13.4 lb./hour during continuous use.
 - 3.7. Gas Cylinder Valve: The Heat Gun has an automatic safety shut off valve in case of leakage or breakage of hose or connectors. The Heat Gun shall have an adjustable regulator valve.
 - 3.8. Heat Performance: The Heat Gun can produce a maximum of 303,540 BTU at sea level altitude.
4. **OPERATION:** The Heat Gun shall be operated by a "dead man trigger", which when pressed, automatically ignites the Heat Gun without the use of any pilot flame in any form whatsoever.
5. **TECHNICAL SERVICES:** The successful bidder provides technical services and ensure spare parts supply as required.
6. **WARRANTY:** The successful bidder provides a twelve (12) month warranty covering parts and labor. Damage due to negligence, misuse or accident is exempted.