

INDUSTRIAL TORCHES RATIO(RAT)



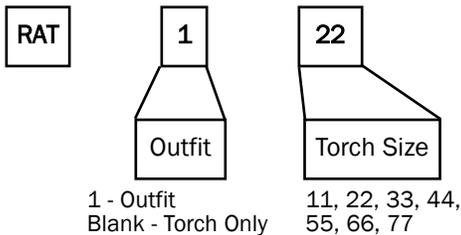
The lightweight Hauck Ratio gas torch brings almost perfect combustion ratios into torch design with one valve control. Operates through controlled inspirating of air through a venturi by means of a high velocity gas jet resulting in excellent metering and air-gas mixing.



OPERATION

One of the easiest torches to operate. Lights instantly and smoothly. One valve control, burns with excellent air-gas ratio throughout its entire turndown range of over 6 to 1. Burns with a blue flame, 2000°F in open air. The Hauck Retain-a-Flame nozzle permits flame flexibility with unmatched stability at all firing rates, whether inside a firing chamber or in open air.

ORDERING INFORMATION



SPECIFICATIONS

| TORCH MODEL NO. | OUTFIT MODEL NO. | CAPACITY (Btu/hr)* | NET WT. (lb) | LENGTH (in) |
|-----------------|------------------|--------------------|--------------|-------------|
| RAT11 | RAT111 | 18,600 | 5 | 16 1/2 |
| RAT22 | RAT122 | 30,000 | 5 | 16 1/2 |
| RAT33 | RAT133 | 47,600 | 7 1/2 | 19 1/8 |
| RAT44 | RAT144 | 119,600 | 9 | 20 1/4 |
| RAT55 | RAT155 | 177,000 | 12 | 21 7/8 |
| RAT66 | RAT166 | 306,000 | 17 | 23 3/4 |
| RAT77 | RAT177 | 485,000 | 32 | 34 3/4 |



Outfit includes torch, 12' gas hose with fittings and union, pressure gauge and valve.

* Based on 10 psig supply of natural gas with HHV of 1,034 Btu/ft³, 0.60 s.g., 60°F. For other gases, specify type of gas, heating value, and supply pressure.

FEATURES

- 'Ratio' Turndown
- Simple to Operate
- Flame Stability
- Rugged Construction

CONSTRUCTION

The inspirator is designed to introduce air 'cross-flow' to the line of flow of the air-gas mixture through the venturi, an important feature to assist in maintaining the proper air-gas-ratio under all operating conditions. The Retain-a-Flame nozzle is made of alloyed heat resisting iron. The inspirator is cast iron with a removable gas spud.

TORC-1R