

GAS INNOVATIONS

Heating Heads

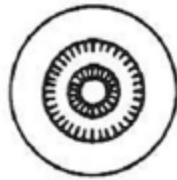
(Actual size)

8 -10

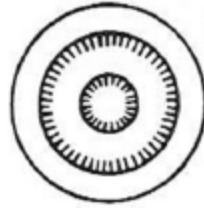


HD-1

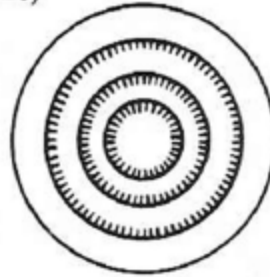
15



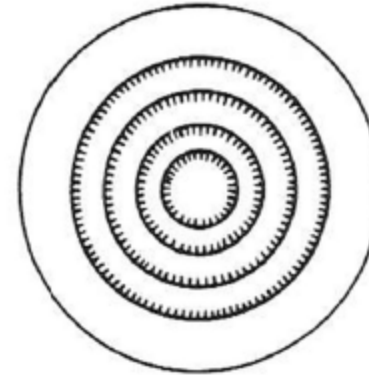
HD-2



HD-3



HD-4*



HD-5*

8

Type 55:

10

#15

#20

Victor Conversion

Cubic Feet Per Hour with Cylinder 60% Full

Cylinder Size	TEMPERATURE Degrees F				
	-5	10+	20+	40+	60+
27 lbs	8	16	21	32	42
63 lbs	15	29	39	58	78
105 lbs	20	40	53	80	106
435 lbs	44	89	119	178	238

40% FULL - Multiply 0.8
20% FULL - Multiply 0.6



OPERATING DATA FOR PROPYLENE HD HEADS

HEAD SIZE	FUEL GAS PSIG MIN-MAX	OXYGEN PSIG MIN-MAX	FUEL GAS CONSUMPTION CFH MIN - MAX	FUEL GAS CONSUMPTION LBS/HR MIN - MAX	OXYGEN CONSUMPTION CFH MIN - MAX	BTU PER HOUR	*Number of 105 lb cylinders required
*1	15-20	60-80	70-100	8-11	100-180	25000	*2
*2	15-20	60-70	100-150	11-17	200-300	375,000	*3
*3	15-30	60-100	150-200	17-22	350-460	500,000	*4
*4	20-35	90-120	250-350	28-39	600-800	875,000	*6
*5	30-50	100-150	400-500	44-55	900-1150	1,250,000	*2 - 435 lb or Bulk

NOTE:* SEE NUMBER OF CYLINDERS REQUIRED TO EFFICIENTLY RUN HD HEADS
Approximate Gross B.T.U. per cubic foot: Propylene - 2,500 btu/cuft
Gas Innovations recommends you use 3/8 hose and Hi Flow Flashback Arrestors.



GAS INNOVATIONS

**TYPICAL
PROPYLENE
HEATING
EQUIPMENT**

Goosenecks sizes:
18", 24" and 36", Custom lengths also available

Complete Heating Assembly
V24-4 – 24" gooseneck
complete with Victor Mixer
and HD 4 heating head



VSR-461-510 – **Fuel Gas** –
0-60 psi delivery range –
100 psi delivery gauge-
Regulator label indicates
use with Fuel Gas

Style RF 85-10 for Regulators

Hi Flow Flashback
Regulator Arrestors



Use 3/8" "T"
Grade Hose

**GIW8510PHR Propylene Fuel Gas
GIW8510OHR Oxygen**

