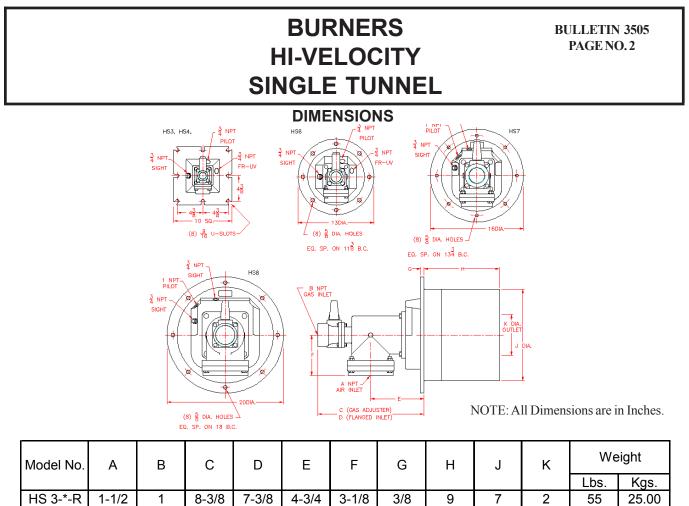
HI-V	JRNERS 'ELOCITY E TUNNEL	MODEL: Revision:	3505 - HS - GA - R 3505 - HS - F - R 0
The Hot Shot (HS) series used primarily where a h combustion is required. gases at the exit of the bu of heat penetration into greater efficiency with operate with excess air o process applications.	SCRIPTION is a nozzle-mixing, hi-velocity burner high recirculation rate of the products of The produce a hi-velocity stream of hot irner tunnel which will give a high degree the work in a furnace. The result being reduced fuel costs. Burners can also of fuel providing additional versatility in Burners, see Bulletin 3640).		
Hi-Velocity: Refractory Block: Block Casings: Air/Gas Connections: 5 Sizes: Ratings: Turndown: Excess Air: Excess Fuel: Burner Ports: Direct Spark: Preheated Air:	ATURES 250 ft./sec. 3000°F (3300°F refractory available) Steel or alloy available for fiber lined furnaces. Flanged for ease of installation. 1 1/2" to 6" NPT Air Connections. 320,000 to 5,150,000 BTU/HR at 20 oz. air pressure at burner (see Table). 10 to 1 300% (without pilot) 40% (without pilot) 40% (without pilot) Pilot, flame monitoring, and sight (sight glass not included). Available (low fire start only) Up to 750°F as Std. (1000°F units available, consult factory).	Perio Tunn Large Heat Ladle	CATIONS dic Kilns - Shuttle Kilns - el Kilns carbottom Furnaces - Treating - Stress Relieving Heating - Impingement ing - Reverberatory Furnaces

CAUTION: Operation of combustion equipment can be hazardous resulting in bodily injury or equipment damage. Each burner should be supervised by a combustion safeguard and only qualified personnel should install, make system adjustments and perform any required service.

1101 Street

11012 Aurora Hudson Road Streetsboro, OH 44241 Email: sales@selas.com

A Selas Heat Technology Brand udson Road 1 44241 Toll Free: 800-883-9218 Main: 216-662-8800 Fax: 216-663-8954 NOTICE: Pyronics practices a policy of continuous improvement in the design of its products. It reserves the right to change the specifications at any time without prior notice.



110.0= -11	1-1/2	1	0-0/0	1-0/0	T-0/T	0-1/0	5/0	5	1	2	5	20.00
HS 4-*-R	2	1	9-3/8	8-3/8	5-1/4	3-3/8	3/8	9	7	2-3/4	52	23.60
HS 6-*-R	3	1-1/2	11-3/8	10-1/4	6-1/8	4-1/4	1/2	10	8	3-3/4	70	31.75
HS 7-*-R	4	2-1/2	16-5/8	14-1/8	8-5/8	5-1/2	1/2	12	11-3/4	5-1/2	180	81.63
HS 8-*-R	6	3	18-1/4	15-3/4	9-1/4	7	5/8	13	15-3/4	7-3/4	220	99.80

* Insert Letter: (GA) - Gas Adjuster (F) - Flanged Inlet

CAPACITY TABLE

Model No.	Natural Gas 0.64 Sp. Gr. 1000 BTU/HR @ 20 oz.	Flame Length on Ratio	Recommended Pilot	Recommended Direct Spark Electrode
HS 3	320	14"	P62 PBST	DSE - 3
HS 4	655	22"	P62 PBST	DSE - 3
HS 6	1,290	28"	P64 PBST	DSE - 1
HS 7	2,425	40"	P86 PBST	DSE - 1
HS 8	5,150	45"	P86 PBST	DSE - 11

ORDERING INFORMATION

Add to Model No. for Block Holder and Refractory required.

- -1 With Std. Refractory less Jacket 3000°F.
- -2 With Hi-Temp. Refractory Less Jacket 3300°F.
- C With Alloy Jacket & Std. Refractory 3000°F.
- D With Alloy Jacket & Hi-Temp. Refractory 3300°F.
- E With Short Alloy Jacket & Std. Refractory 3000°F.
- F With Short Alloy Jacket & Hi-Temp. Refractory 3300°F.
- 2. Specify Model No. & Quantity.
- 3. Type of Fuel and Pressure available.
- 4. Specify Pilot Model No. (If required).
- 5. Specify Sight Glass Model No. (If required).
- 6. Shipping Instructions.