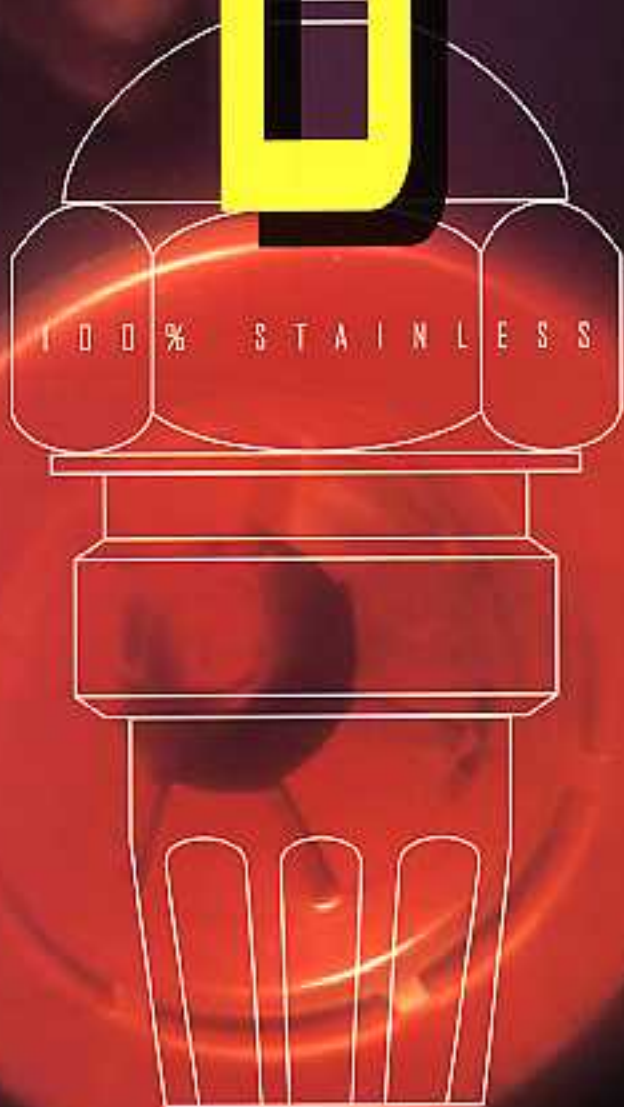


S O L I D C O N E

NEW
B!



Hago does it again.

Now nothing does the job better than Hago's new solid cone, B-pattern nozzle on today's most advanced, high efficiency burners.

The next time you replace a B-pattern nozzle, move up to Hago's new 100% stainless steel 'B' for the reassurance of proven performance and consistency.

HAGO 
**PRECISION
OIL BURNER
NOZZLES**

Hago Manufacturing Company, Inc.
1120 Globe Ave., Mountainside, NJ 07092
Tel: 908-232-8687 Fax: 908-232-7246

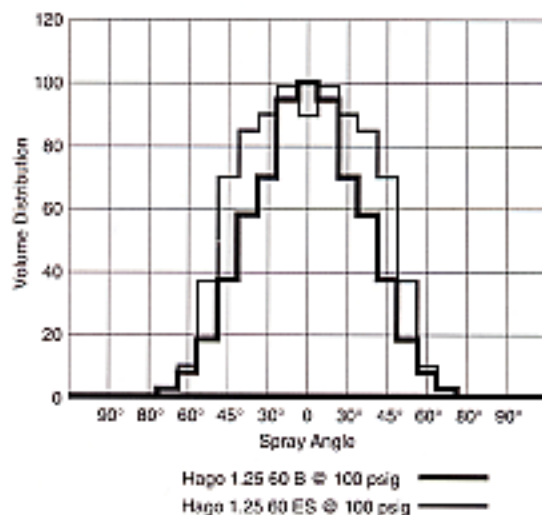
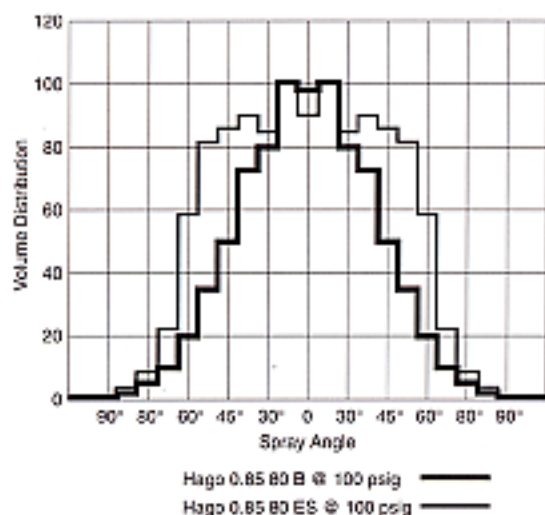
1 0 0 % T E S T E D . 1 0 0 % G U A R A N T E E D



MANY OF TODAY'S NEW HIGH EFFICIENCY BURNERS operate at very high static air pressures in the range of 3"-4" water column to achieve the maximum in clean, quiet fires with reductions in undesirable pollutants such as Nitrous Oxides (NOX). Compared with the first generation of high static air pressure flame retention burners, first marketed in the 70's that increased pressures from 0.5" to 1.0" water column, there is considerable difference. In many applications in firing rates of 2.00 gph and under these new burners have been found to operate best with a nozzle that has a pattern that is more solid than our traditional "ES" solid cone pattern.

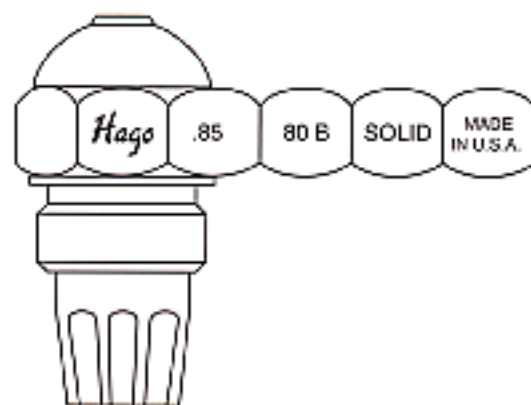
To meet the challenge, working with America's premier burner manufacturers, Hago has developed a new solid cone pattern nozzle designated a "B" pattern. After a thorough development period, thousands of samples were distributed to many of the top burner, boiler and furnace manufacturers for several months of testing in their labs. Comments received from their combustion labs typically reported "results as good as, and in many cases better than", comparable B pattern nozzles already on the market. In every instance we know of, the Hago B nozzle has met all performance standards in applications that specify a "B" pattern.

Below are two spray pattern diagrams from the Hago Spray Laboratory showing the comparability of the new Hago "B" and our traditional solid cone pattern "ES".



AVAILABILITY

FLOW RATE	SPRAY ANGLE				
	45°	60°	70°	80°	90°
0.50	▲	▲	▲	▲	▲
0.55	▲	▲	▲	▲	▲
0.60	▲	▲	▲	▲	▲
0.65	▲	▲	▲	▲	▲
0.75	▲	▲	▲	▲	▲
0.85	▲	▲	▲	▲	▲
1.00	▲	▲	▲	▲	▲
1.10	▲	▲	▲	▲	▲
1.20	▲	▲	▲	▲	▲
1.25	▲	▲	▲	▲	▲
1.35	▲	▲	▲	▲	▲
1.50	▲	▲	▲	▲	▲
1.65	▲	▲	▲	▲	▲
1.75	▲	▲	▲	▲	▲
2.00	▲	▲	▲	▲	▲



Move up in quality... move up to **HAGO**
PRECISION OIL BURNER NOZZLES

100% TESTED 100% GUARANTEED 100% STAINLESS STEEL

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