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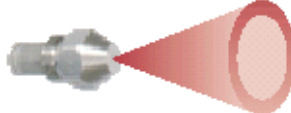
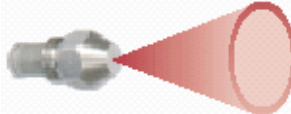
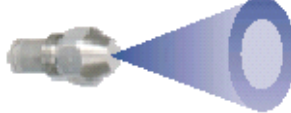
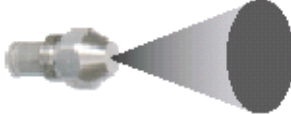
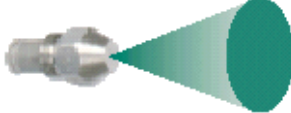
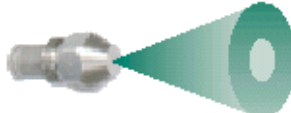
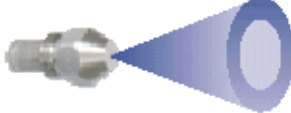


Nozzles and Accessories

R & D

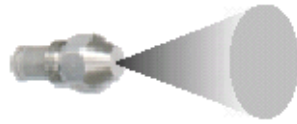
Oil Nozzles

Since 1937, Hago has been a leader in the design and production of oil burner metered atomization products. Our product line includes spray patterns, spray angles and flow rates that will meet virtually any application. We can design specialty nozzles for newly developed appliances as well.

Note: Experience the epitome of customization! We offer specialized manufacturing and conversion services, transforming all sizes of the ES style into the P type upon personal request. Your vision, our expertise. #CustomizationExcellence #TailoredSolutions

Spray Pattern	Category	Spray Angles	Flow Rate Range
	"H" - Hollow Cone - Red Caps This series distributes the atomized oil particles evenly toward the outside of the the spray cone. These nozzles are particularly well suited for low firing rates and burners with hollow air pattern. Normally used in wider spray angles.	30° 45° 60° 70° 80° 90°	.65 - 9.00 GPH .40 - 9.00 GPH .40 - 9.00 GPH .40 - 9.00 GPH .40 - 9.00 GPH .50 - 9.00 GPH
	"EH" - Extra Hollow Cone - Red Caps This type "EH" is an extension of our hollow cone series. Available from 4.00 GPH through 30.00 GPH. It is specified in many commercial applications.	45° 70°	4.00 - 30.00 GPH 4.00 - 30.00 GPH
	"S-S" - Semi Solid Cone - Blue Caps Most suitable for general applications where exact air pattern or spray pattern requirements can't be established. Droplet distribution is relatively even across spray cone in smaller flow rates, but becomes more hollow as flow rates increase.	30° 45° 60° 70° 80° 90°	.65 - 20.00 GPH .40 - 35.00 GPH .40 - 35.00 GPH .40 - 35.00 GPH .40 - 35.00 GPH .50 - 20.00 GPH
	"B" - Solid Cone - Black Caps Designed to give optimum combustion efficiency on high static pressure flame retention burners which specifically a "B" pattern. As compared to our "ES" pattern, somewhat more fuel is concentrated towards the center of the spray.	30° 45° 60° 70° 80° 90°	.40 - 2.00 GPH .40 - 2.00 GPH .40 - 2.00 GPH .40 - 2.00 GPH .40 - 2.00 GPH .40 - 2.00 GPH
	"ES" - Solid Cone - Green Caps Our original solid cone series for low flow rates. Available for applications specifying a solid "ES" pattern.	30° 45° 60° 70° 80°	.40 - 1.75 GPH .40 - 1.75 GPH .40 - 1.75 GPH .40 - 1.75 GPH .40 - 1.75 GPH
	"P" - Solid Cone - Green Caps The "P" type is an extension of our "B" and "ES" series for firing rates of 2.00 GPH and above. It produces a solid cone pattern in the low rates and becomes more hollow as the flow rate increases. Specially designed with a pocketed disc to reduce combustion noises and pulsation.	30° 45° 60° 70° 80°	2 - 15.00 GPH 2 - 15.00 GPH 2 - 15.00 GPH 2 - 15.00 GPH 2 - 15.00 GPH
	"LC" - Large Capacity - Blue Caps These nozzles are uniquely designed for outstanding combustion in large commercial burners. They have large internal passageways to accommodate high flow rates. They produce a semi-solid "universal" pattern.	45° 60° 80°	35 - 120.00 GPH 35 - 120.00 GPH 35 - 120.00 GPH
	"W" - Universal Nozzle - Orange Caps For installations where the use of a defined hollow or solid nozzle does not provide the combustion result desired.	30° 45° 60° 70° 80° 90°	.65 - 8.00 GPH .40 - 8.00 GPH .40 - 8.00 GPH .40 - 8.00 GPH .40 - 8.00 GPH .50 - 8.00 GPH
	"DFN" - Dual Filtration - White Caps Available in hollow (DFN-H) and solid cone (DFN-B) patterns, the DFN nozzles give enhanced protection against clogging in the very low rates.	45° 60° 70° 80°	.30 - 1.00 GPH .30 - 1.00 GPH .30 - 1.00 GPH .30 - 1.00 GPH





"Siphon" Nozzle - Gray Caps

Air atomizing nozzle for the combustion of waste oil and other variable waste oil products.

3PSIG-Air	.20 - 1.00 GPH
4PSIG-Air	.20 - 1.00 GPH
5PSIG-Air	.30 - 1.00 GPH



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