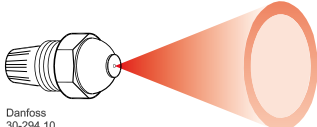
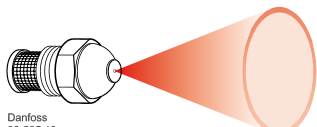
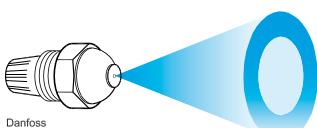
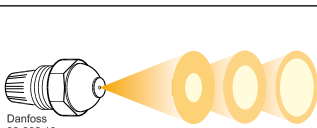
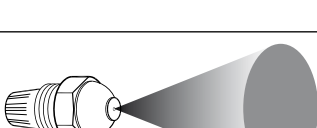
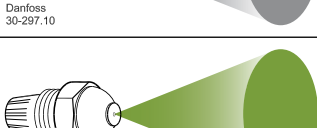

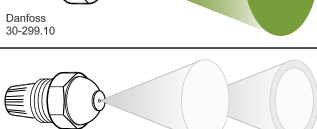
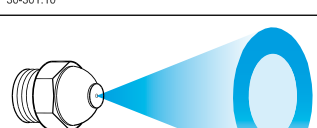
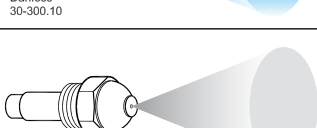


# Oil Burner Nozzle Series



## General Data Sheet

For specific information on this product, please contact Danfoss Hago Inc.

Spray pattern	Description	Spray angle	Flow rate range
 <p>Danfoss 30-294.10</p>	<p><b>"H" - Hollow cone - Red caps</b></p> <p>The "H" nozzle distributes atomised oil droplets evenly throughout a narrow band inside the outer edge of the spray cone pattern. Typical applications are oil burners that produce a hollow air pattern and lower firing rate applications.</p>	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
 <p>Danfoss 30-295.10</p>	<p><b>"EH" - Extra Hollow cone - Red caps</b></p> <p>The type "EH" is an extension our hollow cone series. Available from 4.00 GPH through 30.00 GPH, it is specified in many commercial applications.</p>	45° 70°	4.00 - 30.00 GPH 4.00 - 30.00 GPH
 <p>Danfoss 30-296.10</p>	<p><b>"S-S" - Semi Solid cone - Blue caps</b></p> <p>The "S-S" nozzle distributes atomised oil droplets evenly throughout the entire spray cone pattern at lower flow rates, however the spray cone pattern becomes more hollow as the flow rate increases. The "S-S" nozzle is good for applications where exact burner air pattern characteristics cannot be determined.</p>	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
 <p>Danfoss 30-302.10</p>	<p><b>"W" - Universal nozzle - Orange caps</b></p> <p>The "W" - Universal nozzle produces a spray pattern that is neither truly hollow nor truly solid. In the lower flow rates the spray pattern tends to be more solid. Conversely, the higher the flow rate, the more hollow the spray pattern becomes. Typically applied where the use of a defined hollow or solid spray pattern is not providing good combustion results.</p>	30° 45° 60° 70° 80° 90°	.40 - 8.00 GPH .40 - 8.00 GPH .40 - 8.00 GPH .40 - 8.00 GPH .40 - 8.00 GPH .40 - 8.00 GPH
 <p>Danfoss 30-297.10</p>	<p><b>"B" - Solid cone - Black caps</b></p> <p>The "B" nozzle concentrates distribution of atomised oil droplets towards the center of the spray cone pattern. Designed for high static pressure oil burners specifying a type "B" spray pattern, this nozzle will provide optimum combustion efficiency in these applications.</p>	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
 <p>Danfoss 30-298.10</p>	<p><b>"ES" - Solid cone - Green caps</b></p> <p>The "ES" nozzle distributes atomised oil droplets evenly throughout the spray pattern in low firing rate applications. For those applications specifying an "ES" type solid spray pattern, this nozzle will provide optimum combustion efficiency.</p>	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>Danfoss 30-299.10</p>	<p><b>"P" - Solid cone - Green caps</b></p> <p>The "P" nozzle produces a solid spray cone pattern in the lower flow rates and becomes more hollow as the flow rate increases. This nozzle series is an extension of the "B" and "ES" nozzle series. Specially designed with a pocketed disc, the "P" nozzle reduces combustion noise and flame pulsation in applications.</p>	30° 45° 60° 70° 80°	2.00 - 15.00 GPH 2.00 - 35.00 GPH 2.00 - 35.00 GPH 2.00 - 35.00 GPH 2.00 - 35.00 GPH
 <p>Danfoss 30-301.10</p>	<p><b>"DFN" Dual filtration - White caps</b></p> <p>The "DFN" nozzle is available in hollow (H-DFN) and solid (B-DFN) spray patterns. Dual filters enhance protection and increase reliability against clogging in low flow rate nozzles.</p>	45° 60° 70° 80°	.30 - 1.00 GPH .30 - 1.00 GPH .30 - 1.00 GPH .30 - 1.00 GPH
 <p>Danfoss 30-300.10</p>	<p><b>"LC" - Large Capacity - Blue caps</b></p> <p>The Type LC nozzles are designed to maximize combustion efficiencies in commercial and industrial applications. The LC nozzle produces a semi-solid spray pattern.</p>	45° 60° 80°	35.00 - 120.00 GPH 35.00 - 120.00 GPH 35.00 - 120.00 GPH
 <p>Danfoss 30-303.10</p>	<p><b>"Siphon" - Nozzle - Gray caps</b></p> <p>The "Siphon, Air Atomizing" nozzle produces an extremely fine solid spray pattern and is typically used for the combustion of waste oil and other recycled oil products. These nozzles have a multiple fuel grade application ranging from kerosene up to pre-heated #6 oil.</p>	3-psig Air 4-psig Air 5-psig Air	.20 - 1.00 GPH .20 - 1.00 GPH .20 - 1.00 GPH





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