

Precision Oil Burner Nozzles

Hollow-Cone Type A Nozzles



HOLLOW-CONE Type A-nozzles are mainly used on burners with a hollow cone air pattern and for through puts up to 2.00 GPH. The droplet distribution is concentrated on the outside of the cone and results in good ignition and low-noise combustion.

Spray Angle - 60 Degrees

Order No	Flowrate (GPH)	Spray Angle (Degree)
0.50x60A	0.50	60
0.55x60A	0.55	60
0.60x60A	0.60	60
0.65x60A	0.65	60
0.70x60A	0.70	60
0.75x60A	0.75	60
0.80x60A	0.80	60
0.85x60A	0.85	60
0.90x60A	0.90	60
1.00x60A	1.00	60
1.10x60A	1.10	60
1.20x60A	1.20	60
1.25x60A	1.25	60
1.35x60A	1.35	60

Spray Angle - 70 Degrees

Order No	Flowrate (GPH)	Spray Angle (Degree)
0.50x70A	0.50	70
0.55x70A	0.55	70
0.60x70A	0.60	70
0.65x70A	0.65	70
0.70x70A	0.70	70
0.75x70A	0.75	70
0.80x70A	0.80	70
0.85x70A	0.85	70
0.90x70A	0.90	70
1.00x70A	1.00	70
1.10x70A	1.10	70
1.20x70A	1.20	70
1.25x70A	1.25	70
1.35x70A	1.35	70

Spray Angle - 80 Degrees

Order No	Flowrate (GPH)	Spray Angle (Degree)
0.50x80A	0.50	80
0.55x80A	0.55	80
0.60x80A	0.60	80
0.65x80A	0.65	80
0.70x80A	0.70	80
0.75x80A	0.75	80
0.80x80A	0.80	80
0.85x80A	0.85	80
0.90x80A	0.90	80
1.00x80A	1.00	80
1.10x80A	1.10	80
1.20x80A	1.20	80
1.25x80A	1.25	80
1.35x80A	1.35	80

Solid-Cone Type B Nozzles



SOLID-CONE Type B-nozzles produce a spray that distributes droplets fairly uniformly throughout the complete pattern. The spray pattern becomes progressively more hollow at higher flow rates, particularly above 8.00 GPH. Provides smooth ignition and efficient combustion, particularly in larger burners.

Spray Angle - 60 Degrees

Order No	Flowrate (GPH)	Spray Angle (Degree)
0.50x60B	0.50	60
0.55x60B	0.55	60
0.60x60B	0.60	60
0.65x60B	0.65	60
0.70x60B	0.70	60
0.75x60B	0.75	60
0.80x60B	0.80	60
0.85x60B	0.85	60
0.90x60B	0.90	60
1.00x60B	1.00	60
1.10x60B	1.10	60
1.20x60B	1.20	60
1.25x60B	1.25	60
1.35x60B	1.35	60

Spray Angle - 70 Degrees

Order No	Flowrate (GPH)	Spray Angle (Degree)
0.50x70B	0.50	70
0.55x70B	0.55	70
0.60x70B	0.60	70
0.65x70B	0.65	70
0.70x70B	0.70	70
0.75x70B	0.75	70
0.80x70B	0.80	70
0.85x70B	0.85	70
0.90x70B	0.90	70
1.00x70B	1.00	70
1.10x70B	1.10	70
1.20x70B	1.20	70
1.25x70B	1.25	70
1.35x70B	1.35	70

Spray Angle - 80 Degrees

Order No	Flowrate (GPH)	Spray Angle (Degree)
0.50x80A	0.50	80
0.55x80A	0.55	80
0.60x80A	0.60	80
0.65x80A	0.65	80
0.70x80A	0.70	80
0.75x80A	0.75	80
0.80x80A	0.80	80
0.85x80A	0.85	80
0.90x80A	0.90	80
1.00x80A	1.00	80
1.10x80A	1.10	80
1.20x80A	1.20	80
1.25x80A	1.25	80
1.35x80A	1.35	80

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Precision Oil Burner Nozzles

All Purpose Type W Nozzles



Type W " ALL PURPOSE " nozzles are neither truly hollow nor solid. These nozzles frequently can be used in place of either solid or hollow cone nozzles between 0.40 and 8.00 GPH, regardless of the burner's air pattern. The lower flow rates tend to be more solid.

Spray Angle - 60 Degrees

Order No	Flowrate (GPH)	Spray Angle (Degree)
0.40x60W	0.40	60
0.50x60W	0.50	60
0.55x60W	0.55	60
0.60x60W	0.60	60
0.65x60W	0.65	60
0.70x60W	0.70	60
0.75x60W	0.75	60
0.80x60W	0.80	60
0.85x60W	0.85	60
0.90x60W	0.90	60
1.00x60W	1.00	60
1.10x60W	1.10	60

Spray Angle - 70 Degrees

Order No	Flowrate (GPH)	Spray Angle (Degree)
0.40x70W	0.40	70
0.50x70W	0.50	70
0.55x70W	0.55	70
0.60x70W	0.60	70
0.65x70W	0.65	70
0.70x70W	0.70	70
0.75x70W	0.75	70
0.80x70W	0.80	70
0.85x70W	0.85	70
0.90x70W	0.90	70
1.00x70W	1.00	70
1.10x70W	1.10	70

Spray Angle - 80 Degrees

Order No	Flowrate (GPH)	Spray Angle (Degree)
0.40x80W	0.40	80
0.50x80W	0.50	80
0.55x80W	0.55	80
0.60x80W	0.60	80
0.65x80W	0.65	80
0.70x80W	0.70	80
0.75x80W	0.75	80
0.80x80W	0.80	80
0.85x80W	0.85	80
0.90x80W	0.90	80
1.00x80W	1.00	80
1.10x80W	1.10	80

Mobile Home Type .579 MH Nozzles



Type .579 MH Mobile Home Nozzles are low-capacity nozzles designed for mobile home use. This design will minimize the usual plugging problems associated with low flow rates.

Order No
0.579MH

Precision Oil Burner Nozzle Accessories

Nozzle Adapters



All nozzle adapters are made of brass, with precision machined mating surfaces for proper sealing. All nozzle adapters 9/16-24 UNEF internal thread

Mfg Part No	Thread Size (in)	Description
28738-1	1/8	Long, Female
28738-3	1/4	Long, Female
28737-1	1/8	Standard, Female
28737-3	1/4	Long, Female
28741-1	3/8	Male

Nozzle Changer: Two in One



Delavan's versatile nozzle changer passes through the small openings of the flame retention-disc. Just snap off outer socket and use the inner socket alone to remove the nozzle. For wider openings, snap on outer socket and use like a standard nozzle changer. The nozzle changer fits the hex of the adapter (3/4"), and the nozzle hex (9/16").

Mfg Part No
34478

Telescoping Mirrors



Three types of flame inspection mirrors are available... the round (3-3/4" dia.), the rectangular (1-15/16x3-3/4") or mini (1-1/8x3"). They are furnished with handles, which telescope down to fit into a service technician's kit. A cloth bag is provided to protect the mirror finish.

Mfg Part No	Description
33175	Mini mirror w/handle
12640	Round mirror w/handle
12275	Rectangular mirror w/handle

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606