Simple Atomizing Nozzle Picker

With the numerous types of Atomizing Nozzles sold by EXAIR, it can be challenging to shift through all the information. This will help you to narrow down the field to quickly find the correct Atomizing Nozzle for your application. In a summary, here are the basic questions that need to be answered:

1.) Are you using a pressurized liquid feed?

2.) What is the viscosity of the fluid?

3.) What is the liquid feed rate in gallons per hour (gph) or liters per hour (lph).

4.) Should I use the No-Drip option?

The following flow chart will lead you through a decision tree as you answer these questions. In the end, you will arrive at an Atomizing Spray Nozzle which is the best choice for your application.

If you need any additional assistance or have more questions, please contact an Application Engineer at EXAIR:

- Toll Free Phone (USA and Canada): 1-800-903-9247
- Phone: 513-671-3322
- E-Mail: techelp@exair.com
- Website Live Chat: www.exair.com
Start

Internal or External Mix

Yes

Pressurized Liquid?

No

Siphon Feed

Fluid Viscosity >200 cps?

Yes

No product offered

No

SR5010SS

(++Pg 80)

No-Drip Required?

Yes

SR6010SS

(++Pg 80)

½" NPT Siphon Fed

½" NPT

Yes

No

Liquid Flow >15 GPH or >57 LPH

Siphon Fed

Spray Pattern

No-Drip Required?

Yes

No

SF20**SS

Flat Pattern

(** indicates flow size) (++Pg 74)

SR20**SS

Round Pattern

(** indicates flow size) (++Pg 73)

SF10**SS

Flat Pattern

(** indicates flow size) (++Pg 74)

SR10**SS

Round Pattern

(** indicates flow size) (++Pg 73)

++Note: Catalog 29
Fluid Viscosity >300 cps?

Internal Mix

No

Yes

EF5010SS

EF6010SS

No-Drip Required?

Yes

½" NPT External Mix

1/4" NPT External Mix

Spray Patterns

No-Drip Required?

Yes

No

ER20**SS

Round Pattern

(* * indicates flow size)

EF20**SS

Narrow Angle Flat Pattern

(* * indicates flow size)

EF10**SS

Narrow Angle Flat Pattern

(* * indicates flow size)

EB10**SS

Wide Angle Flat Pattern

(* * indicates flow size)

EB20**SS

Wide Angle Flat Pattern

(* * indicates flow size)

++Note: Catalog 29
++Note: Catalog 29