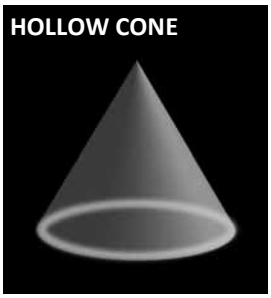
COMPRESSED-AIR SPRAY NOZZLE

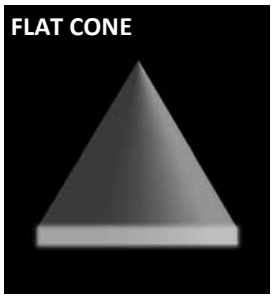
Compressed –air spray nozzle are two-substance nozzles, which are used for the atomization of liquids (water or fluids with higher viscosities). In accordance to different functions, various nozzle types are applied.

MODEL	DESCRIPTION
PO	for round jet without regulation
POR	for round jet, adjustable
POF	for flat jet, without regulation
PORF	for flat jet, adjustable
PORS/PORFS	as in model POR and PORF, the regulating spindle is actuated by a removable socket wrench

STANDARD – SPRAY NOZZLE

20° - 30° for round jet and 45° - 60° for flat jet





CAPACITY

In operation with compressed air of 0.5 bar and suction height of 150mm, 0.5 l/h – 15 l/h (H^2O) can be executed. For other liquid inflows (freely flowed, dosed) each nozzle is designed in accordance to customer specifications.

AIR CONSUMPTION

for round jet app. 0.6–1.0 Nm^3/h per l/h of atomised water

for flat jet app. 1.2–1.8 Nm^3/h per l/h of atomized water

POSSIBLE APPLICATIONS

spraying on food
humidification
air conditioning systems
mixing nozzles for two media

AVAILABLE IN THE FOLLOWING MATERIALS

Stainless Steel	**non-ferrous metal**
1.4435 (X2 CrNiMo18-14-3)	brass

other materials on request.

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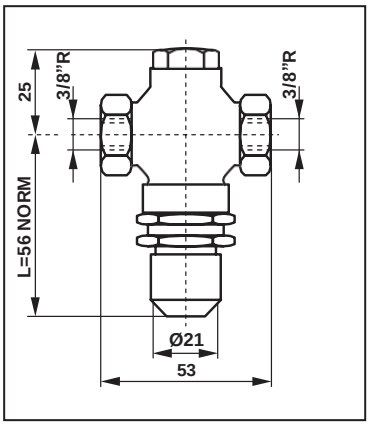
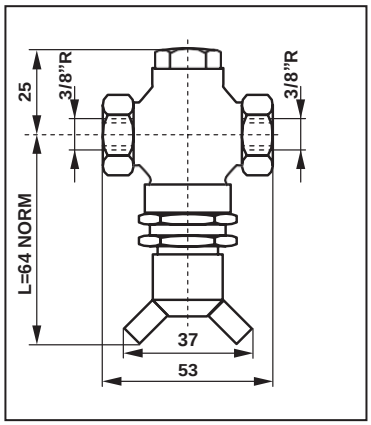
COMPRESSED-AIR SPRAY NOZZLE

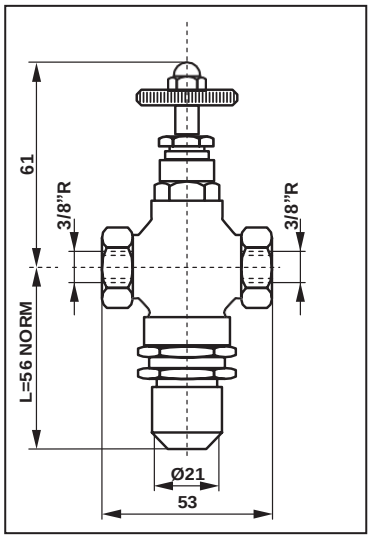
Model PO



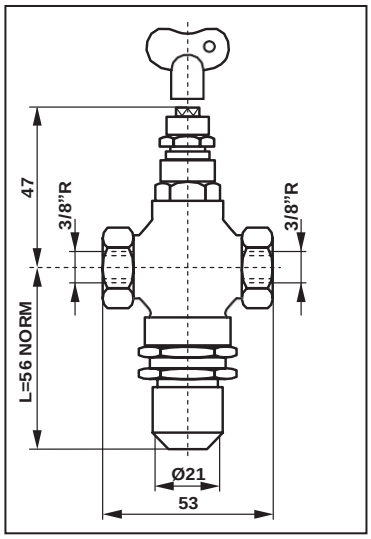
Model POF



Model POR



Model PORS



FOR ORDERING WE NEED FOLLOWING INFORMATION

Field of application
medium to spray (viscosity)
fitting position / spray distance nozzle – spray area
temperature range
frequency range

Nozzle specification
type of material
desired spray angle
nozzle type
connection thread
desired capacity (l/min, l/h)
operating pressure (bar)
inflow of medium

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