

AIR KNIFE

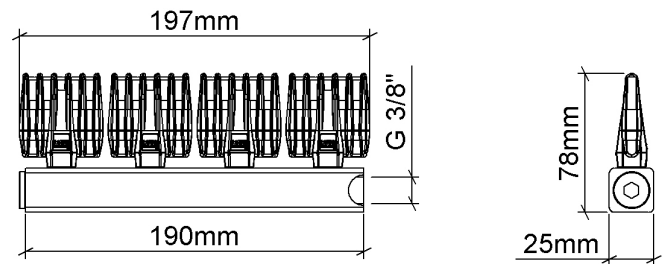
SILVENT 394 W-S

Item number: 03940169606, 03940269606

SILVENT 392 W-S - 396 W-S: is an energy-efficient, stainless steel air knife that generates an extremely strong, effective blowing force while keeping the sound level exceptionally low. This air knife makes the best use of compressed air and its unique design introduces an entirely new quality to blowing technology. The effect is achieved through the aerodynamic nozzle which maximizes co-ejection while every hole profile is also designed to achieve as great a surrounding jet area as possible.

Technical data

| | |
|--------------------------------------|---------------|
| Blowing force (N) | 22.0 |
| Air consumption (Nm ³ /h) | 110.0 |
| Sound level (dB(A)) | 84 |
| Nozzle technology | Slot |
| Material (nozzle) | 1.4404 (316L) |
| Connection | G 3/8" |
| Connection type | Female |
| Weight (kg) | 0.7130 |
| Max temp (°C) | 400 |
| Max op. pressure (MPa) | 1.0 |



Benefits when replacing an open pipe

| | | |
|--------------------------|-------------------------|-----|
| Replace open pipe Ø (mm) | 10 | |
| Noise reduction | 28 [dB(A)] | 86% |
| Energy savings | 75 [Nm ³ /h] | 41% |

Material specification: EN 1.4404, EN 1.4301

Blowing properties at different pressures

| Pressure (kPa) | 200 | 400 | 600 | 800 | 1000 |
|--------------------------------------|------|------|-------|-------|-------|
| Blowing force (N) | 11.2 | 18.4 | 25.6 | 32.4 | 39.2 |
| Air consumption (Nm ³ /h) | 60.0 | 92.0 | 124.0 | 160.0 | 196.0 |
| Sound level (dB(A)) | 77.0 | 82.0 | 85.0 | 88.0 | 90.0 |

Blowing coverage

| Blowing dist. (mm) | Blowing coverage (mm) |
|--------------------|-----------------------|
| 50 | 230 |
| 100 | 250 |
| 200 | 290 |
| 300 | 330 |
| 400 | 370 |
| 500 | 410 |