

RA-2 250 DF

TECHNICAL SHEET

AIR KNIVES

DOUBLE FLOW



OPERATING PRINCIPAL

Surrounding air

Amplified air output
(Compressed air input
+ surrounding air)

Compressed
air input

TECHNICAL INFORMATION*

Economical

UP TO
94%
SAVINGS IN AIR
CONSUMPTION

**BENEFITS OF USING
THE RA-2 250 DF
AIR KNIFE***
(Compared to an open pipe)

Reduction in air
consumption (%)

Up to
94%

Noise reduction (%)

Up to
31%

**PERFORMANCES
AIR KNIFE
RA-2 250 DF***

Pressure
(bar)

Air
consumption
(l/mn)

Blowing force
(N)

at 150mm

at 450mm

Noise level
(dB)

Amplified air
(l/min)

2

670

4

3,75

90

16750

6

2900

13,5

12,8

95

72500

VS

**OPEN PIPE
Ø8***

(opened on 250mm)

Pressure
(bar)

Air consumption
(l/mn)

Noise level
(dB)

Amplified air
(l/min)

6

19000

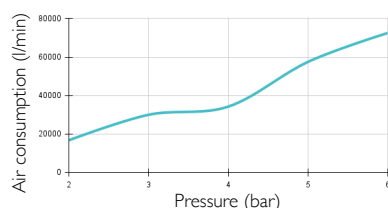
130

19000

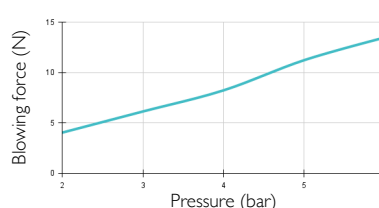
RA-2 250 DF AIR KNIFE FEATURES

• **Connection :** Female G3/8" • **Weight :** Aluminium : 905g • **Max. operating temperature :** Aluminium : 150°C • **Max pressure :** 10 bars

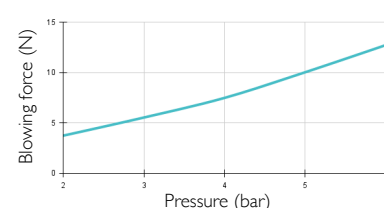
**AMPLIFIED AIRSTREAM
DEPENDING ON PRESSURE***



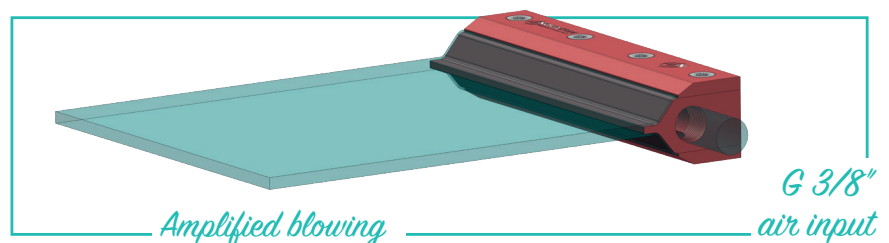
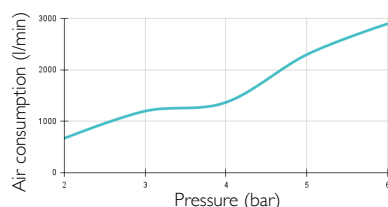
**BLOWING FORCE AT 150 MM
DEPENDING ON PRESSURE***



**BLOWING FORCE AT 450 MM
DEPENDING ON PRESSURE***

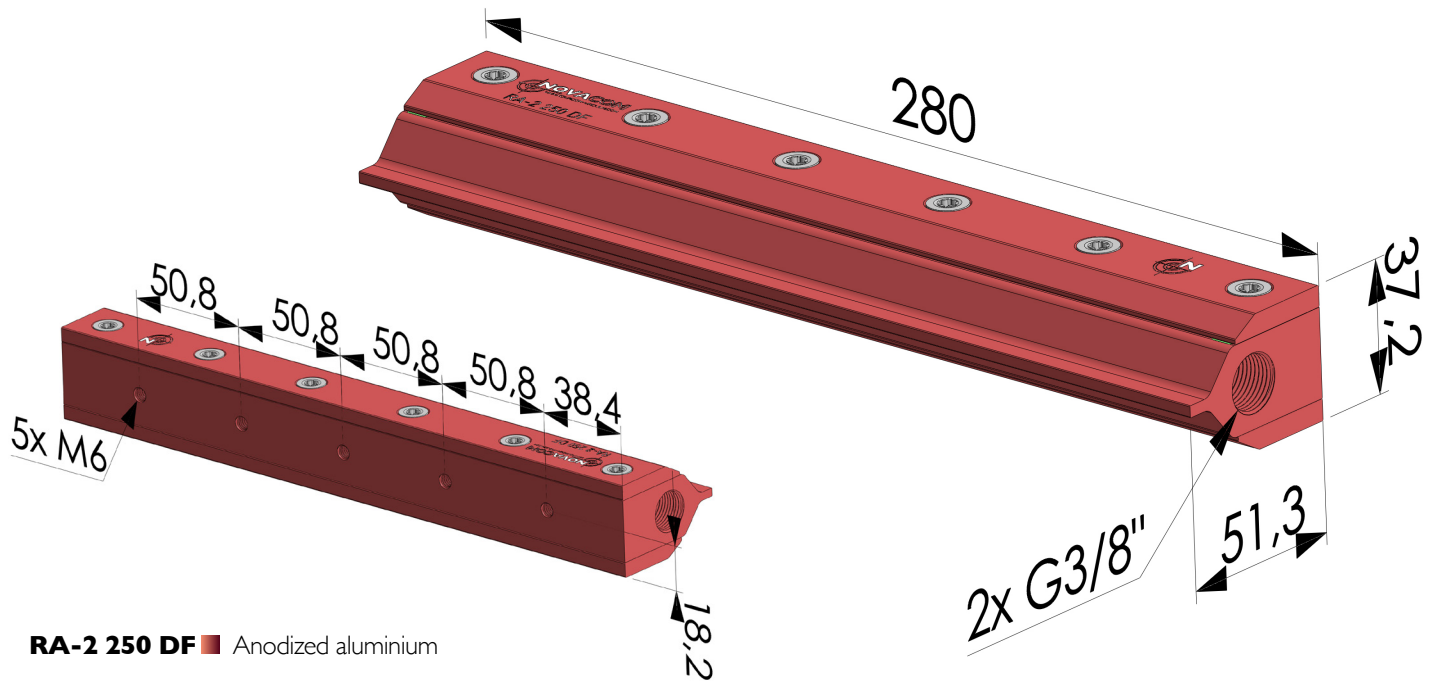


**AIR CONSUMPTION
DEPENDING ON PRESSURE***



* **NOTE:** The measurements in this data sheet have been obtained in a laboratory **under strict control**. The varying conditions of a real industrial environment and the instability of pressure from an industrial compressor can create different values than the ones obtained in a laboratory. Those data are provided for information purposes only.
To achieve the best performance from the air knives, we recommend using a compressed air supply tube with a minimum 8 mm inside.

DIMENSIONS



RA-2 250 DF ■ Anodized aluminium

The values are given in millimeters