

RA-3 300

TECHNICAL SHEET

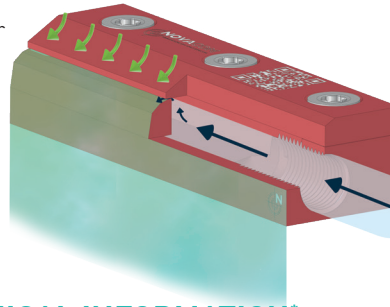
AIR KNIVES

SINGLE FLOW



OPERATING PRINCIPAL

Surrounding air



Amplified air output
(Compressed air input
+ surrounding air)

Compressed
air input

Economical

UP TO
93%
SAVINGS IN AIR
CONSUMPTION

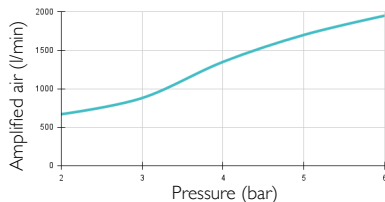
TECHNICAL INFORMATION*

BENEFITS OF USING THE RA-3 300 AIR KNIFE* (Compared to an open pipe)		Reduction in air consumption (%)		Noise reduction (%)		
		Up to 93%		Up to 29%		
PERFORMANCES AIR KNIFE RA-3 300*	Pressure (bar)	Air consumption (l/min)	Blowing force (N)		Noise level (dB)	Amplified air (l/min)
	2	670	at 150mm	at 450mm	84	13400
	6	1950	11,5	11	95	39000
VS OPEN PIPE Ø8* (opened on 300mm)		Pressure (bar)	Air consumption (l/min)	Noise level (dB)	Amplified air (l/min)	
		6	19750	130	19750	

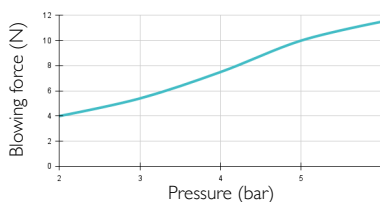
RA-3 300 AIR KNIFE FEATURES

- **Connection** : Female G1/4" • **Weight** : Aluminium : 456g / Stainless steel 316 L : 1133g
- **Max. operating temperature** : Aluminium : 150°C / Stainless steel 316 L : 450°C • **Max pressure** : 10 bars

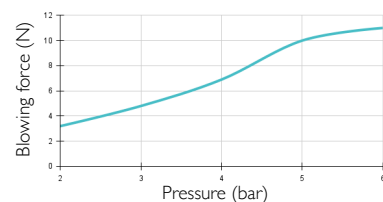
AMPLIFIED AIRSTREAM
DEPENDING ON PRESSURE*



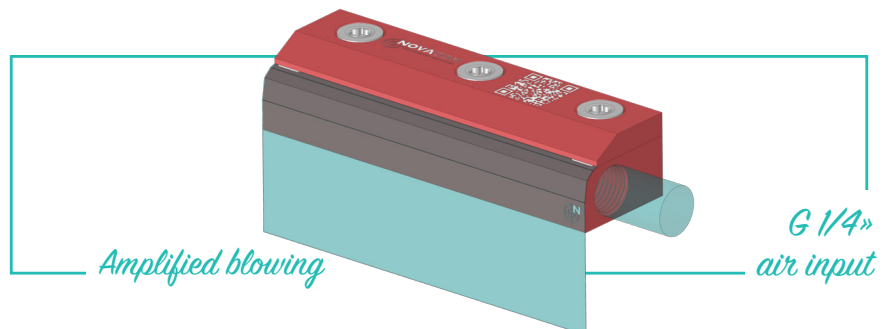
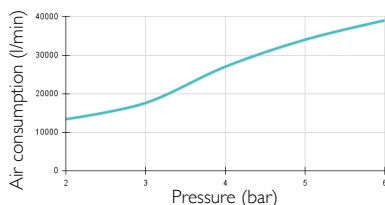
BLOWING FORCE AT 150 MM
DEPENDING ON PRESSURE*



BLOWING FORCE AT 450 MM
DEPENDING ON PRESSURE*

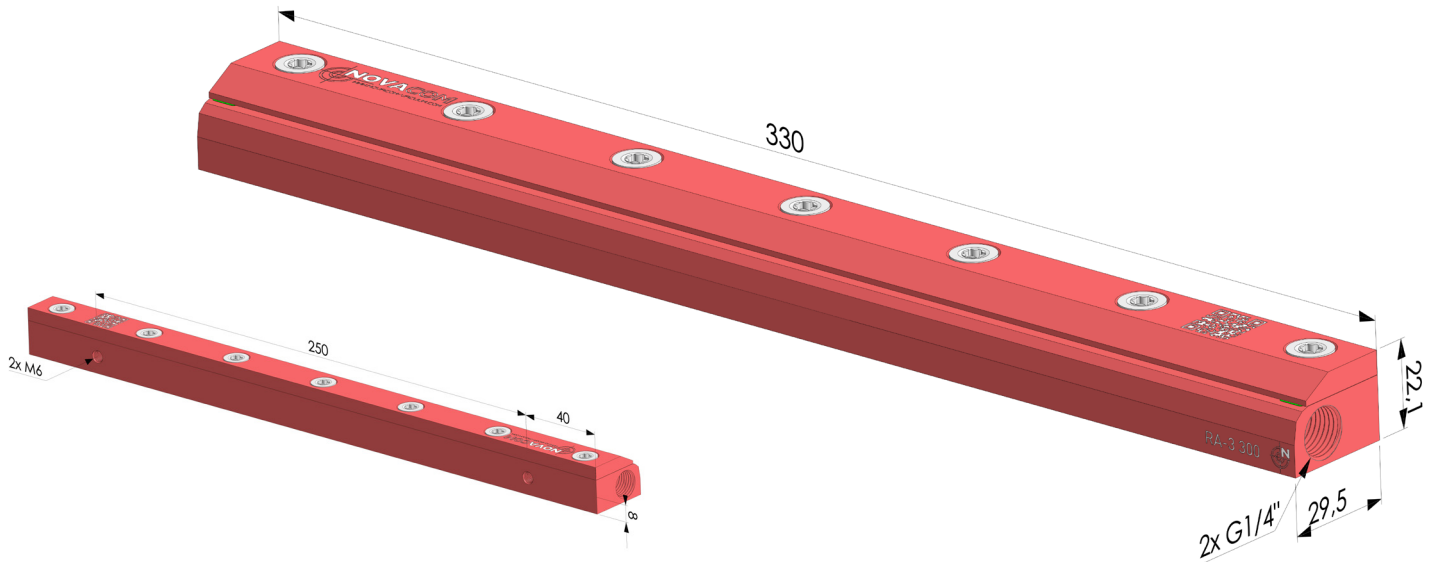


AIR CONSUMPTION
DEPENDING ON PRESSURE*



* **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-3 300 ■ Anodized aluminium

RA-3 300 ACI ■ 316L Stainless steel

The values are given in millimeters