

RA-3 450

TECHNICAL SHEET

AIR KNIVES

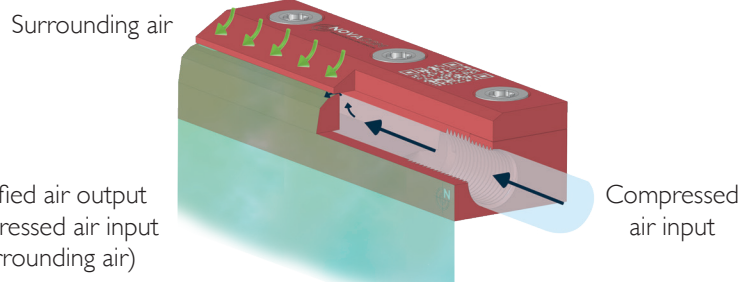
SINGLE FLOW



OPERATING PRINCIPAL

Economical

UP TO **93%** SAVINGS IN AIR CONSUMPTION



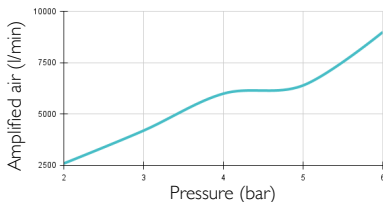
TECHNICAL INFORMATION*

BENEFITS OF USING THE RA-3 450 AIR KNIFE* (Compared to an open pipe)		Reduction in air consumption (%)		Noise reduction (%)		
		Up to 93%		Up to 31%		
PERFORMANCES AIR KNIFE RA-3 450*	Pressure (bar)	Air consumption (l/min)	Blowing force (N)		Noise level (dB)	Amplified air (l/min)
			at 150mm	at 450mm		
	2	945	5,3	5,3	84	18900
	6	2580	15,1	14,8	94	51600
VS OPEN PIPE Ø8* (opened on 450mm)		Pressure (bar)	Air consumption (l/min)		Noise level (dB)	Amplified air (l/min)
		6	20100		130	20100

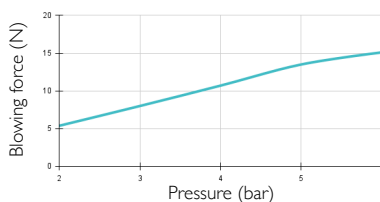
RA-3 450 AIR KNIFE FEATURES

- **Connection** : Female G1/4" • **Weight** : Aluminium : 664g / Stainless steel 316 L : 1 953g
- **Max. operating temperature** : Aluminium : 150°C / Stainless steel 316 L : 450°C • **Max pressure** : 10 bars

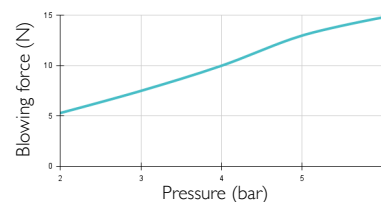
AMPLIFIED AIRSTREAM
DEPENDING ON PRESSURE*



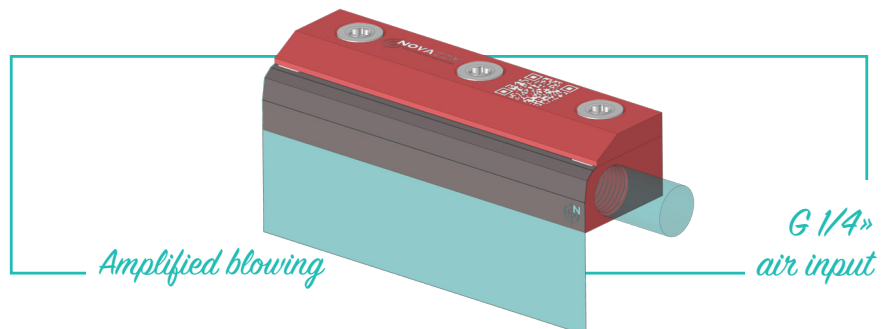
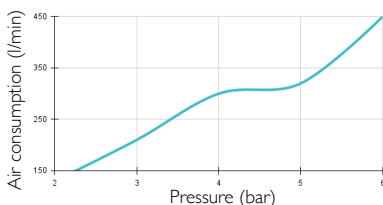
BLOWING FORCE AT 150 MM
DEPENDING ON PRESSURE*



BLOWING FORCE AT 450 MM
DEPENDING ON PRESSURE*

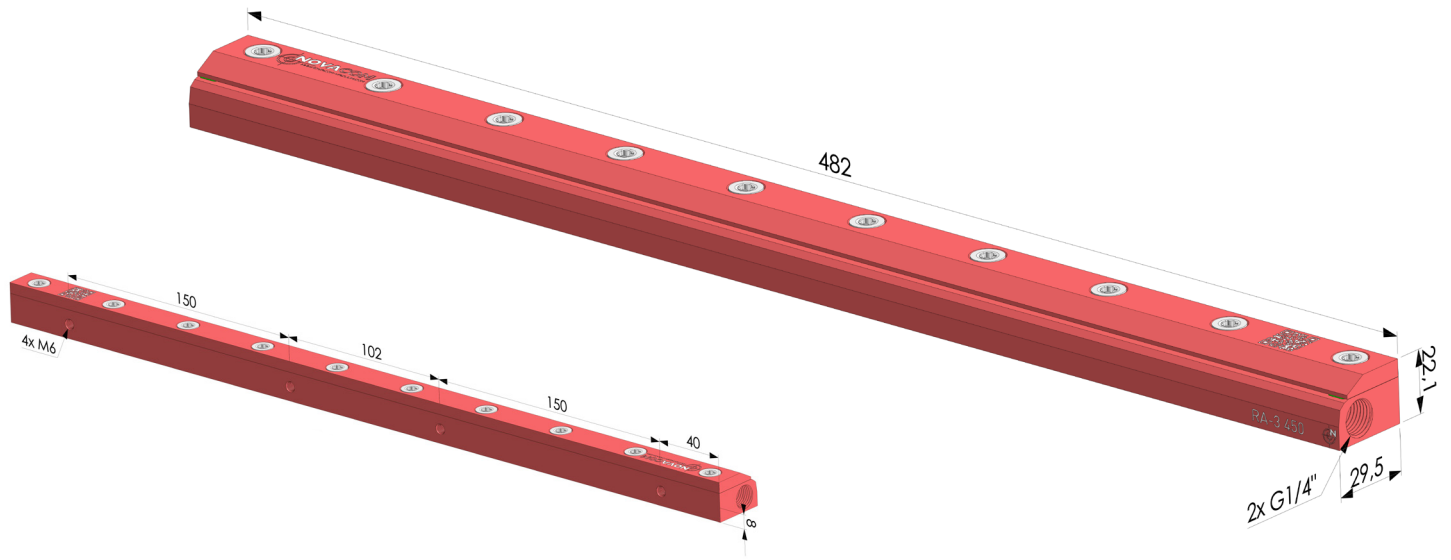


AIR CONSUMPTION
DEPENDING ON PRESSURE*



* **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-3 450 ■ Anodized aluminium

RA-3 450 ACI ■ 316L Stainless steel

The values are given in millimeters