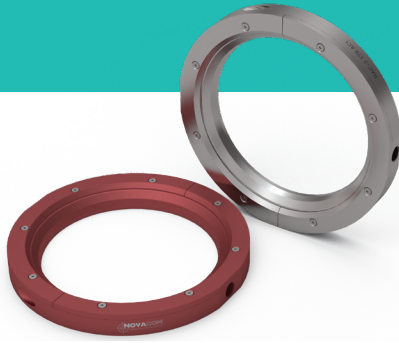


# RAC-2 178

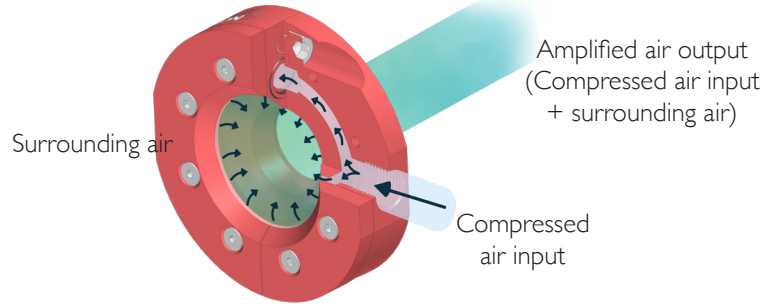
## TECHNICAL SHEET

### AIR KNIVES

### CIRCULAR



#### OPERATING PRINCIPAL



Economical

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

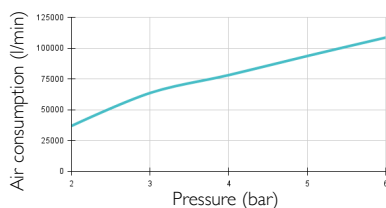
#### TECHNICAL INFORMATION\*

BENEFITS OF USING THE RAC-2 178 AIR KNIFE* (Compared to an open pipe)		Reduction in air consumption (%)		Noise reduction (%)		
		Up to <b>93%</b>		Up to <b>35%</b>		
PERFORMANCES AIR KNIFE RAC-2 178*	Pressure (bar)	Air consumption (l/mn)	Blowing force (N)		Noise level (dB)	Amplified air (l/min)
			at 150mm	at 450mm		
	2	1480	8	7,6	84	37000
	6	4350	28	26,5	90	108750
VS OPEN PIPE Ø8* (opened on 300mm)	Pressure (bar)	Air consumption (l/mn)	Noise level (dB)	Amplified air (l/min)		
	6	19750	130	19750		

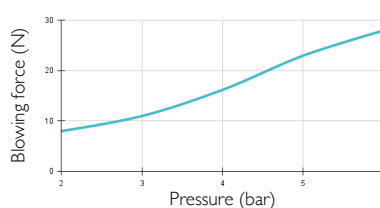
#### RAC-2 178 AIR KNIFE FEATURES

- **Connection** : Female G1/4"
- **Weight** : Aluminium : 273g / Stainless steel 316 L : 758g
- **Max. operating temperature** : Aluminium : 150°C / Stainless steel 316 L : 450°C
- **Max pressure** : 10 bars

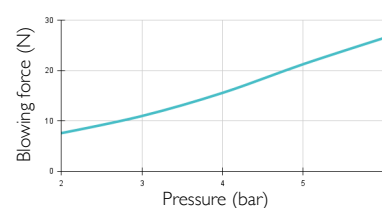
**AMPLIFIED AIRSTREAM  
DEPENDING ON PRESSURE\***



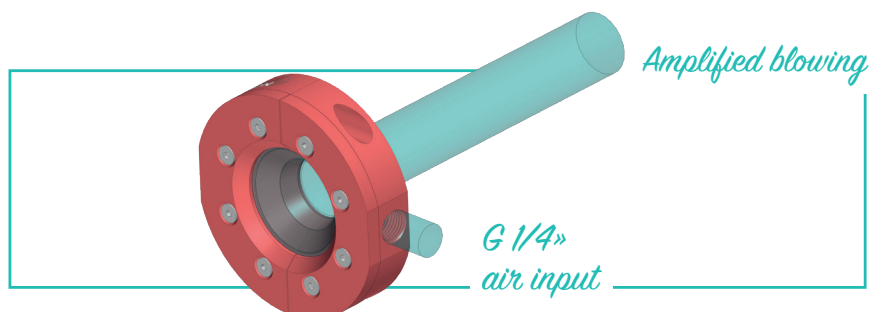
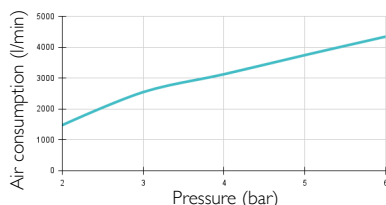
**BLOWING FORCE AT 150 MM  
DEPENDING ON PRESSURE\***



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

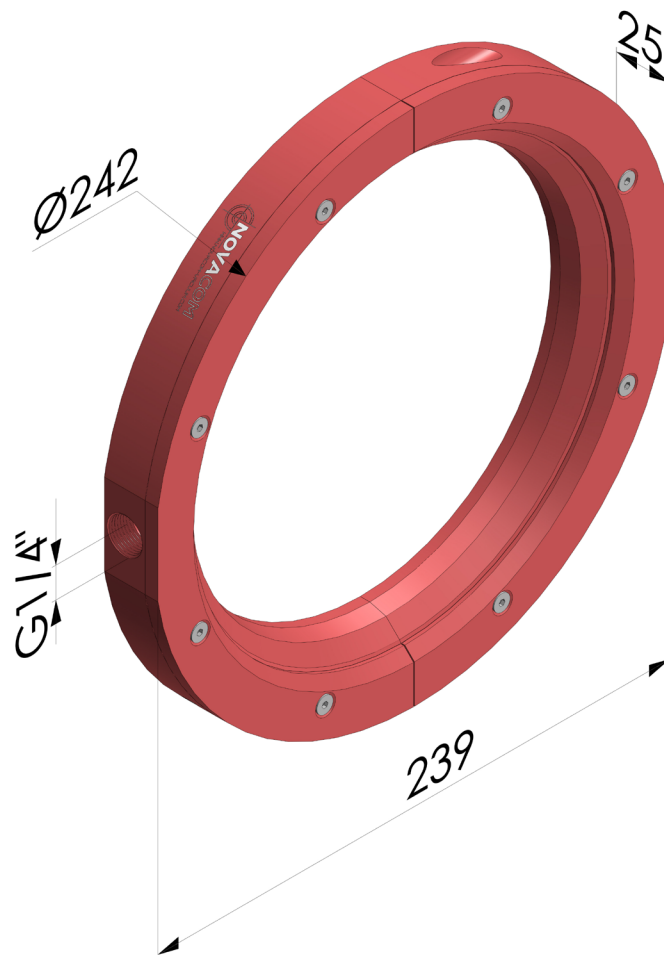
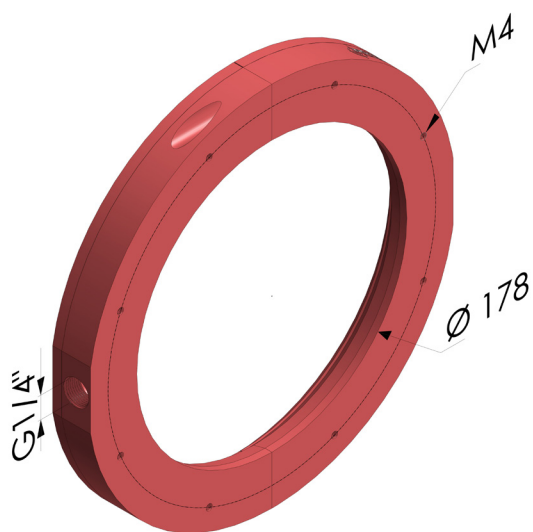


**AIR CONSUMPTION  
DEPENDING ON PRESSURE\***



\* **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 diameter.

DIMENSIONS



**RAC-2 178** ■ Anodized aluminium  
**RAC-2 178 ACI** ■ 316L Stainless steel

The values are given in millimeters