

# ALFA AIRSAFE

Don't Risk Workplace Safety  
with Compressed Air!



Switch to an OSHA-  
compliant solution today



[www.alfairsafe.com](http://www.alfairsafe.com)



## What is ALFA AIRSAFE?

ALFA AIRSAFE is a safe blowing unit that produces high-volume, oil-free and clean air at 0.2 bar pressure. It is specially designed for cleaning personnel clothing and for machine and part cleaning/drying applications.

ALFA AIRSAFE produces **2400 L/min oil-free air at 0.2 bar pressure in compliance with OSHA standards**. Therefore, it does not pose a danger when air is blown directly onto personnel clothing or skin. The unit includes a **protective nozzle** designed in accordance with OSHA standards to prevent chips and particles from rebounding during blowing.



**OSHA COMPLIANT**  
0,2 Bar - 2400L/min.  
78 dB



**ENERGY SAVING**  
VARIABLE SPEED MOTOR  
0,2 kWh - 1,4 kWh



**PRE-FILTER + HEPA FILTER**  
%99,9 FILTRATION EFFICIENCY



**OIL-FREE CLEAN DRY AIR**  
ISO 8573-1 CLASS 0

## ALFA AIRSAFE

Safe Cleaning for Dusty Environments  
**Always by Your Side**



### Key Features of AIRSAFE:

- ✓ **Low operating pressure**  
Provides safe airflow at approximately 0.2 bar.
- ✓ **High airflow rate**  
Produces approximately 2400 L/min oil-free air for strong cleaning effect.
- ✓ **Oil-free and clean air**  
Safe for Personnel and Equipment Cleaning
- ✓ **Controlled airflow**  
Uses high-volume controlled airflow instead of sudden high-pressure blasts.
- ✓ **Industrial safety approach**  
Designed for safe use in personnel cleaning and equipment drying.



## Dangers of High-Pressure Air;

- Can propel particles at bullet-like speeds
- Can damage eyes, skin, and tissues
- Even 2 bar pressure can damage the eardrum
- Can enter the body through small cuts and cause air embolism

Analysis of workplace accidents shows that a significant portion of injuries occur during clothing dust cleaning processes.

### OSHA Norms

#### Effective Chip Guarding



STD 01-13-001 ALFA AIRSAFE



### OSHA Compliant Personnel Cleaning



ALFA AIRSAFE supports operator safety with a protective nozzle design compliant with OSHA STD 1-13-001.

It produces 2400 L/min oil-free air at 0.2 bar in accordance with OSHA 1910.242 standard, ensuring safe direct contact with clothing or skin.



Feature	ALFA AIRSAFE	Compressed Air Gun
Suitable for personnel use	✓ Yes	✗ No
OSHA-compliant pressure	✓ Yes (≈0,2 bar)	✗ No (typically 6–8 bar)
Noise level	✓ Low (≈78 dB)	✗ High (≈90–100 dB)
Oil-free air	✓ Yes	✗ May contain compressor oil
Particle-free air	✓ Filtered air	✗ High particle content
Air rebound risk	✓ None	✗ Present
Serious injury risk	✓ None	✗ Potential risk
Equipment damage risk	✓ None	✗ Possible due to high pressure
Explosion risk	✓ None	✗ Risk from compressed air
Legal restrictions for personnel cleaning	✓ None	✗ Restricted in many countries

## ALFA AIRSAFE / COMPRESSED AIR ENERGY CONSUMPTION REPORT

# ALFA AIRSAFE

### ALFA AIRSAFE AIR PRODUCTION COST

FLOW RATE	144	m <sup>3</sup> /h	2,4	m <sup>3</sup> /min
OPERATING PRESSURE	0,2	bar		
POWER CONSUMPTION	1,4	kWh		

"Designed specifically for blowing, cleaning, and drying applications requiring safe, high-flow air at low pressure."

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### COMPRESSED AIR PRODUCTION COST

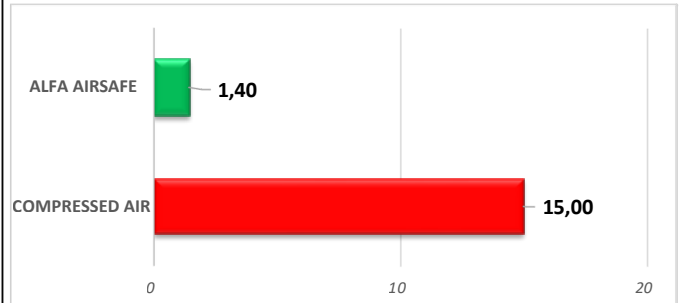
FLOW RATE	144	m <sup>3</sup> /h	2,4	m <sup>3</sup> /min
OPERATING PRESSURE	6	bar		
POWER CONSUMPTION	15	kWh		

"Compressed air is an expensive resource for applications where air is discharged into the atmosphere (blowing, cleaning, drying). It is more suitable for actuators, presses, and pistons that require force (pressure)."



**ALFA AIRSAFE**  
Personnel Cleaning System

### Blowing Unit Energy Cost (kWh)



**ALFA AIRSAFE** is a safe blowing unit that produces high-flow, oil-free and clean air at 0.2 bar pressure. It is specifically designed for cleaning personnel clothing and machine/part cleaning and drying applications.

**ALFA AIRSAFE produces 2400 L/min of oil-free air at 0.2 bar in compliance with OSHA standards.** This ensures that air blown directly onto personnel clothing or skin does not pose a hazard.



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ve Mühendislik San. Tic. Ltd. Şti.  
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