

# Blast Valve

## Type E 2140



### Overview

The Blast Valve Type **E 2140** is a heavy duty valve that protects the interior of a shelter from blast waves caused by outside explosions. The valve is normally open. It withstands blast waves of more than 100 bar (more than 1400 psi) reflected pressure. The valve is tested and certified for compliance to the applicable Israeli, Singaporean, and Swiss standards.

### Description

The Blast Valve Type **E 2140** is a double-action valve that protects against explosive and implosive waves. It is maintenance-free and resistant to high temperatures and corrosion. The springs are manufactured from special stainless steel and all steel parts are hot dipped galvanized or zinc treated and finished with a powder coating.

### PRODUCT USE:

- Installed at the air intake or air outlet
- Has integrated wall sleeve
- Should be installed only with equipment that has been manufactured by Beth-El Industries to ensure maximum performance



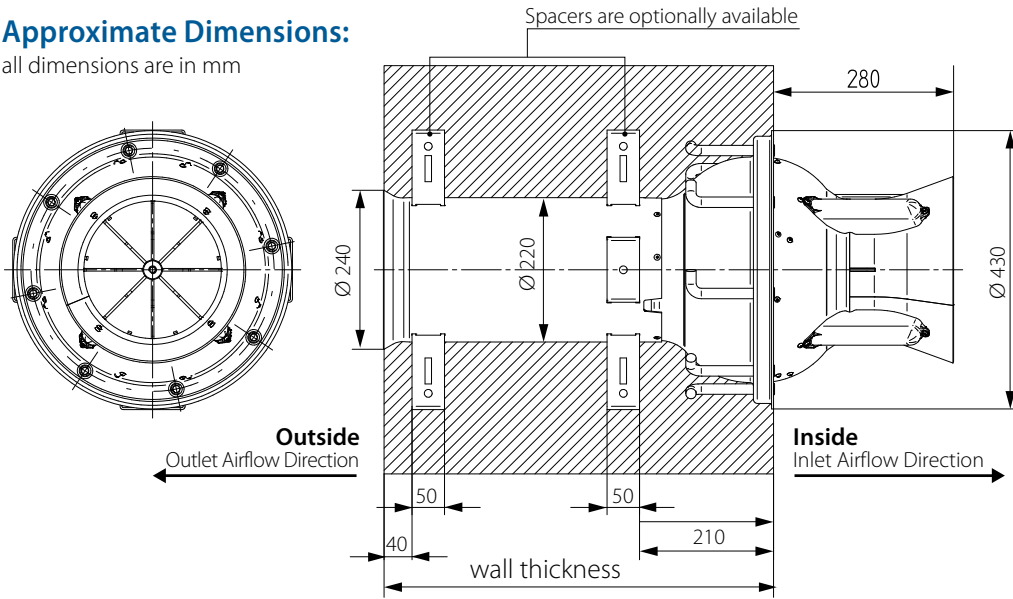
Certified Quality Assurance Program According to **AQAP-2110**





### Approximate Dimensions:

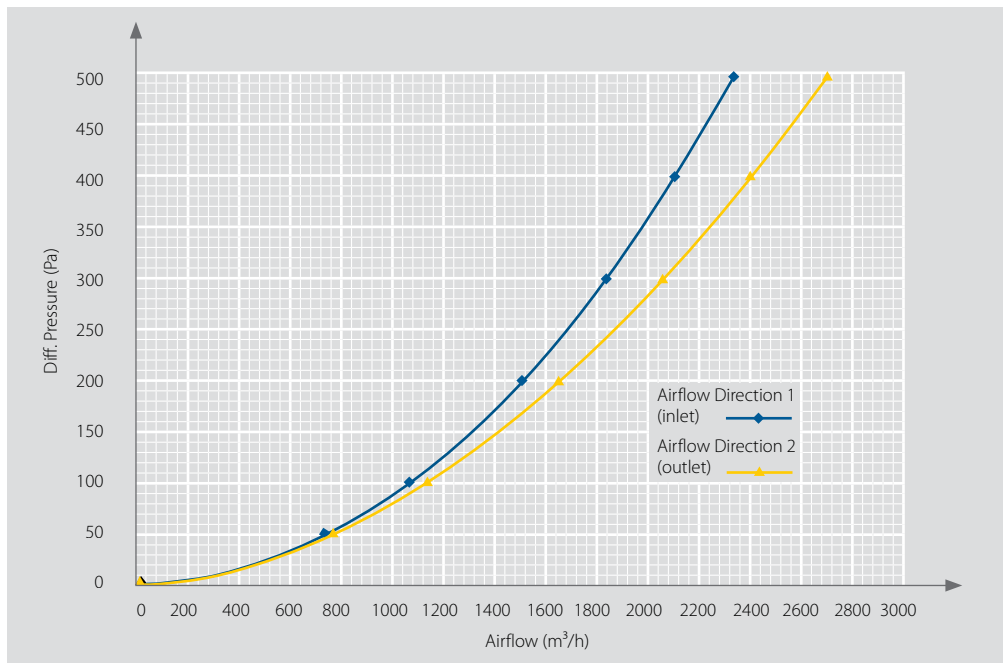
all dimensions are in mm



### CERTIFICATIONS:

- Tested and certified for compliance to the applicable Israeli, Singaporean, and Swiss standards
- Quality control according to ISO 9001
- Quality assurance AQAP 2110

### Pressure Drop on Airflow E 2140:



### Specifications for the E 2140:

Product No:	B92500	
Airflow Direction:	See Diagram	$m^3/h$
Flow Resistance:	See Diagram	Pa
Reflected Pressure Durability:	>10,000 (>1,400)	kPa (psi)
Working Temperature:	-40 to +100 (-40 to +212)	$^{\circ}C$ ( $^{\circ}F$ )
Mechanical Shock Resistance:	60	g
Installation Matrix:	$\geq 430 \times 430$	mm
Minimum wall thickness	$\geq 400$	mm

Specifications are subject to change without prior notice.

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