



# PanBlast™ Air Cooling Controller and Air Flow Controller

*"Surface Preparation  
Is Our Business"*

The PanBlast™ Air Cooling Controller is utilized to cool the incoming air from the respirator airline filter prior to entering the respirator helmet.

Regardless of the type of air compressor used, heat is generated during the air compression process, due to friction. If no air cooling is performed after compression, this hot air will be fed directly to the blasting operator.

The use of the PanBlast™ Air Cooling Controller will reduce the incoming air temperature by up to 19°C (66°F), thus providing breathing air at a comfortable temperature for the operator.

The PanBlast™ Air Cooling Controller does not require batteries or electrical power to operate, and contains no moving parts. The unit operates on the principle of using a static vortex to cool the air; compressed air is simply supplied to the air inlet and exits the unit cooled.

The PanBlast™ Air Flow Controller is a cost effective alternative to the Air Cooling Controller for applications when cooling of the air to the respirator helmet is not required or necessary.

Both the Air Cooling Controller and Air Flow Regulator come complete with a nylon waist belt to attached them to the operators waist during use.

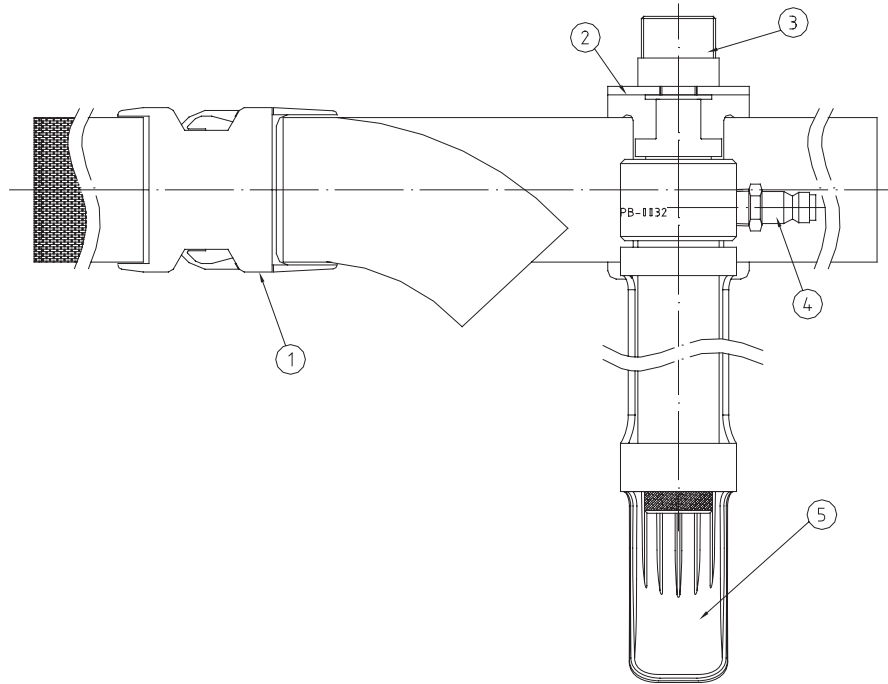


Note: Regulatory requirements for breathing air quality will vary depending on your region.  
· For NIOSH requirements, breathing air must be of Grade D quality.  
· For CE requirements, breathing air must be in accordance with EN12021.  
· For AS/NZS requirements, breathing air must be in accordance with AS/NZS1715.

*Blast Pots & Cabinets - Remote Control Valves - Abrasive Control Valves - Blast Nozzles - Nozzle Holders & Couplings - Helmets & Breathing Air Filters*

## PanBlast™ Air Cooling Controller Assembly -

Stock Code	Description	Weight
BAC-AF-PB-0032	Air Cooling Controller	0.65kg (1.43lbs)

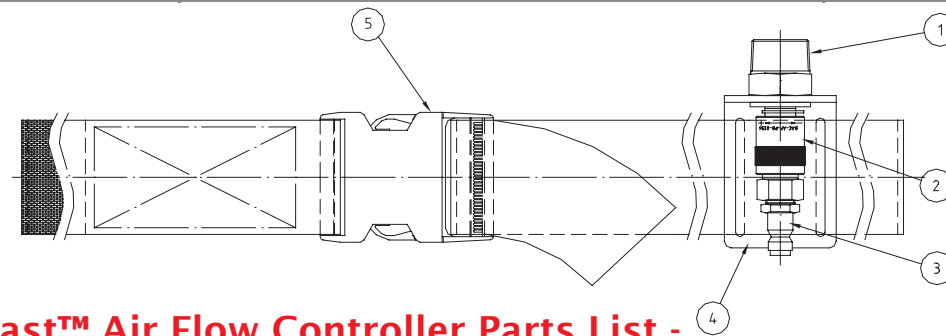


## PanBlast™ Air Cooling Controller Parts List -

Item	Stock Code	Description	Qty
1	BAC-AF-PB-0052	Waist Belt and Buckle	1
2	YAC-AF-PB-0033	Support Bracket	1
3	YAC-PF-PB-0158	Nylon Reducing Bush 3/4" x 1/4" BSP	1
4	YAC-PF-PB-0094	Quick Disconnect Coupling - Male 1/4" BSP	1
5	BAC-AF-PB-0059	Heat Shield	1

## PanBlast™ Air Flow Controller Assembly -

Stock Code	Description	Weight
BAC-AF-PB-0036	Air Flow Controller	0.40kg (0.88lbs)



## PanBlast™ Air Flow Controller Parts List -

Item	Stock Code	Description	Qty
1	YAC-PF-PB-0158	Nylon Reducing Bush 3/4" x 1/4" BSP	1
2	YAC-AF-0295-00	Air Flow Controller	1
3	YAC-PF-PB-0094	Quick Disconnect Coupling - Male 1/4" BSP	1
4	YAC-AF-PB-0033	Support Bracket	1
5	BAC-AF-PB-0052	Waist Belt and Buckle	1