



OPERATION AND SAFETY INSTRUCTIONS

PERSONAL AIR CONDITIONER

MODEL 220, 220BSP

IMPORTANT

READ ALL INSTRUCTIONS BEFORE ATTEMPTING TO OPERATE THIS PRODUCT.

INTRODUCTION

The Vortec Model 220 Personal Air Conditioner is designed to be used with our Model 855 or 857 Diffuse Air Vest to provide worker comfort in hot or cold working conditions.

COMPRESSED AIR SUPPLY

The Personal Air Conditioner must be connected to a compressed air source that is filtered (5 micron maximum) to remove water, particulate and oil. If oil is present in compressed air supply, remove the oil using a 0.01 micron (maximum) air filter. Change filter elements as needed. For assistance in selecting a compressed air line size, contact your local authorized distributor or ITW Air Management.

OPERATION

Use the quick disconnect fitting on the Personal Air Conditioner to easily connect to your compressed air supply. Rotate adjustment lever to control output temperature.

MAINTENANCE

Personal Air Conditioners have no moving parts and can be disassembled for cleaning.

LIMITED WARRANTY

Vortec compressed air products manufactured by ITW Air Management will be replaced or repaired if found to be defective due to manufacture within ten years from the date of invoice. Refer to our website itwvortec.com for full warranty details and limitations. ITW Air Management makes no specific warranty of merchantability or warrant of fitness for a particular purpose.

GENERAL SAFETY CONSIDERATIONS

WARNING

COMPRESSED AIR COULD CAUSE DEATH, BLINDNESS OR INJURY.

1. Do not operate a Personal Air Conditioner at compressed air pressures above 150 PSIG (10.3 Bar).
2. Do not operate a Personal Air Conditioner at line temperatures above 110°F (43°C).
3. Avoid direct contact with compressed air.
4. Do not direct compressed air at any person.
5. When using compressed air, wear safety glasses with side shields.

NOTE

WHEN USING A PERSONAL AIR CONDITIONER, THERE IS NO NEED TO LIMIT COMPRESSED AIR PRESSURE TO A MAXIMUM OF 30 PSIG (2 BAR). IT IS NOT POSSIBLE TO BLOCK THE FLOW OF AIR FROM A PERSONAL AIR CONDITIONER TO REGISTER 30 PSIG (2 BAR) ON A TEST GAUGE.

For information contact your local authorized distributor or:

Vortec

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