

# AIRCON-2 HIGH VOLUME AIR SAMPLER

## Extended Flow Range

2-30 LPM flow range designed for collecting particulates in a given plant area.

## Fully Programmable

Can be programmed with up to three custom timing routines for unattended sampling up to 99 hours.

## Touchpad & LCD Display

Allows easy programming of sampling starts and stops, delays, holds, and number of cycles.

## Instant Fault Function

When in fault mode unit stops sampling run and locks in time. "FAULT" appears on display to alert operator.

## Instant Pressure Check

Back pressure load can be checked on LCD display by pressing a single button.



### PERFORMANCE

Flow Range	2-30 LPM
Constant Flow	2-30 LPM @ pressures up to 7 psi
Run Time	8 hour minimum

### ENVIRONMENTAL

Temperature Ranges	
• Operating	-4°F to 113°F (-20°C to 45°C)
• Storage	-40°F to 113°F (-40°C to 45°C)

### HUMIDITY RANGE

Humidity Range	0-95 %RH, non-condensing
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### GENERAL

Display	Electronic Pressure Display, Full-Function Timing, Program, Instant-Fault Function, Programmable Memory,(up to 3 custom programs)
Keypad	ACCEPT, PROG, TIME/PRESS,RUN/HOLD
Controls	Flow Adjust
Indicators	LCD Display, External Rotameter, Instant Fault, Low Battery
Dimensions	4.3W x 0.3H x 7.5D inches, 10.8W x 26.0H x 19.1D cm
Weight	main Unit: 12 lbs (5.4 kg), 4-Hour Battery Pack: 11.5 lbs (5.2 kg), Power Module: 2 lbs (0.9 kg)

### ELECTRICAL

Main Unit Input	12 VDC @ 3.4 A
Power Module Input	115-230 VAC @ 800/600 mA, 50-63 Hz
Power Module Output	14 VDC @ 4.6 A (51 watts)
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Battery Pack Output	12 VDC, 13 AH
Fuses	250 VAC, 3 amp, fast acting, 250 VAC, 1.6 amp, fast acting
Charging Time	14 hours (operational), 8 hours (non-operational)

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