

# Thermo Scientific Air Cadet™

## Single-head Vacuum/Pressure Pump



### Features / Benefits

- Ideal for filtration, evacuation, flue-gas sampling, and other gas or air handling applications.
- Compact size for portability.
- Economically priced and can handle many tough vacuum/pressure applications
- On/Off switch provides convenient control.
- Includes PTFE sealing tape, two 3/8" polyethylene hose barb adapters, and a 6-ft three-wire cord.

Catalog number	420-1901	420-1902
<b>Performance Specifications</b>		
Flow capacity (LPM)	17 LPM	14 LPM
Max. Pressure (PSIG/BAR)	21 PSIG (1.56 BAR)	21 PSIG (1.56 BAR)
Max Vac. (In Hg / mmHg)	23 in Hg (23mm Hg)	23 in Hg (23mm Hg)
<b>Electrical Specifications</b>		
Voltage VAC	115	230
Frequent / Phase	60 / 1	50 / 1
Motor type	TEFC, Totally – Enclosed Fan Cooled	
Motor HP	Sub-fractional, 1/45 HP	
Control	On / Off Switch	
Motor speed (RPM)	1550	1290
<b>Physical Specifications</b>		
Pump head materials	Dacron-reinforced nitrile, Valox, PTFE and polyethylene	
Agency listings	UL, cUL, and CE (230v only)	
Operating temperature	0 to 40°C (32 to 104°F)	
Storage temperature	–45 to 65°C (–13 to 149°F)	
Dimensions (L x W x H)	8 x 4 x 5.5 (20 x 10 x 14 cm)	
Shipping weight	7 lb (3.2kg)	