

# Barnant

...when performance counts

## 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 provided 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 (3.2 kg)	

# Barnant

...when performance counts

28W092 Commercial Ave.  
Barrington, Illinois U.S.A. 60010-2392  
1-800-637-3739 (U.S. and Canada only)  
11-847-381-7050 (Outside U.S.)  
847-381-7050 (Local)  
FAX 11 847-381-7053 (Fax outside U.S.)  
847-381-7053 (Local Fax)  
www.barnant.com  
e-mail:process@barnant.com

Represented by: