

## Benefits

- Provides air pressure to critical points-of-use
- Eliminates down time and production loss caused by low air pressure
- Enables air equipment to operate at pressure levels specified by equipment manufacturers
- Cost Savings- Allows for the reduction of general plant air pressure when used in conjunction with ConservAIR's Intermediate Control<sup>®</sup>

## Minimum Maintenance

- Requires no external lubricators
- Integrated block design eliminates potential points of expensive leakage
- Includes high performance mechanical pump parts for long life

## 2:1 Pressure Booster



**Positive Displacement Amplifier Boosts  
Air Pressure Supply At Points-Of-Use.**

ConservAIR pressure boosters are designed for point-of-use applications requiring high pressure. Pressure boosters provide the advantage of delivering high pressure air to the point-of-use without having to elevate the entire plant pressure. ConservAIR pressure boosters are air-driven requiring no electricity, cooling water, or in-line lubricator, and are explosion proof.

MODEL	NOMINAL DISCHARGE FLOW	CONNECTION SIZE	OVERALL DIMENSIONS L x W x H	APPROX. WEIGHT
CPB 34-35	4 SCFM	.25"	17" x 9.0" x 16.75"	35 LBS.
CPB 34-12	4 SCFM	.25"	27.5" x 13.0" x 21"	45 LBS.
CPB 50-12	15 SCFM	.375"	27.5" x 13.0" x 22"	50 LBS.
CPA 64-04	35 SCFM	.50"	17" x 10" x 22.5"	60 LBS.
CPA 64-10	35 SCFM	.50"	23" x 12" x 24"	100 LBS.
CPB 60-12	35 SCFM	.50"	27.5" x 13" x 24"	60 LBS.
CPA 64-20	35 SCFM	.50"	33" x 16" x 29.5"	130 LBS.
CPA 64-30	35 SCFM	.50"	38" x 18" x 31.5"	160 LBS.
CPA 94-10	78 SCFM	.75"	23" x 12" x 24.5"	85 LBS.
CPA 94-20	78 SCFM	.75"	33" x 16" x 29.5"	140 LBS.
CPA 94-30	78 SCFM	.75"	38" x 18" x 31.5"	180 LBS.
CPA 94-60	78 SCFM	.75"	50" x 22" x 36"	230 LBS.

- Maximum rated discharge pressure is: CPA Models 150 PSIG, CPB Models 145 PSIG. Higher pressure units are available.
- Air usage will be 1.5 - 2.0 x the actual discharge flow.
- Nominal flow is based on the approximate range of 80 - 90 PSIG in and 110 - 120 PSIG out.
- Actual flow is subject to specific operating pressures and the duty cycle.
- Normal operating duty cycle - 50%.
- Contact factory for estimated flow data for a specific set of conditions.
- All models can be duplexed for higher flow applications or for staging pressures.
- Last two digits of model number indicate air tank size in gallons.

#### CPA Model Features & Specifications

Air driven booster pump  
 Maximum 2:1 boost ratio  
 ASME pressure tank with relief valve  
 200 PSIG pressure rating  
 Discharge pressure control regulator  
 Maximum discharge pressure 150 PSIG  
 Automatic restart  
 Adjustable stallpoint (optional)  
 Pressure gauges  
 Air inlet particulate filter  
 Exhaust muffler  
 Tank drain valve

#### OPTIONS

High pressure design  
 100% duty operation (CPA Models only)  
 Adjustable stall point (CPA Models only)

#### CPB Model Features & Specifications

Air driven booster pump  
 Maximum 2:1 boost ratio  
 ASME pressure tank with relief valve  
 200 PSIG pressure rating  
 Inlet pressure control regulator  
 Maximum discharge pressure 145 PSIG  
 Automatic restart  
 Adjustable stallpoint  
 Pressure gauges  
 Air inlet particulate filter  
 Exhaust muffler  
 Tank drain valve

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