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## ConservAIR

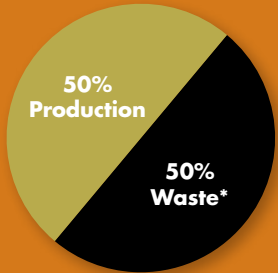
Intermediate Control<sup>®</sup> (Patented)



# What is ConservAIR?

50% of air supplied by the compressors is wasted.

Only 50% is actually used in manufacturing goods and services that make profits.



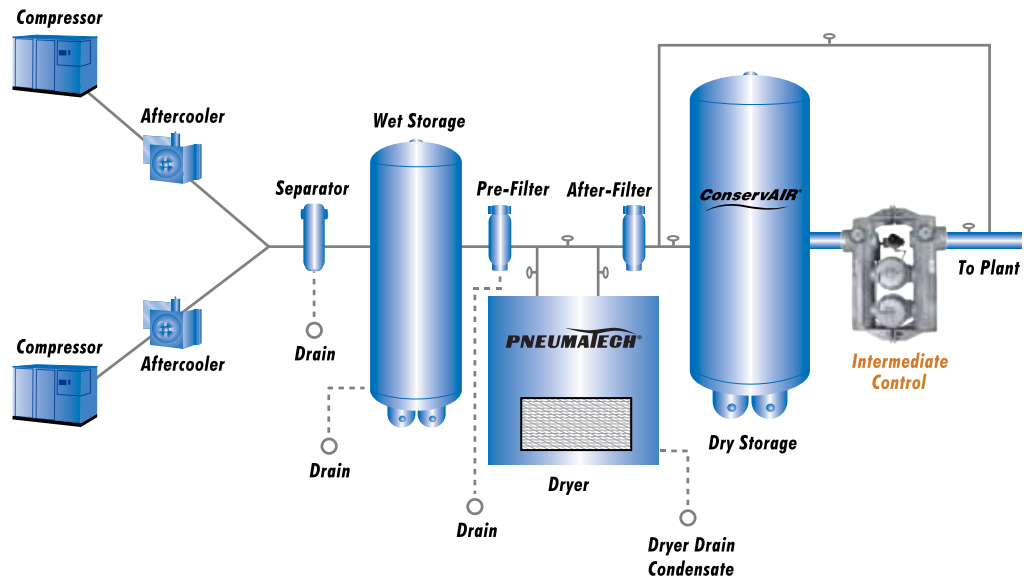
\*Waste due to leaks, uncontrolled use points and inappropriate uses.

**ConservAIR is the concept of controlling the demand side of a compressed air system, utilizing an Intermediate Control® flow device. An Intermediate Control® monitors and stabilizes air pressure by adjusting flow. The I/C releases air from storage to maintain a continuous, optimal air pressure supply. The result of using ConservAIR is reduced waste from leaks and constant air for production.**

## BENEFITS

- Adjusts to system changes instantaneously due to the patented multi-parallel design
- Allows compressors to accelerate and catch up
- Maximizes the advantage of the available part load performance efficiency
- Prevents unacceptable pressure degradation when an operating compressor fails
- Eliminates compressed air related work stoppages and production interruptions
- Enhances the compressor network performance
- Maximizes profits from productivity gains
- Stabilizes the system balance
- Ensures the reliability of air supply
- Eliminates air related complaints
- Allows you to bank and trade carbon credits

## TYPICAL ARRANGEMENT



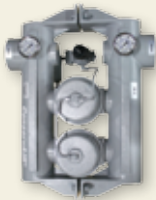


Special units are available

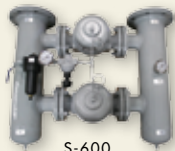
- Patented Multi-Parallel Design
- Easy Installation
- Remote Panel Option
- Bypass Option



S-100



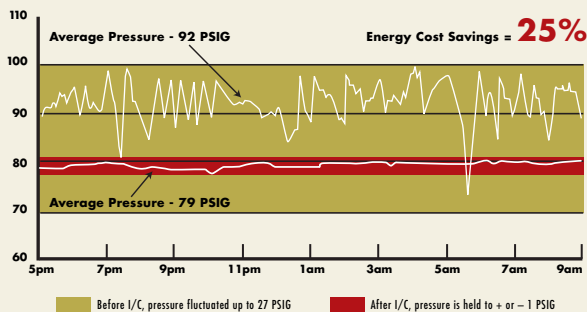
S-150



S-600

### SAVE ENERGY = SAVE MONEY\*

Before & after the installation of ConservAIR Controls



#### Example:

200 HP X 25% savings = 50 HP = **\$70,000** cost savings

## SPECIFICATIONS

### S-Series Specifications

Model	Max Flow SCFM	Connection Size	Approx. Dimensions LxWxH (in.)	Approx. Shipping Weight
<b>S-30</b>	150	1" NPT (F)	11.48 x 9.06 x 14.75	60 lbs.
<b>S-60</b>	250	1" NPT (F)	11.48 x 9.06 x 14.75	70 lbs.
<b>S-100</b>	500	1.5" NPT (F)	11.48 x 9.06 x 14.75	80 lbs.
<b>S-150</b>	750	2" NPT (F)	18.75 x 10.98 x 24	110 lbs.
<b>S-200</b>	1000	3" FLG	18.75 x 10.98 x 24	120 lbs.
<b>S-300</b>	1500	3" FLG	18.75 x 10.98 x 24	130 lbs.
<b>S-600</b>	3000	4" FLG	33.66 x 14.05 x 27.64	250 lbs.

Max. Inlet Pressure: 200 PSI  
 Max Outlet Pressure: 195 PSI  
 Inlet pressure must be 5 PSI or higher than outlet pressure  
 For higher pressure requirements, consult factory

Options:  
 3-way Manual Bypass  
 Remote Pneumatic Control  
 Flanged Inlet and Outlet

### K-Series Specifications

Model	Max Flow SCFM	Connection Size	Approx. Dimensions LxWxH (in.)	Approx. Shipping Weight
<b>K-1750</b>	1750	4" FLG	33.75 x 15 x 28.625	545 lbs.
<b>KP-1750</b>	1750	4" FLG	33.75 x 15 x 28.625	565 lbs.
<b>KE-1750</b>	1750	4" FLG	33.75 x 15 x 28.625	565 lbs.
<b>K-2600</b>	2600	4" FLG	37.25 x 15 x 28.625	595 lbs.
<b>KP-2600</b>	2600	4" FLG	37.25 x 15 x 28.625	615 lbs.
<b>KE-2600</b>	2600	4" FLG	37.25 x 15 x 28.625	615 lbs.
<b>K-3500</b>	3500	6" FLG	41.375 x 17 x 28.625	725 lbs.
<b>KP-3500</b>	3500	6" FLG	41.375 x 17 x 28.625	755 lbs.
<b>KE-3500</b>	3500	6" FLG	41.375 x 17 x 28.625	755 lbs.
<b>K-5500</b>	5500	6" FLG	40.875 x 18 x 31.625	1130 lbs.
<b>KP-5500</b>	5500	6" FLG	40.875 x 18 x 31.625	1150 lbs.
<b>KE-5500</b>	5500	6" FLG	40.875 x 18 x 31.625	1150 lbs.

Max. Inlet Pressure: 150 PSI  
 Top Inlet & Outlet connections  
 KP models are equipped with a remote pneumatic servo pilot control  
 KE models feature a remote iSYS 2000 electronic PID control

Options:  
 3-way Manual Bypass  
 3-way Automatic Bypass



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