

Vseries featuring Sullair Smart Technology



Lubricated Rotary Screw
Air Compressors

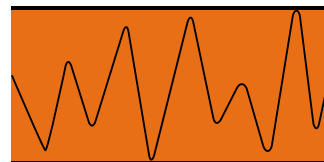
40 to 200 HP



When you invest in Sullair's **V**series compressors, operating consistency and energy efficiency are your dividends. That's just the beginning.

The Sullair **V**series compressors with Sullair Smart Technology provide:

- Excellent energy savings
- Relief from potential peak demand charges
- Possible utility company rebate
- Alleviation from electrical harmonics
- Stable system pressure
- Consistent product quality
- Reduced system air leaks
- Reduced storage requirements
- Flexibility for future growth
- Lowest 5-year Life cycle cost



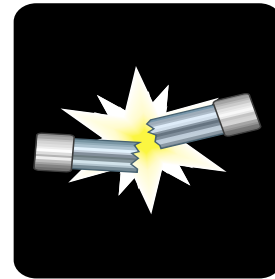
Conventional System Pressure



Sullair **V**series System Pressure

Stable system pressure improves the consistency of your process and product to reduce product rejects. In addition, it:

- Lowers air system leaks.
- Reduces system storage requirements.
- Provides increased energy savings to increase profits.



Soft start is standard.

- Eliminates the need for Wye Delta and other soft starters.
- Avoids high electrical current at start-up.

Variable Speed Drive avoids potential peak demand charges.

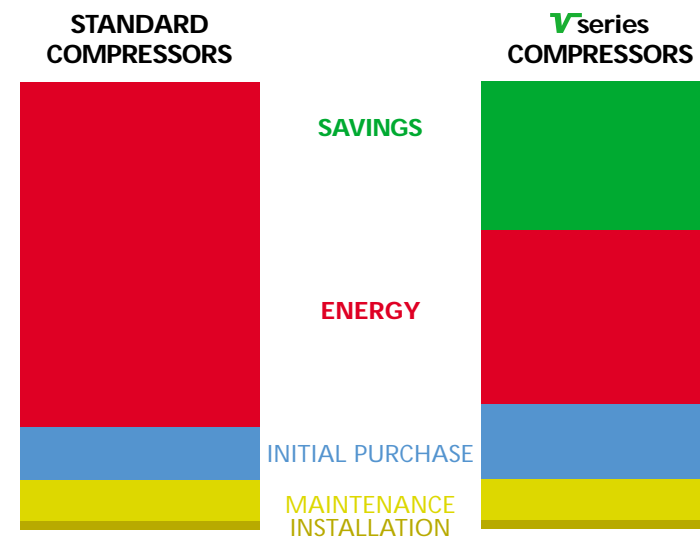
Vseries compressors provide the highest power factor over the entire frequency range, often avoiding utility company penalties.

Unlimited starts and stops

- NO need to control the number of hot or cold starts.
- Unlimited starts and stops save electrical costs.



Your compressed air system can improve your bottom line: **35% energy savings in the first 5 years.** In just 5 years, the electrical power cost to operate a standard compressor can be more than 6 times greater than its purchase price.



Total compressor flexibility... automatically, with safety built-in
Sullair **V**series compressors provide the flexibility to vary both capacity and pressure.



The compressor that grows with you
This flexibility makes it possible to "grow" your air system without adding another compressor.



FOR TODAY, TOMORROW, AND THE FUTURE

Because of its quality, only Sullair has the confidence to offer this unrivaled warranty as STANDARD!

You don't have to ask for it and it costs you nothing. Sullair's Ultra Emerald Warranty covers your compressor's major components for 5 years -- *plus its variable speed drive*. Sullair even includes parts and labor.



- Variable speed drive
- Compressor air-end
- Compressor motor
- Air/Fluid receiver
- Compressor fluid cooler
- Aftercooler

SULLAIR SMART TECHNOLOGY...

It's the BRAIN behind the BRAWN.

Sullair Smart Technology gives you:

- Simplicity
- Flexibility
- Reliability
- System protection

SIMPLICITY: User-Friendly

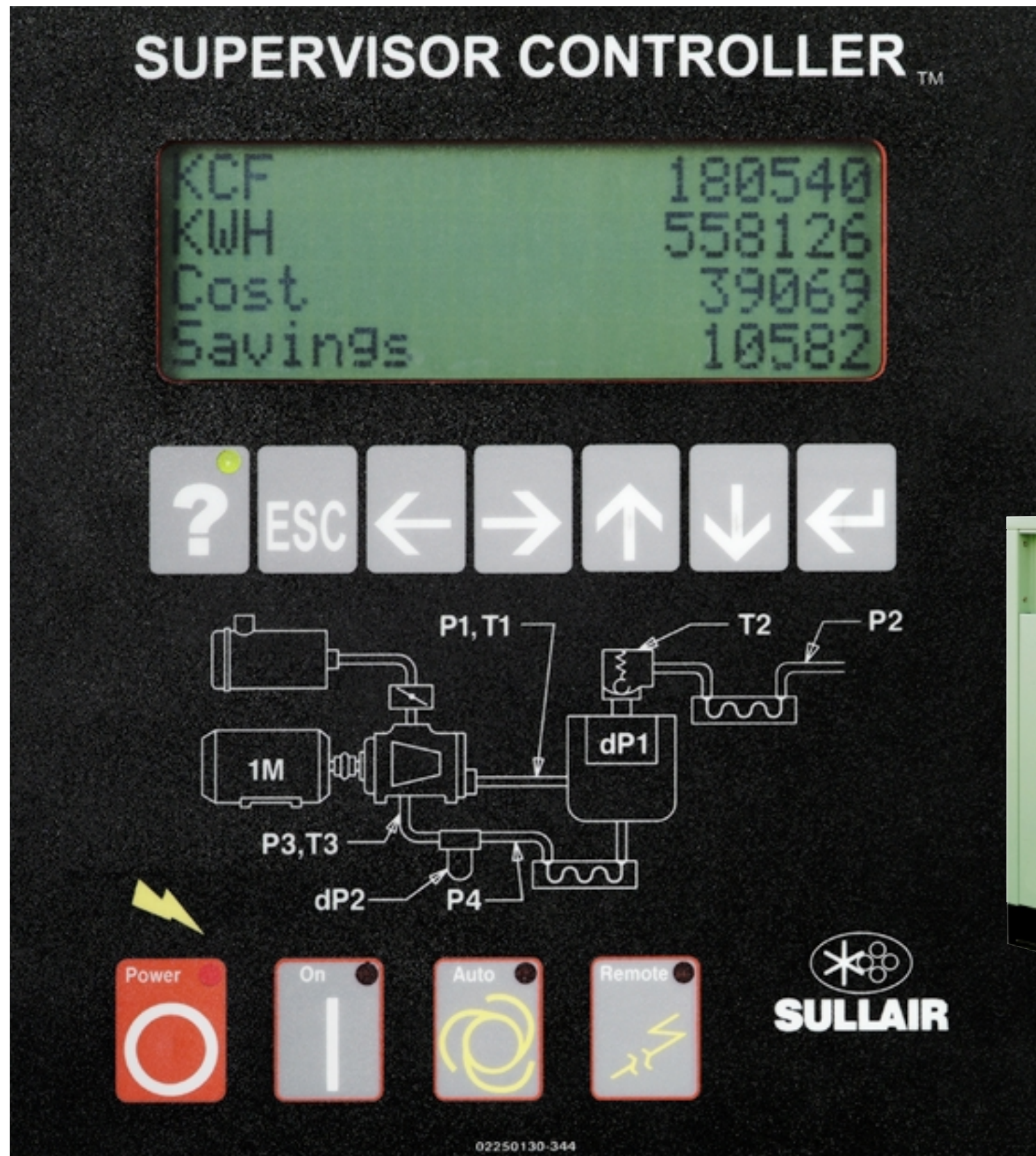
- User-friendly set-up via Supervisor Controller.
- Simplified user interface and adjustment.
- Reduced number of components.
- Instantaneous access and to all cumulative "Vital Statistics".

FLEXIBILITY: Pressure/Capacity

- It's intuitive! Enter three parameters:
 - Unload Pressure
 - Load Pressure
 - Required Pressure
- You set the pressure, **Sullair Smart Technology** takes care of the rest.

RELIABILITY

- Designed from the frame up as a complete package -- not built with a variety of off-the-shelf components.
- Multiple signal wires eliminate relays.



SYSTEM PROTECTION:

Built-in Harmonic Filtration is Standard

- Harmonic filters protect and lengthen the life of all compressor components, as well as other electrical devices on your power grid.
- Provide cleaner power to the motor
- Sullair has your system in mind by furnishing this protection at no additional cost to you. It's an expensive add-on from other manufacturers.
- Avoid purchasing additional costly corrective devices.



Open and enclosed models available.

Sullair Vseries... the compressor package.

Every Sullair Vseries compressor offers you more:

The reliable Sullair air end

- Longer average bearing life, designed for over 100,000 hours of service.

Superior package design

- Sullair Smart Technology matches air-end and VSD for optimum efficiencies.
- Air-cooled or water-cooled models.
- Available with *or* without enclosure.

Premium efficient motor

- Improved energy conservation.
- 250,000-hour insulation life.

Choice of compressor fluids

- Sullube™ is standard factory fill.
- Biodegradeable.
- 5-Year Warranty.
- 24KT™ is optional.

Multi-stage air/fluid separation

- Dual nested separator, reduces carry-over to less than 1 ppm.

Fiberglass fluid filter

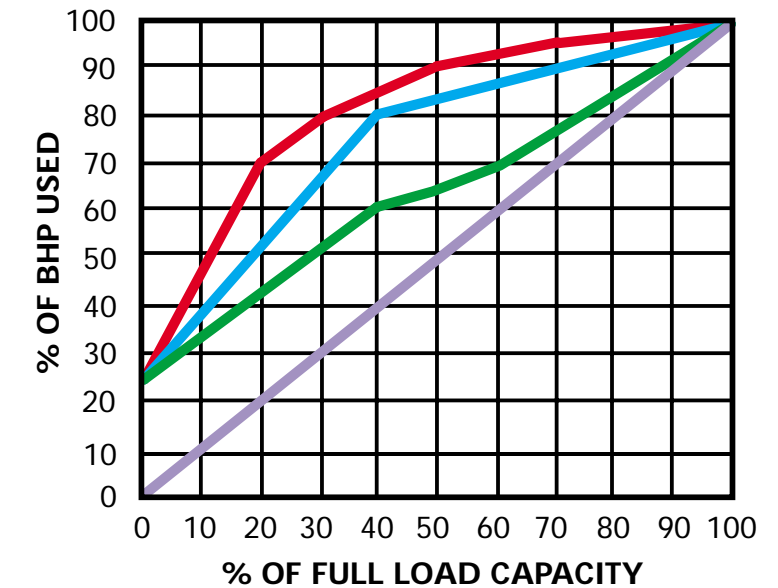
- Up to 20% more efficient than conventional paper elements.

Standard features and options	V-120	V-160	V-200	V-200S	V-200TS
Single-Stage Air-End	●	●	●	●	X
Two-Stage Air-End	X	X	X	X	●
Sullair Supervisor Controller	●	●	●	●	●
Sullair Smart Technology	●	●	●	●	●
Direct Coupled	●	●	●	●	●
Highly Efficient Air/Fluid Separation	●	●	●	●	●
Fiberglass Fluid Filter	●	●	●	●	●
Heavy Duty Intake Filter	●	●	●	●	●
Sullube™ 8000-Hour Compressor Fluid	●	●	●	●	●
Food Grade Compressor Fluid	●	●	●	●	●
Optimizer™ Separator	●	●	●	●	●
Bearing Fluid Reservoir	●	●	●	●	●
ODP Premium Efficient Motor	●	●	●	●	●
TEFC Premium Efficient Motor	●	●	●	●	●
Totally Enclosed Fan Motor	●	●	●	●	●
Ultra Emerald 5-year Warranty ⁽¹⁾	●	●	●	●	●
24KT™ (10-Year Air End Warranty) ⁽²⁾	●	●	●	●	●
Sound Attenuating Enclosure	●	●	●	●	●
Sullair's Versatile Control System	●	●	●	●	●
Cold Weather Package	●	●	●	●	●
SCD Zero Air Loss Condensate Drain	●	●	●	●	●
Energy Efficiency System	●	●	●	●	●

● = Standard ● = Option X = Not Available

⁽¹⁾ Sullair's 5-year warranty includes air end, motor, air/fluid receiver and cooler(s). "L" and "H" models only.

⁽²⁾ Sullair's 24KT warranty includes 5-years on the motor, air/fluid receiver and cooler(s). "L" and "H" models only.



Variable Speed Drive is the superior alternative to other compressor control systems.

The chart above is a representation of nominal control systems for generic comparative purposes. A detailed and accurate comparison of specific compressor models is available from your Sullair representative or authorized distributor.

- Actual Load/No Load (1 gallon/cfm)
- Suction Throttling
- Variable Displacement
- Variable Speed Drive

Sullair **V**series... the broadest range of variable speed drive compressors in the industry.

	Compressor Performance			Dimensions and Weights, Air-Cooled, Enclosed			
	Capacity (acfm)	Full Load Pressure (psig)	Motor 60Hz (hp)	Length (in)	Width (in)	Height (in)	Weight (in)
V-120 60 Hz							
40L	196	100	40	72	48	62.5	2660
40H	177	125	40	72	48	62.5	2660
40HH	160	150	40	72	48	62.5	2660
40XH	145	175	40	72	48	62.5	2660
50L	245	100	50	72	48	62.5	2770
50H	224	125	50	72	48	62.5	2770
50HH	200	150	50	72	48	62.5	2770
50XH	180	175	50	72	48	62.5	2770
60L	277	100	60	72	48	62.5	2970
60H	258	125	60	72	48	62.5	2970
60HH	237	150	60	72	48	62.5	2970
60XH	220	175	60	72	48	62.5	2970
V-160 60 Hz							
60L	300	100	60	72	48	62.5	3360
60H	265	125	60	72	48	62.5	3360
60HH	235	150	60	72	48	62.5	3360
75L	372	100	75	72	48	62.5	3290
75H	337	125	75	72	48	62.5	3290
75HH	305	150	75	72	48	62.5	3290
75XH	272	175	75	72	48	62.5	3290
100L	478	100	100	72	48	62.5	3540
100H	444	125	100	72	48	62.5	3540
100HH	400	150	100	72	48	62.5	3540
100XH	370	175	100	72	48	62.5	3540
V-200 60 Hz							
100L	495	100	100	88	48	61.5	4370
100H	450	125	100	88	48	61.5	4370
100HH	410	150	100	88	48	61.5	4370
V-200S 60 Hz							
125L	633	100	125	100	60	68	5330
125H	576	125	125	100	60	68	5330
150L	757	100	150	100	60	68	5650
150H	696	125	150	100	60	68	5650
150HH	609	150	150	100	60	68	5650
V-200TS 60 Hz							
100L	550	100	100	120	72	66	8230
100H	495	125	100	120	72	66	8230
125L	680	100	125	120	72	66	8330
125H	606	125	125	120	72	66	8330
125HH	550	150	125	120	72	66	8330
125XH	515	175	125	120	72	66	8330
150L	800	100	150	120	72	66	8530
150H	720	125	150	120	72	66	8530
150HH	653	150	150	120	72	66	8530
150XH	610	175	150	120	72	66	8530
200L	1000	100	200	120	72	66	8924
200H	918	125	200	120	72	66	8924
200HH	815	150	200	120	72	66	8924
200XH	750	175	200	120	72	66	8924

Sullair is committed to a program of continuous improvement. Features and specifications may change without notice.



Sullair is pleased to be ISO certified by Lloyd's Register Quality Company



www.sullair.com

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