

25
YEARS OF
SERVICE >>>



Feel the Difference

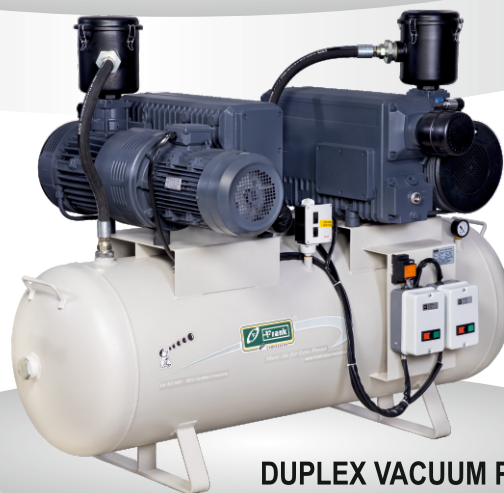
ROVAC / CEVAC SERIES



SINGLE VACUUM PUMP



TRIPLEX VACUUM PLANT



DUPLEX VACUUM PLANT

KEY FEATURES



High Quality Rotary Vane
and Large Size Oil Cooler



Intelligent Microprocessor
based Electronic Controller



Less noise level and
ease of Maintenance



Easy Access to
Serviceable Components



Low Specific Power
Consumption



Design Features



Rotary Vane Technology

Reliable Continuous Vacuum Generation



Silent Operation

Designed for Quieter Working Environments



Oil-Mist-Free Exhaust

Built-in Exhaust Filtration for Cleaner Discharge



Duplex / Triplex Configuration

Standby Capacity for Continuous Operation



PLC + Touch-Screen Control

Centralised Monitoring and Intelligent Pump Control



Vacuum Receiver

Additional Vacuum Storage for Variable Operating Pressure



Heavy-Duty Construction

Built for Dependable Operation in Demanding Environment



Vacuum Systems

- **Frank Make Rotary Vane (Medical) Vacuum System** shall ensure the minimum pipeline vacuum level of **450 mmHg** at any point of use at full load, as per international standards.
- Compliant with: **ISO 7396-1 | HTM 02-01 | HTM 2022**

- System incorporates **Bacteria Filtration Duplexed** configuration for continuous operation, ensuring zero downtime in critical medical environments.
- **Oil-Water Separation Unit** optimized for clean, oil-mist free exhaust across all operating pressure ranges — suitable for all industrial and medical applications.

Control Systems

- **PLC HMI DISPLAY**
Onboard flash memory with real-time event logging and system status monitoring
- **VACUUM TRANSDUCER**
Cascading pressure control for precise vacuum level management

- **REAL-TIME CLOCK**
Integrated RTC for time-stamped event log and automated scheduling
- **FAULT DIAGNOSTICS**
Comprehensive alarm display with history — minimizes downtime

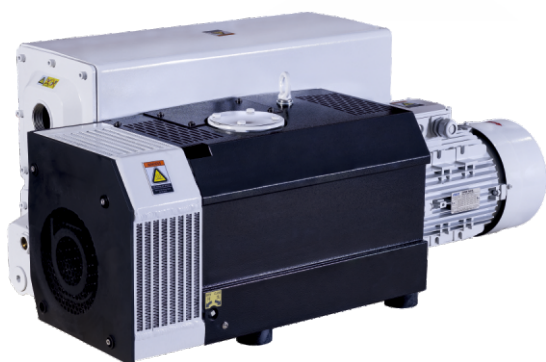
Vacuum Receiver

- **TEST CERTIFICATES**
All receivers supplied with hydraulic / pressure test certificates as standard
- **IS 2825 / PED**
Manufactured to Indian Standard IS:2825 and Pressure Equipment Directive

- **CAPACITY ≥ 100%**
Total receiver volume ≥ 100% of total plant output per 1 minute of operation
- **TANK SIZES**
270 L - 3000 L available to match SV-100 through SV-300 pump models

Premium Quality Single Stage Vacuum Pump

Engineered for Superior Performance



Advanced Vacuum Technology

Efficient, Reliable, Sustainable



HIGH EFFICIENCY

Lower Energy Consumption
& Operating Cost



BUILT TO LAST

Robust Design for
Long-Term Performance

MODEL	Motor Power		Vacuum (Hg)		Nominal Displacement		Blocks	Tank Capacity
	HP	kW	Inch	mm	LPM	CFM	Nos	Liters
Pump Only with Suction Filter								
ROVAC 100P	3	2.2	29	736	1050	59	1	-
ROVAC150P	5	3.7	29	736	2667	96	1	-
ROVAC 200P	7.5	5.5	29	736	3333	118	1	-
ROVAC 300P	10	7.5	29	736	5000	176	1	-
Single Base/ Tank Mounted - Centralised Rotary Vane Vacuum Pump + Electric Starter								
ROVAC 100	3	2.2	29	736	1050	59	1	270/500
ROVAC150	5	3.7	29	736	2667	96	1	270/500
ROVAC 200	7.5	5.5	29	736	3333	118	1	500
ROVAC 300	10	7.5	29	736	5000	176	1	500
Base Tank Mounted Duplex Centralised Rotary Vane Vacuum Pump + Electric Starter								
CEVAC 100DT	3+3	2.2*2	29	736	2100	118	2	500
CEVAC150DT	5+5	3.7*2	29	736	5334	192	2	500
CEVAC 200DT	7.5+7.5	5.5*2	29	736	6666	236	2	500
CEVAC 300DT	10+10	7.5*2	29	736	10000	352	2	500
Duplex Centralised Rotary Vane Vacuum Plant + PLC Control Panel & Touch Screen Controller								
CEVAC 100D	3+3	2.2*2	29	736	2100	118	2	Skid Mounted
CEVAC150D	5+5	3.7*2	29	736	5334	192	2	Skid Mounted
CEVAC 200D	7.5+7.5	5.5*2	29	736	6666	236	2	Skid Mounted
CEVAC 300D	10+10	7.5*2	29	736	10000	352	2	Skid Mounted
Duplex Centralised Rotary Vane Vacuum Plant + PLC Control Panel & Touch Screen Controller+ Vacuum Receiver								
CEVAC 100DVR	3+3	2.2*2	29	736	2100	118	2	270/500
CEVAC150DVR	5+5	3.7*2	29	736	5334	192	2	270/500
CEVAC 200DVR	7.5+7.5	5.5*2	29	736	6666	236	2	500/1000
CEVAC 300DVR	10+10	7.5*2	29	736	10000	352	2	1000/2000
Triplex Centralised Rotary Vane Vacuum Plant + PLC Control Panel & Touch Screen Controller								
CEVAC 100T	3+3	2.2*2	29	736	3150	177	3	Skid Mounted
CEVAC150T	5+5	3.7*2	29	736	8001	288	3	Skid Mounted
CEVAC 200T	7.5+7.5	5.5*2	29	736	9999	354	3	Skid Mounted
CEVAC 300T	10+10	7.5*2	29	736	15000	528	3	Skid Mounted
Triplex Centralised Rotary Vane Vacuum Plant + PLC Control Panel & Touch Screen Controller+ Vacuum Receiver								
CEVAC 100TVR	3+3	2.2*2	29	736	3150	177	3	500
CEVAC150TVR	5+5	3.7*2	29	736	8001	288	3	1000
CEVAC 200TVR	7.5+7.5	5.5*2	29	736	9999	354	3	1000
CEVAC 300TVR	10+10	7.5*2	29	736	15000	528	3	1000



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Our Medical Product Range



Oil Free Piston
Air Compressor



Reciprocating Piston
Vacuum Pump



Dental
Air Compressor



Bacteria
Filter



Oil Free Scroll (BM)



Oil Free Scroll
Air Compressor (TM)



Dessicant
Dryer



Oxygen
Generator

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