

# TANK MOUNTED AIR COMPRESSORS

## SERIES: ERC, AC, OPTIMA 11

### FEATURING 90 GALLON AIR RECEIVER TANKS

MATTEI® continues to deliver superior performance and more value for your money with select compressor packages mounted onto 90 gallon air receiver tanks. Preferred for their exceptional durability, compact size, quiet reliable operation, and long-life low maintenance design.

Want to get your last Air Compressor first?  
Get a Mattei.

### UNCONVENTIONALLY RELIABLE, DURABLE AND ENERGY EFFICIENT

Mattei's advancements in technology and materials offers our customers the best value in premium quality air compressors found anywhere on the planet. Our unconventional "bearingless" air-ends last up to 100,000 hours and are warranted for a full 10 years as they last up to 2-3 times longer than conventional rotary screw type machines. Super quiet operation, less lubricant, and energy-efficient designs save you more.



### WHY MATTEI IS YOUR BEST CHOICE

Mattei compressors are designed to give constant top performance 24 hours a day, every day of the year. It is not unusual for these compressors to have an operating life of over 100,000 hours. Our 90 gallon tanks give you more than 10% extra energy saving air storage than common 80 gallon tanks.

Mattei tank mounted compressors deliver:

- >10% extra air storage at no extra cost
- No wear of the compressor's moving mechanical parts
- Pulse-free air
- Compact design
- Low oil volume and consumption
- Direct coupled compressor & motor
- Slow 1,800 RPM rotational speed
- Low maintenance
- Quiet operation



# SPECIFICATIONS & PERFORMANCE

## ERC SERIES: Open Frame Compressors on 90 Gallon Tank

Model	Voltage	Power		Capacity		Sound dB(A)	Air Outlet npt	Dimensions (inch)			Weight lbs (net)
		HP	kW	PSIG	CFM			L	W	H	
ERC 504S	230v, 1 ph, 60 hz	5	4.0	125	23	72	1"	53	30	51	750
ERC 505S		7.5	5.5	125	33	74	1"	53	30	51	760
ERC 504L	208-230/460, 575v, 3ph, 60 hz	5	4.0	125	23	72	1"	53	30	51	700
ERC 505L		7.5	5.5	125	33	74	1"	53	30	51	710
ERC 507L		10	7.5	125	43	77	1"	59	30	57	760
ERC 511L		15	11.0	125	67	78	1"	59	30	57	870
ERC 515L		20	15.0	125	75	78	1"	59	30	57	920

Working pressures: 119 psig for 125 psig version

## AC SERIES: Cabinet Enclosed Compressors on 90 Gallon Tank

Model	Voltage	Power		Capacity		Sound dB(A)	Air Outlet npt	Dimensions (inch)			Weight lbs (net)
		HP	kW	PSIG	CFM			L	W	H	
AC 4 LX	230v, 3ph, 60 hz 460v, 3ph, 60 hz	5	4.0	115	26	67	1"	53	32	59	630
AC 4 HX		5	4.0	150	22	67	1"	53	32	59	630
AC 4 HHX		5	4.0	175	15	67	1"	53	32	59	630
AC 5 LX		7.5	5.5	115	36	67	1"	53	32	59	645
AC 5 HX		7.5	5.5	150	29	67	1"	53	32	59	645
AC 5 HHX		7.5	5.5	175	24	67	1"	53	32	59	645
AC 7 LX		10	7.5	115	49.1	67	1"	54	32	67	795
AC 7 HX		10	7.5	150	43	67	1"	54	32	67	795
AC 7 HHX		10	7.5	175	42	67	1"	54	32	67	795
AC 11 LX		15	11.0	115	74.5	67	1"	54	32	67	840
AC 11 HX		15	11.0	150	66	67	1"	54	32	67	840
AC 11 HHX		15	11.0	175	58	67	1"	54	32	67	840

Working pressures: "LX" 109 psig for 115 psig version; "HX" 143 psig for 150 psig version; "HHX" 167 psig for 175 psig version

## OPTIMA SERIES: VSD Cabinet Enclosed Compressor on 90 Gallon Tank

Model	Voltage	Power kW	Pressure PSIG	Capacity (SCFM)		Sound dB(A)	Air Outlet npt	Dimensions (inch)			Weight lbs (net)
				min.	max.			L	W	H	
OPTIMA 11	460v, 3ph, 60 hz	11.0	100 - 150	42	68	65	1"	54	32	67	870

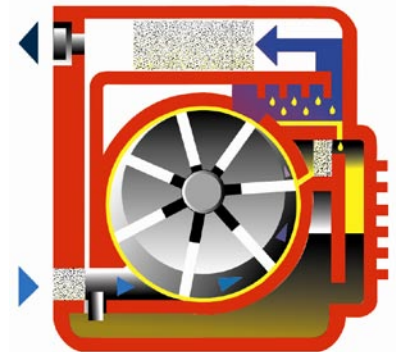


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### HOW IT WORKS

Ambient air is drawn through a filter into the compression chamber consisting of a stator in which an eccentrically arranged rotor revolves at 1,800 rpm (or less with OPTIMA 11.) An air intake valve automatically adjusts the incoming air volume. The rotor has longitudinal slots in which the vanes slide. Zero-wear vanes ride on a thin film of oil and are held against the stator by centrifugal force. The air is compressed through the contraction in volume of each chamber formed by the vanes, the rotor and the stator wall. Sealing, cooling and lubrication are ensured by the oil injected into the chamber.



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COMPANY  
WITH QUALITY MANAGEMENT  
SYSTEM CERTIFIED BY DNV  
= ISO 9001 : 2001 =