



# E-Series Oil-Free Rotary Air Compressors

200-355kW(250-450hp), 50Hz(60Hz)

Ingersoll Rand works to keep you ahead of your competition with E-Series air compressors that improve your company's productivity and profitability through industry-leading energy efficiency, exceptional reliability and intelligent control.



## World-class performance

- Two-stage airends provide design flexibility, up to 14% improved efficiency and up to 14% more airflow capacity
- UltraCoat™ mechanically bonded coating on the rotors and the internal surfaces ensure no degradation and deliver the most air per input power
- V-Shield™ technology provides a totally integrated, leak-free design, featuring PTFE stainless steel braided oil hoses and O-ring face seals
- Reliable free-floating cooling system with reduced thermal stress for improved durability
- Variable Speed Driven cooling fan on ALL air cooled machine, provide adjustable cooling air with lowest amount of energy consumption; Centrifugal blower on ALL air cooled machine, Delivers low noise, high pressure cooling air;



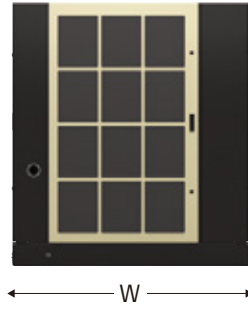
- Enhanced serviceability ensures increased uptime with two-stage filtration, easy maintenance and Ingersoll Rand extended life, premium grade coolant
- Xe-Series controller delivers increased control functionality through an intuitive user interface, as well as remote access with any common, current web browser
- Hinged-door service access with integrated handles provides quick, easy access to all user-maintainable components
- Comprehensive CARE service programs to ensure proper maintenance and longer product life, as well as extend warranty™



Standard Features				Optional Features			
Category	Description	i / ie	n / ne	Category Optional Features	Description	i / ie	n / ne
Airend	Premium performance airend	○ / ●	○ / ●	Harsh Condition Operation	Outdoor modification/rain protection	○	
Controller	Energy-saving XE-145 controller easy to operate in over 30 languages	●	●		High dust filter	○	
	Programmable start/stop operation and remote connectivity	●	●		High dust package prefilter	○	○
	Built-in optimization sequencer for up to four units*	●	●		Low ambient temperature protection	○	
Cooling System	A/C free-floating cooling system optimized for efficiency & serviceability	●	●	High ambient rating up to 131°F (55°C)	○		
	Energy-efficient and low-noise centrifugal blower	●	●	Containment base	○	○	
	Free-floating cooling system rated for 115°F (46°C) ambient	●	●	Harsh water cooling system (water-cooled only)	○	○	
	Condensate / moisture separator	●	●	Seawater cooling system (water-cooled only)	○	○	
	Electronic no-loss condensate drains	○	○	Fluid containment system	○	○	
V-Shield™ Technology	Premium stainless steel and PTFE metal-flex hoses	●	●	Energy recovery system (water-cooled models only)	○	○	
	Vibration isolation pads	●	●	No aftercooler	○	○	
	Repeatable leak-free connections with superior elastomeric seals	●	●	Ultra FG™ lubricant	○	○	
Auxiliary Systems	Noise attenuation enclosure	●	●	6kV and 10kV compressor main motors	○		
	Package pre-filtration	●	●	Power outage automatic restart option (PORO)	○	○	
	Long-life filtration elements	●	●	Remote sensing	○	○	
	Flow control by full load/no load regulation system	●	●	Phase monitor	○		
Motors & Electrical Systems	Control panel protection, IP55/NEMA® 4	●		Electronic solid state reduced voltage starter	○		
	Control panel protection, NEMA® 12		●	Comprehensive service and coverage plans	○	○	
	Star-delta reduced voltage starter	●					
	IE3 / NEMA® Premium TEFC IP55 motors – Class F insulation with B rise	●	●				
	Space heaters and RTDs	○ / ●	○ / ●				
General Features	Phase monitor (protection)	○ / ●					
	Simple ducting (single air inlet and single air outlet)	●	●				
	12-month full package warranty	●	●				

\*Maximum one variable speed unit. Must be placed in first position

● Standard feature ○ Optional feature "Blank" Not Available



Model	Max pressure barg	Nominal power kW	Capacity (FAD)* m <sup>3</sup> /min	Dimensions (L x W x H) mm	Weight kg
<b>i – Fix Speed, 50Hz</b>					
E200i-A7.5	7.5	200	37.6	3457 x 2152 x 2446	6136
E200i-W7.5	7.5	200	37.7	3457 x 2152 x 2446	5444
E200i-A8.5	8.5	200	35	3457 x 2152 x 2446	6136
E200i-W8.5	8.5	200	35.1	3457 x 2152 x 2446	5444
E200i-A10.5	10.5	200	31.8	3457 x 2152 x 2446	6136
E200i-W10.5	10.5	200	31.8	3457 x 2152 x 2446	5444
E250i-A7.5	7.5	250	45.2	3457 x 2152 x 2446	6601
E250i-W7.5	7.5	250	45.2	3457 x 2152 x 2446	5909
E250i-A8.5	8.5	250	43.6	3457 x 2152 x 2446	6601
E250i-W8.5	8.5	250	43.6	3457 x 2152 x 2446	5909
E250i-A10.5	10.5	250	40.6	3457 x 2152 x 2446	6601
E250i-W10.5	10.5	250	40.6	3457 x 2152 x 2446	5909
E315i-A7.5	7.5	315	52.9	3457 x 2152 x 2446	6766
E315i-W7.5	7.5	315	52.9	3457 x 2152 x 2446	6074
E315i-A8.5	8.5	315	51.3	3457 x 2152 x 2446	6766
E315i-W8.5	8.5	315	51.4	3457 x 2152 x 2446	6074
E315i-A10.5	10.5	315	49.1	3457 x 2152 x 2446	6766
E315i-W10.5	10.5	315	49.1	3457 x 2152 x 2446	6074
E355i-W10.5	10.5	355	50	3457 x 2152 x 2446	6089
<b>ie – Fix Speed, Premium Performance, 50Hz</b>					
E200ie-W7.5	7.5	200	38.1	3457 x 2152 x 2446	5444
E200ie-W8.5	8.5	200	35.5	3457 x 2152 x 2446	5444
E200ie-W10.5	10.5	200	32.3	3457 x 2152 x 2446	5444
E250ie-W7.5	7.5	250	45.6	3457 x 2152 x 2446	5909
E250ie-W8.5	8.5	250	44.1	3457 x 2152 x 2446	5909
E250ie-W10.5	10.5	250	41.1	3457 x 2152 x 2446	5909
E315ie-W7.5	7.5	315	53.3	3457 x 2152 x 2446	6074
E315ie-W8.5	8.5	315	51.8	3457 x 2152 x 2446	6074
E315ie-W10.5	10.5	315	49.5	3457 x 2152 x 2446	6074
E355ie-W10.5	10.5	355	50.3	3457 x 2152 x 2446	6089
<b>n –VSD, 50Hz/ 60Hz</b>					
E200n-A10.7/ A155	4-10.7	200	11.4-35.1	3457 x 2152 x 2446	6312
E200n-W10.7/ W155	4-10.7	200	11.4-35.1	3457 x 2152 x 2446	5620
E250n-A10.7/ A155	4-10.7	250	12.2-42.9	3457 x 2152 x 2446	6750
E250n-W10.7/ W155	4-10.7	250	12.2-42.9	3457 x 2152 x 2446	6058
E315n-A10.7/ A155	4-10.7	315	14.5-50.9	3457 x 2152 x 2446	7001
E315n-W10.7/ W155	4-10.7	315	14.5-50.9	3457 x 2152 x 2446	6309
E355n-W10.7/ W155	4-10.7	355	14.5-50.9	3457 x 2152 x 2446	6504
<b>ne –VSD, 50Hz/ 60Hz</b>					
E200ne-W10.7/ W155	4-10.7	200	11.9-35.6	3457 x 2152 x 2446	5620
E250ne-W10.7/ W155	4-10.7	250	12.7-43.3	3457 x 2152 x 2446	6058
E315ne-W10.7/ W155	4-10.7	315	15.0-51.3	3457 x 2152 x 2446	6309
E355ne-W10.7/ W155	4-10.7	355	15.0-51.3	3457 x 2152 x 2446	6504

Model	Max pressure psig	Nominal power HP	Capacity (FAD)* m <sup>3</sup> /min	Dimensions (L x W x H) mm	Weight kg
<b>i – Fix Speed, 60Hz</b>					
E185i-A110	110	250	35.8	3457 x 2152 x 2446	5976
E185i-W110	110	250	35.9	3457 x 2152 x 2446	5284
E185i-A125	125	250	32.3	3457 x 2152 x 2446	5976
E185i-W125	125	250	32.3	3457 x 2152 x 2446	5284
E185i-A155	155	250	28.3	3457 x 2152 x 2446	5976
E185i-W155	155	250	28.3	3457 x 2152 x 2446	5284
E220i-A110	110	300	42.1	3457 x 2152 x 2446	6476
E220i-W110	110	300	42.1	3457 x 2152 x 2446	5784
E220i-A125	125	300	38.8	3457 x 2152 x 2446	6476
E220i-W125	125	300	38.8	3457 x 2152 x 2446	5784
E220i-A155	155	300	35.6	3457 x 2152 x 2446	6476
E220i-W155	155	300	35.6	3457 x 2152 x 2446	5784
E260i-A110	110	350	45.3	3457 x 2152 x 2446	6546
E260i-W110	110	350	45.4	3457 x 2152 x 2446	5854
E260i-A125	125	350	44.2	3457 x 2152 x 2446	6546
E260i-W125	125	350	44.2	3457 x 2152 x 2446	5854
E260i-A155	155	350	40.8	3457 x 2152 x 2446	6546
E260i-W155	155	350	40.9	3457 x 2152 x 2446	5854
E300i-A110	110	400	52.1	3457 x 2152 x 2446	6676
E300i-W110	110	400	52.2	3457 x 2152 x 2446	5894
E300i-A125	125	400	50.3	3457 x 2152 x 2446	5894
E300i-W125	125	400	50.4	3457 x 2152 x 2446	5894
E300i-A155	155	400	45.2	3457 x 2152 x 2446	5894
E300i-W155	155	400	45.3	3457 x 2152 x 2446	5894
E355i-W155	155	450	50.6	3457 x 2152 x 2446	5999
<b>ie – Fix Speed, Premium Performance, 60Hz</b>					
E185ie-W110	110	250	36.3	3457 x 2152 x 2446	5284
E185ie-W125	125	250	32.8	3457 x 2152 x 2446	5284
E185ie-W155	155	250	28.8	3457 x 2152 x 2446	5284
E220ie-W110	110	300	42.5	3457 x 2152 x 2446	5784
E220ie-W125	125	300	39.3	3457 x 2152 x 2446	5784
E220ie-W155	155	300	36.1	3457 x 2152 x 2446	5784
E260ie-W110	110	350	45.8	3457 x 2152 x 2446	5854
E260ie-W125	125	350	44.7	3457 x 2152 x 2446	5854
E260ie-W155	155	350	41.3	3457 x 2152 x 2446	5854
E300ie-W110	110	400	52.6	3457 x 2152 x 2446	5894
E300ie-W125	125	400	50.8	3457 x 2152 x 2446	5894
E300ie-W155	155	400	45.7	3457 x 2152 x 2446	5894
E355ie-W155	155	450	51.1	3457 x 2152 x 2446	5999



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