

# INGERSOLL RAND NEXT GENERATION R SERIES

## 90-160 KW OIL FLOODED ROTARY SCREW AIR COMPRESSORS

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



### WORLD-CLASS PERFORMANCE

→ **WORLD CLASS EFFICIENCY AND AIR FLOW**  
State-of-the-art single and two-stage airends provide design flexibility with up to 10% improved efficiency and up to 10% more airflow capacity

→ **DECREASED ENERGY USE**  
E3/NEMA Premium® Efficiency TEFC motor delivers significant energy savings

→ **RELIABLE FREE-FLOATING COOLING SYSTEM**  
with reduced thermal stress for improved durability

→ **XE-SERIES CONTROLLER**  
delivers increased control functionality through an intuitive user interface as well as remote access with any common, current



→ **LEAK-FREE DESIGN**  
V-Shield Technology provides a totally integrated, leak-free design featuring PTFE stainless steel braided oil hoses and O-ring face seals

→ **REDUCED DOWNTIME**  
Progressive Adaptive Control (PAC) monitors key operating parameters and continuously adapts to prevent unexpected downtime

→ **EASE OF MAINTENANCE**  
Hinged-door service access with integrated handles provides quick, easy access to all user-maintainable components

→ **FLEXIBLE DESIGN OPTIONS**  
Air-cooled, water-cooled and harsh environment options (low and high ambient, outside operation) are available to best match your operating requirement

## TECHNICAL SPECIFICATIONS

STANDARD 50 HZ PERFORMANCE				
Model	Operating Pressure		Capacity	
	bar(g)	psi(g)	m <sup>3</sup> /min	cfm
RS132i A7.5	7.5	110	26.6	941.6
RS132i A8.5	8.5	125	24.8	877.9
RS132i A10	10	145	22.7	803.6
RS132i A14	14	200	18.1	640.7
RS160i A7.5	7.5	110	31.2	1104.5
RS160i A8.5	8.5	125	30	1062.0
RS160i A10	10	145	27.6	977.0
RS160i A14	14	200	22.3	789.4

STANDARD 50 HZ PERFORMANCE				
Model	Operating Pressure		Capacity	
	bar(g)	psi(g)	m <sup>3</sup> /min	cfm
RS90ie A7.5	7.5	110	19.3	683.2
RS90ie A8.5	8.5	125	18.2	644.3
RS90ie A10	10	145	16.4	580.6
RS90ie A14	14	200	13	460.2
RS110ie A7.5	7.5	110	23.5	831.9
RS110ie A8.5	8.5	125	22.1	782.3
RS110ie A10	10	145	20	708.0
RS110ie A14	14	200	16.4	580.6
RS132ie A7.5	7.5	110	27.7	980.6
RS132ie A8.5	8.5	125	26.2	927.5
RS132ie A10	10	145	23.8	842.5
RS132ie A14	14	200	19.6	693.8
RS160ie A7.5	7.5	110	31.9	1129.3
RS160ie A8.5	8.5	125	31	1097.4
RS160ie A10	10	145	28.9	1023.1
RS160ie A14	14	200	23.9	846.1

Watercooled units available



**DIMENSIONS (L x W x H)**  
2,855mm x 1,900mm x 2,108mm