

Compressor Specifications

i Ingersoll Rand Fixed Speed – 60 Hz Performance										
Model	Max. Pressure		Nominal Power		Capacity (FAD)*		Dimensions		Weight (Air-cooled)	
	psig	kW	hp	cfm	Length x Width x Height		kg	lb		
R4i	110	4.0	5.0	19.4	millimeters 960 x 690 x 1,186.5 inches 38 x 27 x 47		280	617		
R4i	125	4.0	5.0	16.9			280	617		
R4i	145	4.0	5.0	14.3			280	617		
R5.5i	110	5.5	7.5	30.5			280	617		
R5.5i	125	5.5	7.5	27.5			280	617		
R5.5i	145	5.5	7.5	24.3			280	617		
R5.5i	200	5.5	7.5	16.8			280	617		
R7.5i	110	7.5	10.0	39.8			280	617		
R7.5i	125	7.5	10.0	36.7			280	617		
R7.5i	145	7.5	10.0	33.4			280	617		
R7.5i	200	7.5	10.0	25.3			280	617		
R11i	110	11.0	15.0	57.5			295	650		
R11i	125	11.0	15.0	56.1			295	650		
R11i	145	11.0	15.0	50.4			295	650		
R11i	200	11.0	15.0	41.5			295	650		
i Ingersoll Rand Fixed Speed TAS – 60 Hz Performance										
R4i TAS*	110	4.0	5.0	19.4	millimeters 1,156 x 690 x 186.5 inches 46 x 27 x 47		345	761		
R4i TAS*	118	4.0	5.0	16.9			345	761		
R4i TAS*	138	4.0	5.0	14.3			345	761		
R5.5i TAS*	110	5.5	7.5	30.5			345	761		
R5.5i TAS*	118	5.5	7.5	27.5			345	761		
R5.5i TAS*	138	5.5	7.5	24.3			345	761		
R5.5i TAS*	193	5.5	7.5	16.8			345	761		
R7.5i TAS*	110	7.5	10.0	39.8			345	761		
R7.5i TAS*	118	7.5	10.0	36.7			345	761		
R7.5i TAS*	138	7.5	10.0	33.4			345	761		
R7.5i TAS*	193	7.5	10.0	25.3			345	761		
R11i TAS*	110	11.0	15.0	57.5			365	805		
R11i TAS*	118	11.0	15.0	56.1			365	805		
R11i TAS*	138	11.0	15.0	50.4			365	805		
R11i TAS*	193	11	15.0	41.5			365	805		
n Ingersoll Rand Variable Speed TAS – 60 Hz Performance										
Model	Max. Pressure		Nominal Power		Capacity (FAD) @ 100 psi		Dimensions (Length x Width x Height)		Weight (Air-cooled)	
	psig	kW	hp	cfm	mm		in		kg	lb
R5.5n	65-145	5.5	7.5	13.6-32.1	960 x 690 x 1,186.5	38 x 27 x 47	285	628		
R7.5n	65-145	7.5	10.0	14.7-41.7	960 x 690 x 1,186.5	38 x 27 x 47	285	628		
R11n	65-145	11.0	15.0	13.9-59.8	960 x 690 x 1,186.5	38 x 27 x 47	305	672		
R5.5n TAS*	65-135	5.5	7.5	13.6-32.1	1,156 x 690 x 1,186.5	46 x 27x47	350	772		
R7.5n TAS*	65-135	7.5	10.0	14.7-41.7	1,156 x 690 x 1,186.5	46 x 27x47	350	772		
R11n TAS*	65-135	11.0	15.0	13.9-59.8	1,156 x 690 x 1,186.5	46 x 27x47	375	827		
Receiver Tank	Length mm		Width		Height		Additional Mass			
	mm	in	mm	in	mm	in	kg	lb		
80 gal tank-mounted version	1,783	70	690	27	1,704	67	120	264.5		
120 gal tank-mounted version	1,897	75	690	27	1,832	72	142	313.0		

*FAD (Free Air Delivery) is full package performance including all losses. Tested per ISO 1217 : 2009 Annex C and is measured at 10 psi lower than maximum pressure on non-TAS units and at maximum pressure on TAS equipped units.

*TAS units deliver ISO Class 1-5-1 quality air measured at steady state conditions in accordance with ISO 8573-1:2001 that dictates inlet air to package of 25°C (77°F) and relative humidity of 60%.