

Ducted Split AIR CONDITIONERS



The new degree of comfort.™

RSN+RSIN Scroll Series



R-410A
50Hz



Low height air handler with side-discharge condensing unit



Anti-freeze temperature sensor is provided on coil against freezing during abnormal operating conditions



Microprocessor Based Controller



Filter drier is supplied loose as standard accessory



Removable panels at the bottom of the unit are provided for service access



Quick connector for interconnecting communication cable (10 meter Long) from main controller to Controller User Interface



Metallic Condenser fan blades & evaporator blower ensure safety & high durability



High Pressure and Low Pressure safety controls are a standard feature on all the models

TECHNICAL DATA

RSON + RSIN (Scroll)		RSON-021TS + RSIN-021T	RSON-025TS + RSIN-025T	RSON-030TS + RSIN-029T	RSON-036NS + RSIN-036T
Rated Cooling Capacity @AHRI	Btu/hr	22100	27000	29200	37200
Rated Cooling Capacity @T3	Btu/hr	20400	24000	25500	29200
Gross EER @AHRI	Btu/W-hr	11.8	11.8	11.9	11.8
Gross EER @T3	Btu/W-hr	10.9	10.5	10.4	9.3
Rated Air Flow	CFM	790	890	1275	1290
Rated ESP	Pa	25	25	37	37
Sizes ODU	L (mm)	850	850	1020	1020
	W (mm)	310	310	416	416
	H (mm)	690	800	930	930
Weight	kg	53	57	78	86
Sizes IDU	L (mm)	1252	1252	1252	1252
	W (mm)	600	600	700	700
	H (mm)	310	310	400	400
Weight	kg	44	44	55	58
Refrigerant		R410A			

RSON + RSIN (Scroll)		RSON-036TS + RSIN-036T	RSON-042NS + RSIN-042T	RSON-048NS + RSIN-048T	RSON-054NS + RSIN-054T
Rated Cooling Capacity @AHRI	Btu/hr	37400	40100	46300	59300
Rated Cooling Capacity @T3	Btu/hr	29500	35400	40700	53300
Gross EER @AHRI	Btu/W-hr	11.8	12.1	11.8	11.8
Gross EER @T3	Btu/W-hr	9.3	10.6	10.4	10.6
Rated Air Flow	CFM	1290	1560	1560	2040
Rated ESP	Pa	37	37	50	50
Sizes ODU	L (mm)	1020	1020	1020	1020
	W (mm)	416	416	416	416
	H (mm)	930	930	930	1045
Weight	kg	86	90	92	110
Sizes IDU	L (mm)	1252	1402	1402	1652
	W (mm)	700	700	700	700
	H (mm)	400	400	400	400
Weight	kg	58	64	64	72
Refrigerant		R410A			

AHRI Condition: 80°F/67°F On-coil, 95°F ambient

T3 Condition: 80°F/67°F On-coil, 115°F ambient