

# Ducted Split AIR CONDITIONERS



The new degree of comfort.™

## RAHM+RHLH 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



Low ambient kit for protection of refrigeration system operation under low ambient conditions



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



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



Single Phase reversal and phase imbalance protection module for safety of compressor



Hydrophilic coated coils in both indoor and outdoor

# TECHNICAL DATA

RAHM + RHLH		RAHM-012TR + RHLH-012TO	RAHM-018TR + RHLH-018TO	RAHM-024TR + RHLH-024TO	RAHM-030TR + RHLH-030TO	RAHM-036TR + RHLH-042TO
Rated Cooling Capacity @T1	Btu/hr	11600	17800	21200	24500	30100
Rated Cooling Capacity @T3	Btu/hr	10400	15500	19200	21400	27500
EER @T1	Btu/W-hr	11.7	11.9	12.4	11.7	12.0
EER @T3	Btu/W-hr	8.7	8.6	9.4	8.6	9.1
Rated Air Flow	CFM	500	650	790	890	1250
Rated ESP	Pa	25	25	25	25	37
Sizes ODU	L (mm)	850	850	850	850	1020
	W (mm)	310	310	310	310	416
	H (mm)	790	790	790	790	960
Weight	kg	49	58	60	60	83
Sizes IDU	L (mm)	977	977	1252	1252	1252
	W (mm)	600	600	600	600	700
	H (mm)	310	310	310	310	400
Weight	kg	34	36	37	42	52
Refrigerant		R410A				

RAHM + RHLH		RAHM-024TS + RHLH-024TM	RAHM-030TS + RHLH-030TM	RAHM-036TS + RHLH-036TM	RAHM-042TS + RHLH-042TM	RAHM-042MS + RHLH-042TM
Rated Cooling Capacity @T1	Btu/hr	21900	25200	29500	37400	38100
Rated Cooling Capacity @T3	Btu/hr	19800	22900	27100	33800	34100
EER @T1	Btu/W-hr	12.2	11.8	12.0	11.9	11.9
EER @T3	Btu/W-hr	9.2	8.4	9.0	8.8	8.6
Rated Air Flow	CFM	790	890	1275	1355	1355
Rated ESP	Pa	25	25	37	37	37
Sizes ODU	L (mm)	850	850	1020	1020	1020
	W (mm)	310	310	416	416	416
	H (mm)	790	790	960	960	960
Weight	kg	60	60	72	82	82
Sizes IDU	L (mm)	1252	1252	1252	1252	1252
	W (mm)	600	600	700	700	700
	H (mm)	310	310	400	400	400
Weight	kg	37	42	52	52	52
Refrigerant		R410A				

RAHM + RHLH		RAHM-048MS + RHLH-048TM	RAHM-054MS + RHLH-054TM	RAHM-054MS + RHLH-065TM	RAHM-065MS + RHLH-065TM	
Rated Cooling Capacity @T1	Btu/hr	39000	45400	48900	58700	
Rated Cooling Capacity @T3	Btu/hr	34600	40300	44000	51000	
EER @T1	Btu/W-hr	11.8	11.8	12.3	11.7	
EER @T3	Btu/W-hr	8.4	8.6	9.1	8.4	
Rated Air Flow	CFM	1495	1645	1990	1990	
Rated ESP	Pa	37	50	50	50	
Sizes ODU	L (mm)	1020	1020	1020	1020	
	W (mm)	416	416	416	416	
	H (mm)	960	1045	1045	1045	
Weight	kg	92	89	89	95	
Sizes IDU	L (mm)	1652	1652	1652	1652	
	W (mm)	700	700	900	900	
	H (mm)	400	400	400	400	
Weight	kg	68	68	76	76	
Refrigerant		R410A				

T1 Condition: 27°C/19°C On-coil, 35°C ambient

T3 Condition: 29°C/19°C On-coil, 46°C ambient

Before proceeding with installation, refer to the installation instructions packaged with each model, as well as complying with all Federal, State, Provincial and local codes, regulation and practices.

RHEEM MANUFACTURING MEA FZE

Dubai Airport Freezone (DAFZA), UAE

"In keeping with its policy of continuous progress and product improvement, Rheem reserves the rights to make changes without notice."