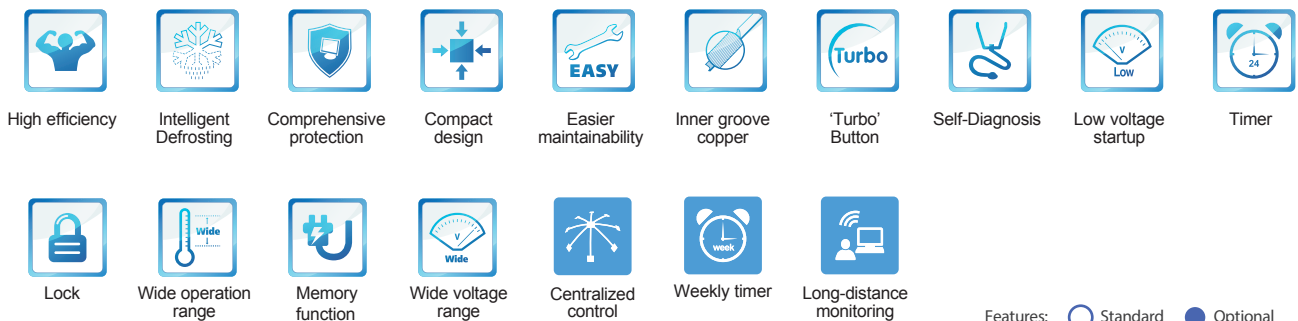
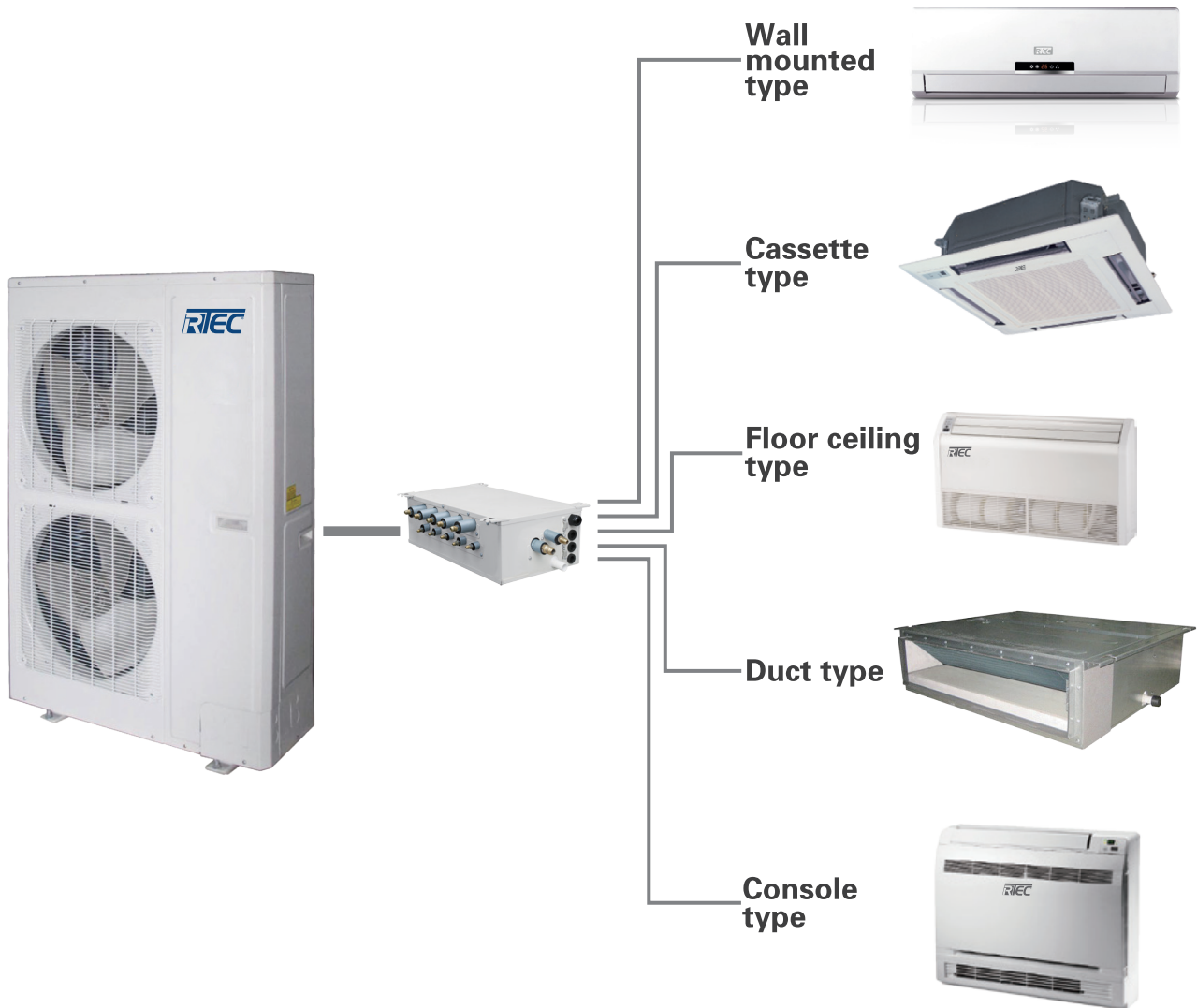


Super Free Match

Capacity range from 42K Btu/h to 56K Btu/h can be widely used in residential house, hotel, business office and especially applicable in variable loading situation.



- Power supply startup delay design, lower the unit starting current.
- High efficiency thanks to DC inverter compressor.
- The lowest noise thanks to advanced technology.
- The system could run stably under hard operation conditions.
- Connection pipe up to 145 meter length that convenient on installation.

RDSW**MP3XL

Item	Nominal operating condition(temperature)				Operation range(temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB(°C)	WB(°C)	DB(°C)	WB(°C)	DB(°C)
Cooling	35	24	27	19	-15~48
Heating	7	6	20	15	-20~24

RDSW**MN3WL

Item	Nominal operating condition(temperature)				Operation range(temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB(°C)	WB(°C)	DB(°C)	WB(°C)	DB(°C)
Cooling	35	24	27	19	18~48
Heating	7	6	20	15	-10~24

163 Combinations

	Two units	Three units		Four units		Five units		Six units
	7+18	7+7+7	7+18+24	9+21+24	7+7+7+7	7+7+18+21	7+12+18+18	7+7+7+7+7
 RDSW(42S)MP3XL (2 to 6)	7+21	7+7+9	7+21+21	12+12+12	7+7+7+9	7+7+18+24	9+9+9+9	7+7+7+7+7+9
	7+24	7+7+12	7+21+24	12+12+18	7+7+7+12	7+9+9+9	9+9+9+12	7+7+7+7+12
	9+12	7+7+18	7+24+24	12+12+21	7+7+7+18	7+9+9+12	9+9+9+18	7+7+7+7+18
	9+18	7+7+21	9+9+9	12+12+24	7+7+7+21	7+9+9+18	9+9+9+21	7+7+7+7+21
	9+21	7+7+24	9+9+12	12+18+18	7+7+7+24	7+9+9+21	9+9+9+24	7+7+7+7+24
	9+24	7+9+9	9+9+18	12+18+21	7+7+9+9	7+9+9+24	9+9+12+12	7+7+7+9+9
	12+12	7+9+12	9+9+21	12+18+24	7+7+9+12	7+9+12+12	9+9+12+18	7+7+7+9+12
	12+18	7+9+18	9+9+24	12+21+21	7+7+9+18	7+9+12+18	9+9+12+21	7+7+7+9+18
	12+21	7+9+21	9+12+12	—	7+7+9+21	7+9+12+21	9+9+12+24	7+7+7+9+21
	12+24	7+9+24	9+12+18	—	7+7+9+24	7+9+12+24	9+9+18+18	7+7+7+9+24
	18+18	7+12+12	9+12+21	—	7+7+9+24	7+9+18+18	9+12+12+12	7+7+9+9+12
	18+21	7+12+18	9+12+24	—	7+7+12+12	7+9+18+21	9+12+12+18	7+7+9+9+18
	18+24	7+12+21	9+18+18	—	7+7+12+18	7+12+12+12	9+12+12+21	7+7+9+9+21
	21+21	7+12+24	9+18+21	—	7+7+12+21	7+12+12+18	12+12+12+12	7+9+9+9+9
	21+24	7+18+18	9+18+24	—	7+7+12+24	7+12+12+21	12+12+12+18	7+9+9+9+12
		7+18+21	9+21+21	—	7+7+18+18	7+12+12+24	—	9+9+9+9+9

288 Combinations

	Two units	Three units		Four units			
	7+18	7+7+12	9+9+9	12+18+18	7+7+7+7	7+7+21+24	7+12+12+21
 RDSW(48S)MP3XL (2 to 8)	7+21	7+7+18	9+9+12	12+18+21	7+7+7+9	7+7+24+24	7+12+12+24
	7+24	7+7+21	9+9+18	12+18+24	7+7+7+12	7+9+9+9	7+12+18+18
	9+18	7+7+24	9+9+21	12+21+21	7+7+7+18	7+9+9+12	7+12+18+21
	9+21	7+9+9	9+9+24	12+21+24	7+7+7+21	7+9+9+18	7+12+18+24
	9+24	7+9+12	9+12+12	12+24+24	7+7+7+24	7+9+9+21	7+12+21+21
	12+12	7+9+18	9+12+18	18+18+18	7+7+9+9	7+9+9+24	7+12+21+24
	12+18	7+9+21	9+12+21	18+18+21	7+7+9+12	7+9+12+12	7+18+18+18
	12+21	7+9+24	9+12+24	18+18+24	7+7+9+18	7+9+12+18	7+18+18+21
	12+24	7+12+12	9+18+18	18+21+21	7+7+9+21	7+9+12+21	9+9+9+9
	18+18	7+12+18	9+18+21	18+21+24	7+7+9+24	7+9+12+24	9+9+9+12
	18+21	7+12+21	9+18+24	21+21+21	7+7+12+12	7+9+18+18	9+9+9+18
	18+24	7+12+24	9+21+21	-	7+7+12+18	7+9+18+21	9+9+9+21
	21+21	7+18+18	9+21+24	-	7+7+12+21	7+9+18+24	9+9+9+24
	21+24	7+18+21	9+24+24	-	7+7+12+24	7+9+21+21	9+9+12+12
	24+24	7+18+24	12+12+12	-	7+7+18+18	7+9+21+24	9+9+12+18
	-	7+21+21	12+12+18	-	7+7+18+21	7+9+24+24	9+9+12+21
	-	7+21+24	12+12+21	-	7+7+18+24	7+12+12+12	9+9+12+24
	-	7+24+24	12+12+24	-	7+7+21+21	7+12+12+18	9+9+18+18

288 Combinations

	Five units				Six units			Seven units	Eight units
	7+7+7+7+7	7+7+9+9+12	7+9+9+9+24	9+9+9+12+12	7+7+7+7+7+7	7+7+7+9+9+21	7+9+9+9+9+21	7+7+7+7+7+7+7	7+9+9+9+9+9+9
 RDSW(48S)MP3XL (2 to 8) RDSW(48S)MN3WVL (2 to 8)	7+7+7+7+9	7+7+9+9+18	7+9+9+12+12	9+9+9+12+18	7+7+7+7+7+9	7+7+7+9+9+24	7+9+9+9+12+12	7+7+7+7+7+7+9	7+9+9+9+9+9+12
	7+7+7+7+12	7+7+9+9+21	7+9+9+12+18	9+9+9+12+21	7+7+7+7+7+12	7+7+7+9+12+12	7+9+9+9+12+18	7+7+7+7+7+7+12	9+9+9+9+9+9+9
	7+7+7+7+18	7+7+9+9+24	7+9+9+12+21	9+9+9+12+24	7+7+7+7+7+18	7+7+7+9+12+12	7+9+9+12+12+12	7+7+7+7+7+7+18	7+7+7+7+7+7+7+7
	7+7+7+7+21	7+7+9+12+12	7+9+9+12+24	9+9+9+18+18	7+7+7+7+7+21	7+7+7+9+12+18	7+9+12+12+12+12	7+7+7+7+7+7+21	7+7+7+7+7+7+7+9
	7+7+7+7+24	7+7+9+12+18	7+9+9+18+18	9+9+12+12+12	7+7+7+7+7+24	7+7+7+9+12+21	9+9+9+9+9+9	7+7+7+7+7+9+9	7+7+7+7+7+7+7+12
	7+7+7+9+9	7+7+9+12+21	7+9+9+18+21	9+9+12+12+12	7+7+7+7+9+9	7+7+7+12+12+12	9+9+9+9+9+12	7+7+7+7+7+9+12	7+7+7+7+7+7+9+9
	7+7+7+9+12	7+7+9+12+24	7+9+12+12+12	9+9+12+12+18	7+7+7+7+9+12	7+7+7+12+12+18	9+9+9+9+9+18	7+7+7+7+7+9+18	7+7+7+7+7+7+9+12
	7+7+7+9+18	7+7+9+18+18	7+9+12+12+18	9+9+12+12+21	7+7+7+7+9+18	7+7+7+9+9+9+9	9+9+9+9+12+12	7+7+7+7+7+12+12	7+7+7+7+7+9+9+9
	7+7+7+9+21	7+7+9+18+21	7+9+12+12+21	9+12+12+12+12	7+7+7+7+9+21	7+7+9+9+9+12	9+9+9+12+12+12	7+7+7+7+9+9+9	7+7+7+7+9+9+9+9
	7+7+7+9+24	7+7+12+12+12	7+9+12+12+24	9+12+12+12+18	7+7+7+7+9+24	7+7+9+9+9+18	-	7+7+7+7+9+9+12	-
	7+7+7+12+12	7+7+12+12+18	7+12+12+12+12	12+12+12+12+12	7+7+7+7+12+12	7+7+9+9+9+21	-	7+7+7+7+9+9+18	-
	7+7+7+12+18	7+7+12+12+21	7+12+12+12+18	-	7+7+7+7+12+18	7+7+9+9+12+12	-	7+7+7+7+7+12+12	-
	7+7+7+12+21	7+7+12+12+24	7+12+12+12+21	-	7+7+7+7+12+21	7+7+9+9+12+18	-	7+7+7+7+12+12+12	-
	7+7+7+12+24	7+7+12+18+18	9+9+9+9+9	-	7+7+7+7+12+24	7+7+9+12+12+12	-	7+7+7+9+9+9+9	-
	7+7+7+18+18	7+9+9+9+9	9+9+9+9+12	-	7+7+7+7+18+18	7+7+12+12+12+12	-	7+7+7+9+9+9+12	-
	7+7+7+18+21	7+9+9+9+12	9+9+9+9+18	-	7+7+7+9+9+9	7+9+9+9+9+9	-	7+7+7+9+9+12+12	-
	7+7+7+18+24	7+9+9+9+18	9+9+9+9+21	-	7+7+7+9+9+12	7+9+9+9+9+12	-	7+7+9+9+9+9+9	-
	7+7+9+9+9	7+9+9+9+21	9+9+9+9+24	-	7+7+7+9+9+18	7+9+9+9+9+18	-	7+7+9+9+9+9+12	-

448 Combinations

	Two units		Three units			Four units							
	7+18	7+7+18	7+21+24	9+24+24	18+21+24	7+7+7+7	7+7+12+24	7+9+12+24	7+12+21+24	9+9+12+21	9+12+21+21	12+12+18+24	
 RDSW(56S)MP3XL (2 to 9) RDSW(56S)MN3WVL (2 to 9)	7+21	7+7+21	7+24+24	12+12+12	18+24+24	7+7+7+9	7+7+18+18	7+9+18+18	7+18+18+18	9+9+12+24	9+12+21+24	12+12+21+21	
	7+24	7+7+24	9+9+12	12+12+18	21+21+21	7+7+7+12	7+7+18+21	7+9+18+21	7+18+18+21	9+9+18+18	9+12+24+24	12+12+21+24	
	9+18	7+9+12	9+9+18	12+12+21	21+21+24	7+7+7+18	7+7+18+24	7+9+18+24	7+18+18+24	9+9+18+21	9+18+18+18	12+12+24+24	
	9+21	7+9+18	9+9+21	12+12+24	21+24+24	7+7+7+21	7+7+21+21	7+9+21+21	7+18+21+21	9+9+18+24	9+18+18+21	12+18+18+18	
	9+24	7+9+21	9+9+24	12+18+18	24+24+24	7+7+7+24	7+7+21+24	7+9+21+24	7+18+21+24	9+9+21+21	9+18+18+24	12+18+18+21	
	12+18	7+9+24	9+12+12	12+18+21	-	7+7+9+9	7+7+24+24	7+9+24+24	7+18+24+24	9+9+21+24	9+18+21+21	12+18+18+24	
	12+21	7+12+12	9+12+18	12+18+24	-	7+7+9+9	7+9+9+9	7+12+12+12	7+21+21+21	9+9+24+24	9+18+21+24	12+18+21+21	
	12+24	7+12+18	9+12+21	12+21+21	-	7+7+9+12	7+9+9+12	7+12+12+18	9+9+9+9	9+12+12+12	9+21+21+21	18+18+18+18	
	18+18	7+12+21	9+12+24	12+21+24	-	7+7+9+18	7+9+9+18	7+12+12+21	9+9+9+12	9+12+12+18	12+12+12+12	-	
	18+21	7+12+24	9+18+18	12+24+24	-	7+7+9+21	7+9+9+21	7+12+12+24	9+9+9+18	9+12+12+21	12+12+12+18	-	
	18+24	7+18+18	9+18+21	18+18+18	-	7+7+9+24	7+9+9+24	7+12+18+18	9+9+9+21	9+12+12+24	12+12+12+21	-	
	21+21	7+18+21	9+18+24	18+18+21	-	7+7+12+12	7+9+12+12	7+12+18+21	9+9+9+24	9+12+18+18	12+12+12+24	-	
	21+24	7+18+24	9+21+21	18+18+24	-	7+7+12+18	7+9+12+18	7+12+18+24	9+9+12+12	9+12+18+21	12+12+18+18	-	
	24+24	7+21+21	9+21+24	18+21+21	-	7+7+12+21	7+9+12+21	7+12+21+21	9+9+12+18	9+12+18+24	12+12+18+21	-	

	Five units						
	7+7+7+7+7	7+7+9+9+9	7+7+12+21+21	7+9+12+12+24	9+9+9+18+18	12+12+12+12+18	
 RDSW(56S)MP3XL (2 to 9) RDSW(56S)MN3WVL (2 to 9)	7+7+7+7+9	7+7+9+9+12	7+7+12+21+24	7+9+12+18+18	9+9+9+18+21	12+12+12+12+21	
	7+7+7+7+12	7+7+9+9+18	7+7+18+18+18	7+9+12+18+21	9+9+9+18+24	12+12+12+12+24	
	7+7+7+7+18	7+7+9+9+21	7+7+18+18+21	7+9+12+18+24	9+9+9+21+21	12+12+12+18+18	
	7+7+7+7+21	7+7+9+9+24	7+9+9+9+9	7+9+12+21+21	9+9+9+21+24	-	
	7+7+7+7+24	7+7+9+12+12	7+9+9+9+12	7+9+18+18+18	9+9+12+12+12	-	
	7+7+7+9+9	7+7+9+12+18	7+9+9+9+18	7+12+12+12+12	9+9+12+12+18	-	
	7+7+7+9+12	7+7+9+12+21	7+9+9+9+21	7+12+12+12+18	9+9+12+12+21	-	
	7+7+7+9+18	7+7+9+12+24	7+9+9+9+24	7+12+12+12+21	9+9+12+12+24	-	
	7+7+7+9+21	7+7+9+18+18	7+9+9+12+12	7+12+12+12+24	9+9+12+18+18	-	
	7+7+7+9+24	7+7+9+18+21	7+9+9+12+18	7+12+12+18+18	9+9+12+18+21	-	
	7+7+7+12+12	7+7+9+18+24	7+9+9+12+21	7+12+12+18+21	9+9+12+18+24	-	
	7+7+7+12+18	7+7+9+21+24	7+9+9+12+24	9+9+9+9+9	9+9+12+21+21	-	
	7+7+7+12+21	7+7+9+24+24	7+9+9+18+18	9+9+9+9+12	9+9+18+18+18	-	
	7+7+7+12+24	7+7+12+12+12	7+9+9+18+21	9+9+9+9+18	9+12+12+12+12	-	
	7+7+7+18+18	7+7+12+12+18	7+9+9+18+24	9+9+9+9+21	9+12+12+12+18	-	
	7+7+7+18+21	7+7+12+12+21	7+9+9+21+21	9+9+9+9+24	9+12+12+12+21	-	
	7+7+7+18+24	7+7+12+12+24	7+9+9+21+24	9+9+9+12+12	9+12+12+12+24	-	
	7+7+7+21+21	7+7+12+18+18	7+9+12+12+12	9+9+9+12+18	9+12+12+18+18	-	
	7+7+7+21+24	7+7+12+18+21	7+9+12+12+18	9+9+9+12+21	9+12+12+18+21	-	
	7+7+7+24+24	7+7+12+18+24	7+9+12+12+21	9+9+9+12+24	12+12+12+12+12	-	

Six units					
 RDSW(56S)MP3XL (2 to 9) RDSW(56S)MN3WL (2 to 9)	7+7+7+7+7+7	7+7+7+9+12+12	7+7+9+9+12+18	7+9+9+12+12+18	12+12+12+12+12+12
	7+7+7+7+7+9	7+7+7+9+12+12	7+7+9+9+12+21	7+9+9+12+12+21	-
	7+7+7+7+7+12	7+7+7+9+12+18	7+7+9+9+12+24	7+9+12+12+12+12	-
	7+7+7+7+7+18	7+7+7+9+12+21	7+7+9+9+18+18	7+9+12+12+12+18	-
	7+7+7+7+7+21	7+7+7+9+12+24	7+7+9+9+18+21	7+12+12+12+12+12	-
	7+7+7+7+7+24	7+7+7+9+18+18	7+7+9+12+12+12	9+9+9+9+9+9	-
	7+7+7+7+9+9	7+7+7+9+18+21	7+7+9+12+12+18	9+9+9+9+9+12	-
	7+7+7+7+9+12	7+7+7+9+18+24	7+7+9+12+12+21	9+9+9+9+9+18	-
	7+7+7+7+9+18	7+7+7+9+21+21	7+7+9+12+12+24	9+9+9+9+9+21	-
	7+7+7+7+9+21	7+7+7+12+12+12	7+7+9+12+18+18	9+9+9+9+9+24	-
	7+7+7+7+9+24	7+7+7+12+12+18	7+9+9+9+9+9	9+9+9+9+12+12	-
	7+7+7+7+12+12	7+7+7+12+12+21	7+9+9+9+9+12	9+9+9+9+12+18	-
	7+7+7+7+12+18	7+7+7+12+12+24	7+9+9+9+9+18	9+9+9+9+12+21	-
	7+7+7+7+12+21	7+7+7+12+18+18	7+9+9+9+9+21	9+9+9+9+12+24	-
	7+7+7+7+12+24	7+7+7+12+18+21	7+9+9+9+9+24	9+9+9+9+18+18	-
	7+7+7+7+18+18	7+7+9+9+9+9	7+9+9+9+12+12	9+9+9+12+12+12	-
	7+7+7+9+9+9	7+7+9+9+9+12	7+9+9+9+12+18	9+9+9+12+12+18	-
	7+7+7+9+9+12	7+7+9+9+9+18	7+9+9+9+12+21	9+9+9+12+12+21	-
	7+7+7+9+9+18	7+7+9+9+9+21	7+9+9+9+12+24	9+9+12+12+12+12	-
	7+7+7+9+9+21	7+7+9+9+9+24	7+9+9+9+18+18	9+9+12+12+12+18	-
	7+7+7+9+9+24	7+7+9+9+12+12	7+9+9+12+12+12	9+12+12+12+12+12	-

Seven units			Eight units		Nine units
 RDSW(56S)MP3XL (2 to 9) RDSW(56S)MN3WL (2 to 9)	7+7+7+7+7+7+7	7+7+7+7+9+9+21	7+7+9+9+9+9+12	7+7+7+7+7+7+7+7	7+7+7+7+7+7+7+7+7
	7+7+7+7+7+7+9	7+7+7+7+9+9+24	7+7+9+9+9+9+18	7+7+7+7+7+7+7+9	7+7+7+7+7+7+7+7+9
	7+7+7+7+7+7+12	7+7+7+7+9+12+12	7+7+9+9+9+9+21	7+7+7+7+7+7+7+12	7+7+7+7+7+7+7+7+12
	7+7+7+7+7+7+18	7+7+7+7+9+12+18	7+7+9+9+9+12+12	7+7+7+7+7+7+7+18	7+7+7+7+7+7+7+9+9
	7+7+7+7+7+7+21	7+7+7+7+9+12+21	7+7+9+9+9+12+18	7+7+7+7+7+7+7+21	7+7+7+7+7+7+7+9+12
	7+7+7+7+7+7+24	7+7+7+7+12+12+12	7+7+9+9+12+12+12	7+7+7+7+7+7+7+9+9	7+7+7+7+7+7+7+9+9+9
	7+7+7+7+7+9+9	7+7+7+7+12+12+18	7+7+9+9+12+12+12	7+7+7+7+7+7+9+12	7+7+7+7+7+7+9+9+12
	7+7+7+7+7+9+12	7+7+7+9+9+9+9	7+9+9+9+9+9+9	7+7+7+7+7+7+9+18	7+7+7+7+7+9+9+9+9
	7+7+7+7+7+9+18	7+7+7+9+9+9+12	7+9+9+9+9+9+12	7+7+7+7+7+7+9+21	-
	7+7+7+7+7+9+21	7+7+7+9+9+9+18	7+9+9+9+9+9+18	7+7+7+7+7+7+12+12	-
	7+7+7+7+7+9+24	7+7+7+9+9+9+21	7+9+9+9+9+12+12	7+7+7+7+7+7+12+18	-
	7+7+7+7+7+12+12	7+7+7+9+9+9+24	7+9+9+9+12+12+12	7+7+7+7+7+9+9+9	-
	7+7+7+7+7+12+18	7+7+7+9+9+12+12	9+9+9+9+9+9+9	7+7+7+7+7+9+9+12	-
	7+7+7+7+7+12+21	7+7+7+9+9+12+18	9+9+9+9+9+9+12	7+7+7+7+7+9+9+18	-
	7+7+7+7+7+12+24	7+7+7+9+9+12+21	9+9+9+9+9+9+18	7+7+7+7+7+9+12+12	-
	7+7+7+7+7+18+18	7+7+7+9+12+12+12	9+9+9+9+9+12+12	7+7+7+7+7+12+12+12	-
	7+7+7+7+9+9+9	7+7+7+9+12+12+18	9+9+9+9+12+12+12	7+7+7+7+9+9+9+9	-
	7+7+7+7+9+9+12	7+7+7+12+12+12+12	-	7+7+7+7+9+9+9+12	-
	7+7+7+7+9+9+18	7+7+9+9+9+9+9	-	7+7+7+7+9+9+12+12	-
	-	-	-	-	-
	-	-	-	-	-

Outdoor Unit

Model	Heat Pump		RDSW(42S)MP3XL	RDSW(48S)MP3XL	RDSW(48S)MN3WL	RDSW(56S)MP3XL	RDSW(56S)MN3WL
Capacity	Cooling	Btu/h	42000	47800	47800	52900	54600
	Heating	Btu/h	42700	53000	54600	59700	61400
Power supply		Ph/V/Hz	1/220~240/50	1/220~240/50	3/380~415/50	1/220~240/50	3/380~415/50
Power input	Cooling	kW	4.10	4.90	4.60	5.30	5.20
	Heating	kW	3.70	4.30	4.25	4.80	4.70
Refrigerant charge volume		kg	4.95	4.95	4.95	4.95	4.95
Air Pressure Level		m ³ /h	6400	6400	6600	7000	6600
Sound pressure level		dB(A)	55	55	58	58	58
Dimension(W×D×H)	Outline	mm	900×340×1345	900×340×1345	900×340×1345	900×340×1345	900×340×1345
	Package	mm	993×453×1500	993×453×1500	993×453×1500	993×453×1500	993×453×1500
Net weight/Gross weight		kg	116/125	116/125	121/132	116/125	121/132
Connecting pipe diameter	Gas	inch(mm)	φ5/8(15.9)	φ5/8(15.9)	φ6	φ5/8(15.9)	φ19
	Liquid	inch(mm)	φ3/8(9.52)	φ3/8(9.52)	φ9.52	φ3/8(9.52)	φ9.52
Max. equivalent connection pipe length		m	115	135	135	145	145
Maximum drive IDU NO.		unit	6	8	8	9	9
Loading quantity	40'GP/40'HQ	sets	50/50	50/50	50/50	50/50	50/50

- 1.The product with * is under development, and the parameters are estimated, please refer to the value on nameplates.
2. Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

BU Module

Model			UC2Z2-P	UC2Y-P	UC2Z3-P	UC2Y3-P	UCY3Z-P	UCY5Z-P
Fuse current			A	3.15	3.15	3.15	3.15	3.15
Power supply			Ph/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Dimension(W×D×H)	Outline	mm	361×313×182	361×313×182	361×313×182	361×313×182	513×312×193	513×312×193
	Package	mm	683×392×258	683×392×258	683×392×258	683×392×258	676×473×268	676×473×268
Connection Method			—	Flare	Braze	Flare	Braze	Flare
Net weight/Gross weight			kg	6.5/8.3	6.5/8.3	7.0/9.0	8.0/10.0	9.0/11.0
Connecting pipe diameter (to IDU)	Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)
	Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)
Connecting pipe diameter (to ODU)	Gas	inch(mm)	Φ5/8(15.9)	Φ5/8(15.9)	Φ5/8(15.9)	Φ5/8(15.9)	Φ5/8(15.9)	Φ5/8(15.9)
	Liquid	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)
Maximum connect IDU NO.			unit	2	2	3	3	5
Loading quantity	40'GP	sets	294	294	294	294	246	246
	40'HQ	sets	294	294	294	294	246	246
Max. Equivalent			m	15	15	15	15	15

Wall Mounted Indoor Unit

Emraude



Model			RDS(07)GZ-P3WMZ1V/R	RDS(09)GZ-P3WMZ1V/R	RDS(12)GY-P3WMZ1V/R	RDS(18)GX-P3WMZ1V/R
Capacity	Cooling	Btu/h	7165	8530	11942	18084
	Heating	Btu/h	8871	9383	12454	19107
Power supply		Ph/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Airflow volume	m³/h (SH/H/M/L)		550/490/370/290	550/490/370/290	770/670/530/410	950/870/710/560
	CFM (SH/H/M/L)		324/288/218/171	324/288/218/171	430/394/312/241	559/512/418/330
Sound pressure level		dB(A)(SH/H/M/L)	41/36/34/32/28/24/21	41/36/34/32/28/24/21	43/36/34/32/28/24/21	49/44/41/39/36/33/30
Connecting pipe	Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)	Φ5/8(15.9)
	Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)
Dimension(WxHxD)	Outline	mm	806×209×292	806×209×292	866×209×292	1018×230×319
	Package	mm	888×297×377	888×297×377	945×297×377	1097×340×397
Net weight/Gross weight		kg	10.5/13.0	10.5/13.0	11.0/13.5	15.0/18.5
Loading quantity	20'GP	sets	266	266	252	174
	40' GP/40' HQ	sets	553/632	553/632	518/592	366/427

Rubis



Model			RDS07JZ-P3WMZ5X/R	RDS09JY-P3WMZ1T/R	RDS12JX-P3WMZ1T/R	RDS18JW-P3WMZ1T/R	RDS24JV-P3WMZ1T/R
Capacity	Cooling	Btu/h	7506	8871	12000	17500	22900
	Heating	Btu/h	7848	9600	12500	18000	24800
Power Supply		Ph,V,Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Airflow Volume	Indoor	m³/h	500/420/390/300	560/490/430/330	660/540/460/330	800/720/610/520	1150/1050/950/850
Sound Power Level	Indoor	dB(A)(SH+HML)	40/36/34/24	55/52/44/38	57/53/45/42	58/54/51/48	64/59/56/53
Outline Dimension	WxHxD	mm	713×270×195	790×275×200	845×289×209	970×300×224	1078×325×246
Package Dimension	WxHxD	mm	776×268×362	866×367×271	921×379×281	1041×383×320	1148×413×350
Net Weight/Gross Weight	Indoor	kg	8.5/10	9/11	10/12	13.5/16.5	17/20.5
Piping Connection	Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)	Φ1/2(12.7)
	Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)
Loading Quantity	40'GP	sets	299	223	210	127	118
	40'HQ	sets	328	256	244	146	131

Saphir



Model			RDS(07)NZ-P3WMZ3V/R	RDS(09)NZ-P3WMZ3V/R	RDS(12)NY-P3WMZ3V/R	RDS(18)NX-P3WMZ3V/R
Capacity	Cooling	Btu/h	7500	8900	11900	18100
	Heating	Btu/h	8900	9600	13000	19800
Power supply		Ph/V/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Airflow volume		m³/h(SH/H M/L)	450/410/380/320	500/410/380/320	630/500/420/350	850/780/650/550
		CFM(SH/H M/L)	265/241/224/188	294/241/224/188	371/295/247/206	500/459/383/324
Sound pressure level		dB(A)(SH/H M/L)	36/34/31/28/-	37/34/31/28/-	38/34/32/30/-	46/43/40/36/-
Connecting pipe	Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)
	Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)
Dimension(WxHxD)	Outline	mm	790×170×265	790×170×265	845×180×275	940×200×298
	Package	mm	873×370×251	873×370×251	918×370×258	1013×288×395
Net weight/Gross weight		kg	9.0/11.0	9.0/11.0	10/12.5	13.0/16.0
Loading quantity	20'GP	sets	348	348	336	254
	40' GP/40' HQ	sets	732/852	732/852	684/798	541/609

Topaze



Model			RDS(07)IZ-P3WMZ3V/R	RDS(09)IZ-P3WMZ3V/R	RDS(12)IY-P3WMZ3V/R	RDS(18)IX-P3WMZ3V/R	RDS(24)IX-P3WMZ3V/R
Capacity	Cooling	Btu/h	7200	8900	11900	18100	22000
	Heating	Btu/h	8900	9600	13000	19800	24200
Power supply		PhV/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Airflow volume	m ³ /h(SH/H M/L)		500/420/400/300	500/420/400/300	630/530/430/320	850/780/650/500	1000
	CFM(SH/H M/L)		294/247/235/177	294/247/235/177	371/312/253/194	500/459/383/294	588
Sound pressure level		dB(A)(SH/H M/L)	40/37/35/32/-	40/37/35/32/-	42/39/36/33/-	45/42/37/33/-	48/46/44/42/-
Connecting pipe	Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)	Φ5/8(15.9)
	Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ3/8(9.52)
Dimension(WxHxD)	Outline	mm	794×186×265	794×186×265	848×189×274	945×208×298	1018×233×315
	Package	mm	873×258×365	873×258×365	926×371×267	1013×300×383	1086×328×398
Net weight/Gross weight		kg	9.0/11.5	9.0/11.5	10/12.5	13.0/16.0	15.5/20.5
Loading quantity	20'GP	sets	348	348	306	254	206
	40' GP/40' HQ	sets	720/840	720/840	636/740	541/609	430/491



Duct Type Indoor Unit

Model			RUS(09)VZ-P3WMZ1Z/R	RUS(12)VZ-P3WMZ1Z/R	RUS(18)VZ-P3WMZ1Z/R	RUS(21)VZ-P3WMZ1Z/R	RUS(24)VZ-P3WMZ1Z/R
Capacity	Cooling	Btu/h	8530	11940	17060	20470	24230
	Heating	Btu/h	9550	13140	18770	22520	27300
Power supply		PhV/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Airflow volume	m ³ /h		450	500	700	1000	1000
	CFM		265	294	412	588.5	588.5
Sound pressure level (H/L)		dB(A)	37/31	39/32	41/33	42/34	42/34
Connecting pipe	Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)	Φ5/8(15.9)	Φ5/8(15.9)
	Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ3/8(9.52)	Φ3/8(9.52)
Dimension(WxHxD)	Outline	mm	700×615×200	700×615×200	900×615×200	1100×615×200	1100×615×200
	Package	mm	893×743×305	893×743×305	113×743×305	1323×743×305	1323×743×305
Net weight/Gross weight		kg	22/27	23/29	27/36	31/41	31/41
Loading quantity	20'GP	sets	108	108	90	72	72
	40' GP/40' HQ	sets	234/234	234/234	180/180	162/162	162/162



Cassette Type Indoor Unit

Model			RPS(12)YZ-P3WMZ2Z/R	RPS(18)YZ-P3WMZ2Z/R	RPS(12)YZ-P3WMZ1Z/R	RPS(18)YZ-P3WMZ1Z/R	
Capacity	Cooling	Btu/h	11942	15354	11942	17060	24225
	Heating	Btu/h	13648	17060	13136	18766	27296
Power supply		PhV/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Airflow volume	m ³ /h		600	600	680	680	1180
	CFM		353	353	400	400	694
Sound pressure level (SH/H/MH/M/ML/L/SL)		dB(A)	46/44/42	46/44/42	37/35/33	37/35/33	39/37/35
Connecting pipe	Gas	inch(mm)	Φ3/8(9.52)	Φ1/2(12.7)	Φ3/8(9.52)	Φ1/2(12.7)	Φ5/8(15.9)
	Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ3/8(9.52)
Main Body	Dimension (WxHxD)	Outline	mm	570×570×230	840×840×240	840×840×240	840×840×240
		Package	mm	851×731×325	963×963×325	963×963×325	963×963×325
	Net weight/Gross weight		kg	18.0/23.0	25.0/33.0	25.0/33.0	28.0/35.0
Panel	Dimension (WxHxD)	Outline	mm	650×650×50	950×950×60	950×950×60	950×950×60
		Package	mm	733×673×117	1043×1028×130	1043×1028×130	1043×1028×130
	Net weight/Gross weight		kg	2.5/3.5	2.5/3.5	6.5/10	6.5/10
Loading quantity	20'GP	sets	102	102	48	48	40
	40' GP/40' HQ	sets	209/246	209/246	128/144	128/144	108/128



Floor Ceiling Type Indoor Unit

Model			RGS(09)YZ-P3WMZ1Z/R	RGS(12)YZ-P3WMZ1Z/R	RGS(18)YZ-P3WMZ1Z/R	RGS(24)YZ-P3WMZ1Z/R
Capacity	Cooling	Btu/h	8530	11942	17060	24225
	Heating	Btu/h	9556	13136	18766	27296
Power supply		PhV/Hz	1/220~240/50	1/220~240/50	1/220~240/50	1/220~240/50
Airflow volume	m ³ /h		650	650	950	1250
	CFM		382.5	382.5	559	736
Sound pressure level (SH/H/MH/M/ML/L/SL)		dB(A)	40/38/36	40/38/36	45/42/40	48/46/44
Connecting pipe	Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)	Φ5/8(15.9)
	Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ3/8(9.52)
Dimension(WxHxD)	Outline	mm	1220×700×225	1220×700×225	1220×700×225	1220×700×225
	Package	mm	1343×823×315	1343×823×315	1343×823×315	1343×823×315
Net weight/Gross weight		kg	40/50	40/50	40/50	45/54
Loading quantity	20'GP	sets	66	66	66	66
	40' GP/40' HQ	sets	132/132	132/132	132/132	132/132

Console



Model			RVS(09)ZZ-P3WMZ1X/R	RVS(12)ZZ-P3WMZ1X/R	RVS(18)ZZ-P3WMZ1X/R
Capacity	Cooling	Btu/h	8700	11900	18100
	Heating	Btu/h	9600	13000	19800
Power supply		PhV/Hz	1/220~240/50	1/220~240/50	1/220~240/50
Airflow volume		m³/h	500	600	650
		CFM	294	353	383
Sound pressure level (SH/H/MH/M/ML/L/SL)		dB(A)	40/38/36/33/30/27/25	42/40/38/37/35/32/27	48/46/44/41/37/35/32
Connecting pipe	Gas	inch(mm)	Φ3/8(9.52)	Φ3/8(9.52)	Φ1/2(12.7)
	Liquid	inch(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)
Dimension(WxHxD)	Outline	mm	700×215×600	700×215×600	700×215×600
	Package	mm	791×286×710	791×286×710	791×286×710
Net weight/Gross weight		kg	15/18	15/18	15/18
Loading quantity	20'GP	sets	168	168	168
	40' GP/40' HQ	sets	348/440	348/440	348/440

1.The product with * is under development, and the parameters are estimated, please refer to the value on nameplates.

2. Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

Control System Lineup

Product series Controlling system			Wall-mounted type				Duct type	Cassette type	Floor ceiling type	Console type
			Rubis	Emraude	Saphir	Topaze				
Wireless remote controller	BZZ1UY1									●
	BG1U(MOTO)				●	●	●	●	●	
	BZT1UY			●						
	BY1U2(XFAN)									
	BZM1U1(XFAN)		●							
Wired controller	CP19						●	●	●	
Centralized controller	XV50-24/V						●	●	●	

Note: ● means standard, ● means optional.