

Remote Air Cooled Condenser Matching to Enercov's HRU/HRC series

ENERCOV RMC Series,

Designed for room environment controls such as humidity, temperature, supply air dewpoint and the other parameters as per your specified. ENERCOV RMC series are very flexible to design wide range of saturated suction temperature (SST) and saturated condensing temperature (SCT). This capability is provided by condensing fan variable speed drive to maintain high and low pressure balance during partial load control.

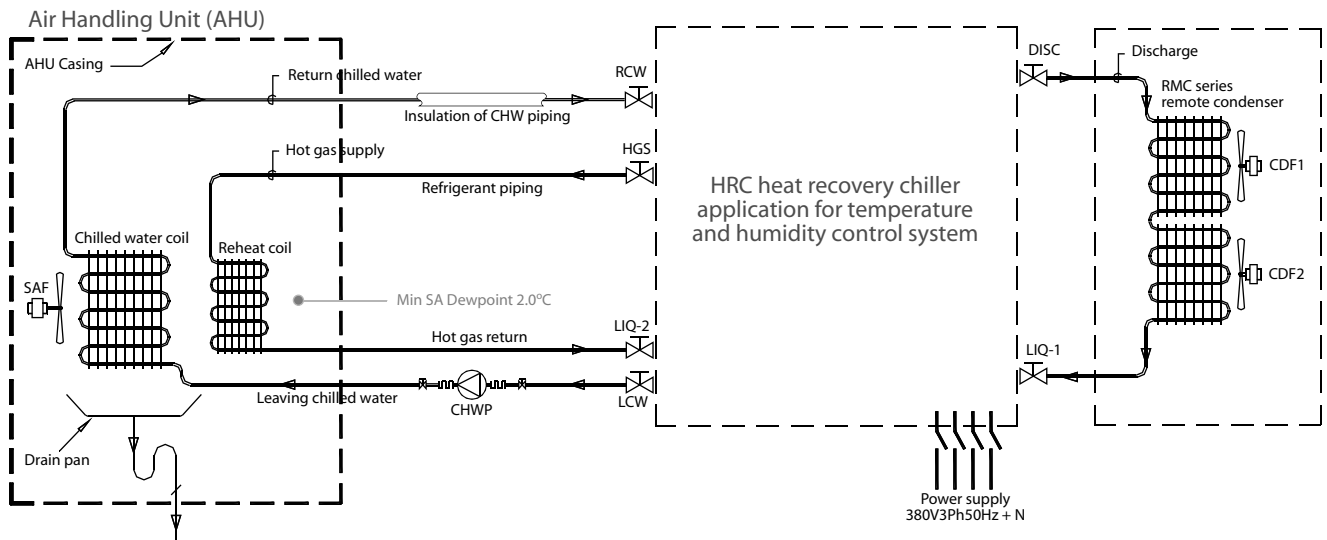
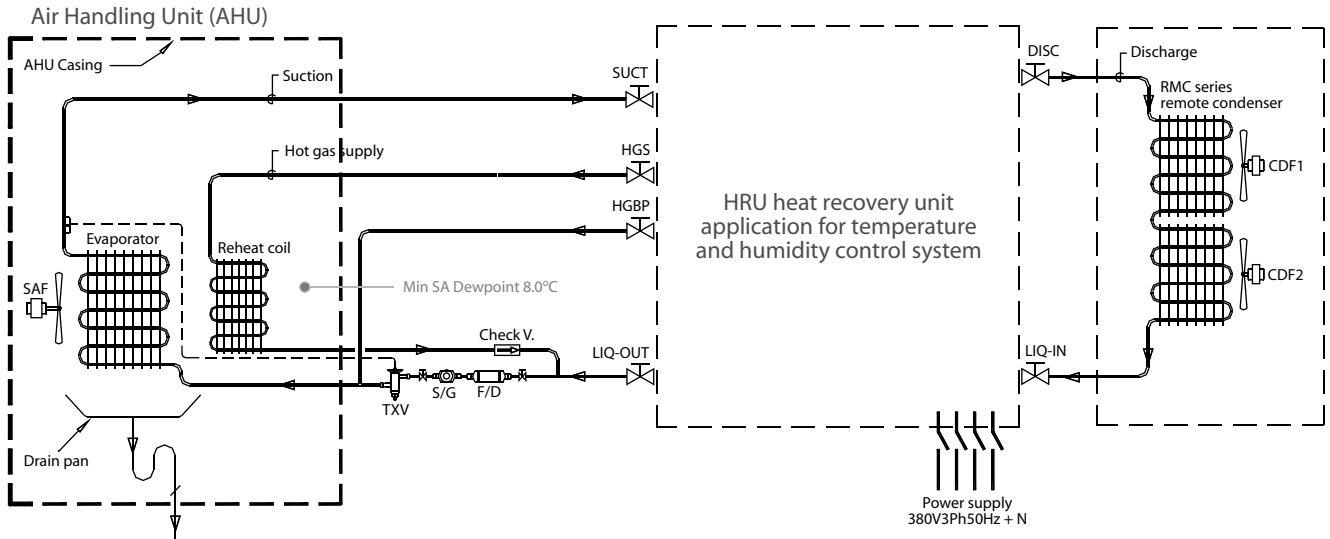


RMC Series

Remote air cooled condensing
heat rejection range 50 - 150 kW

Total solution to create the perfect climate controls for HVAC application

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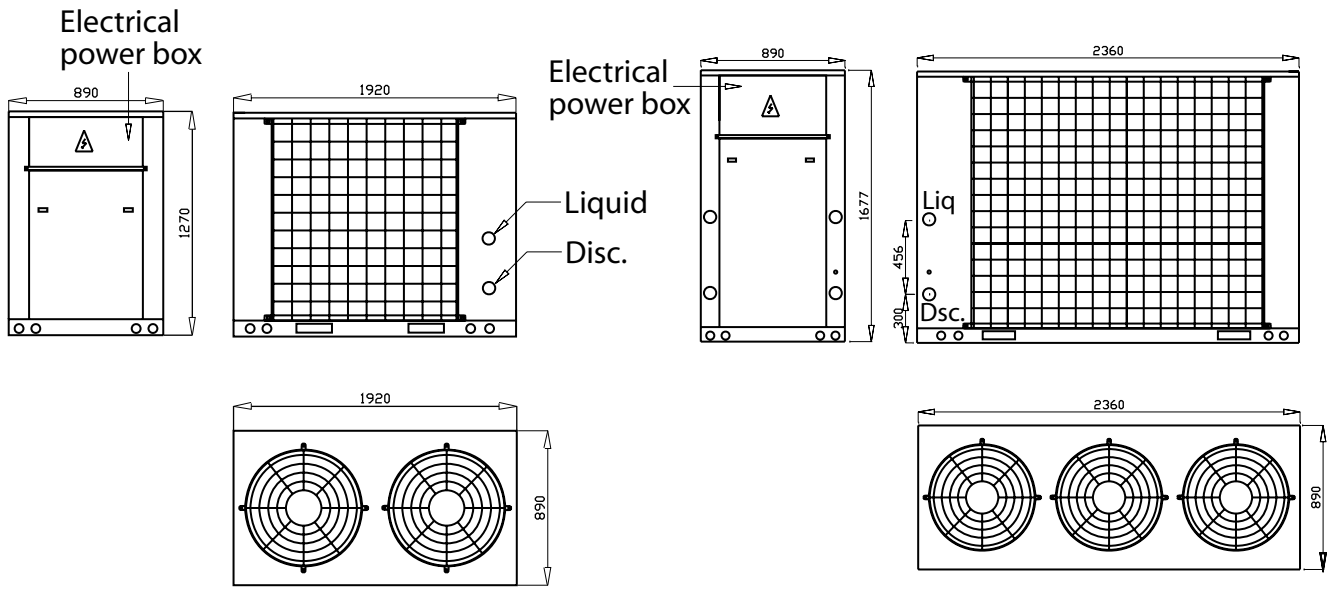
Sample Application
(Pipe structure showing is not for all models.)

General Specification

Unit Model		Unit	RMC120	RMC150	RMC200	RMC250	RMC280	RMC380
Heat rejection capacity		kW	51.10	64.60	85.20	97.50	128.00	149.00
		Btu/hr	174,403	220,478	290,785	332,765	436,860	508,532
Refrigerant		-	R-22/R407c					
CDU Fan	Type	-	Propeller Fan Direct Drive					
	Power source	V/Ph/Hz	380/3/50					
	Fan motor	kW (each)	0.37					
	No. of fan(s)	-	2		3		4	
	Fan speed (max)	rpm	900 - 1000					
	Fan speed control	-	Yes (By VSD, Option)					
Condenser Coil		-	Aluminium fins/Copper tube					
Dimension in mm.	Height	mm	1,270		1,677		1,945	
	Width	mm	1,620		2,360		3,220	
	Dept	mm	890		890		960	
Approx. net weight		kg	130	150	220	260	360	390
Refrigerant piping	Liq	inch	3/4"	3/4"	7/8"	7/8"	1-1/8"	1-1/8"
	Disc	inch	7/8"	1-1/8"	1-1/8"	1-3/8"	1-3/8"	1-5/8"

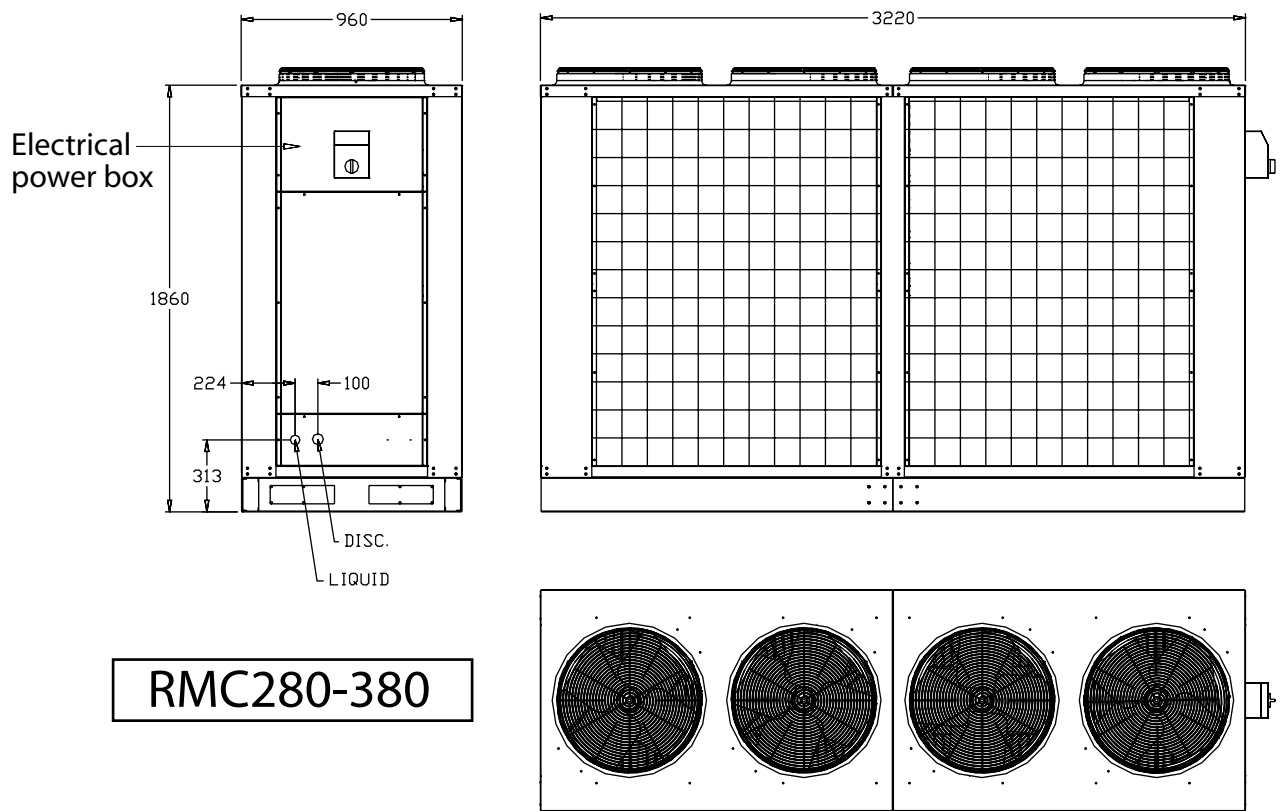
Note: - CU pipe connections are recommended for <10 m distance between HRU and AHU.
- Heat reject capacity based on saturated condensing temperature (SCT) 54.4°C.

Unit Dimension



RMC120-150

RMC200-250



RMC280-380

Remark : All dimensions are in mm.