

CM18 / CM24 / UM30 / UM36 / UM42 / UM48 / UM60

- ESP Control
- Quiet and easy to service
- Two thermistor controls



UU18W



UU24W / UU30W



UU36W



UU42W / UU48W / UU60W



SPECIFICATIONS										
Model		Indoor Unit		CM18.N14	CM24.N14	UM30.N14	UM36.N24	UM42.N24	UM48.N34	UM60.N34
Capacity	Cooling	Min/Nom/Max	kW	2.0/5.0/5.4	2.8/7.1/7.8	3.2/7.8/8.8	4.0/10.0/11.0	5.2/12.1/13.2	5.6/14.0/15.4	5.9/15.0/16.3
	Heating	Min/Nom/Max	kW	2.4/6.0/6.6	3.2/8.0/8.8	3.6/9.0/9.9	4.5/11.2/12.3	5.6/14.0/15.0	6.6/15.8/18.2	6.8/16.8/18.7
Low Temp Heating (-7°C)	Heating -7°C	Max	kW	5.4	7.2	8.1	10.00	12.50	14.80	15.20
Power Input (set)	Cooling	Nom	kW	1.46	2.28	2.22	3.12	3.76	4.10	4.53
	Heating	Nom	kW	1.66	2.49	2.43	3.19	3.86	4.39	4.79
Power Input (indoor)		Min/Max (ESP 2.3mmAq) W		50/80	50/90	90/150	120/210	140/260	100/220	220/290
		Min/Max (ESP 15.0mmAq) W		90/160	100/180	160/240	200/360	230/380	220/340	300/430
Running Current	Cooling/Heating	Nom	A	6.3/7.2	10.3/10.8	10.1/10.7	13.56/13.9	16.6/17.2	17.3/18.5	19.1/20.2
EER				3.41	3.11	3.51	3.21	3.22	3.41	3.31
COP				3.61	3.21	3.7	3.51	3.63	3.60	3.51
SEER				5.11	5.21	5.71	5.11	-	-	-
SCOP				3.81	3.81	4.01	3.81	-	-	-
Pdesign (@ -10°C)			kW	3.8	6	6.5	7.8	-	-	-
Energy Label	Cooling/Heating			A/A		A+/A+	A/A	-	-	-
Annual Energy Consumption	Cooling/Heating		kWh	339/1,396	477/2,205	478/2,269	685/2,866	-	-	-
Piping Connections	Liquid		mm(inch)	6.35(1/4)	9.52(3/8)					
	Gas		mm(inch)	12.7(1/2)	15.88(5/8)					
	Drain	O.D./I.D	mm	32/25						
Air Flow Rate		High/Medium/Low	m ³ /min	16.5/14.5/13.0	18.0/16.5/14.5	22.0/20.0/18.0	32.0/28.0/24.0	38.0/33.0/28.0	40.0/34.0/28.0	50.0/45.0/40.0
Sound Pressure	Cooling	High/Medium/Low	dBA	34/32/30	35/34/32	37/35/34	36/34/33	38/36/34	40/38/36	42/40/38
Sound Power	Cooling	Max	dBA	59	60	62	60	62	65	66
Dehumidification Rate			l/h	2	2.5	2.8	3.2	3.6	4.5	5
Dimension	Body	W x H x D	mm	900x270x700			1,250x270x700			
Net Weight	Body		kg	23.8	24.2	25.3	36	37	42.5	
External Static Pressure	Min-Max		mmAq(Pa)	2.5-15(25-147)			4-15(39-147)	5-15(49-147)		
Model	Outdoor Unit			UU18W.UE2	UU24W.U42	UU30W.U42	UU36W.U02	UU42W.U32	UU48W.U32	UU60W.U32
Compressor Type				Twin Rotary						
Air Flow Rate		Nom	m ³ /min	50	58		90	110		
	Cooling	Nom	dBA	48			53	52		
	Heating	Nom	dBA	51	52		54	54		
Sound Power	Cooling	Max	dBA	60	62	65	66	67	68	71
Dimension			mm	870x655x320	950x834x330		950x1,170x330	950x1,380x330		
Net Weight			kg	46	60		81	92		
	Type						R410A			
	Charge at	12.5mg		1,400	2,000		2,800	3,400		
	Additional Charge (after 7.5m)		g/m	20	40					
	Cooling	Min-Max	°C DB	-15 ~ 48						
	Heating	Min-Max	°C WB	-18 ~ 18						
Power Supply Cable				3Cx2.5			3Cx5.0			
Power & Transmission Cable			N x mm ²	4Cx0.75			4Cx0.75			
Circuit Breaker			A	20	30			40		
Piping Length Total			Min-Max	m	5 ~ 40			5 ~ 50		
Piping Elevation Difference			IDU-ODU	Max	m					
	Liquid	OD (Outside)	mm	6.35(1/4)	9.52(3/8)					
	Gas	OD (Outside)	mm	12.7(1/2)	15.88(5/8)					