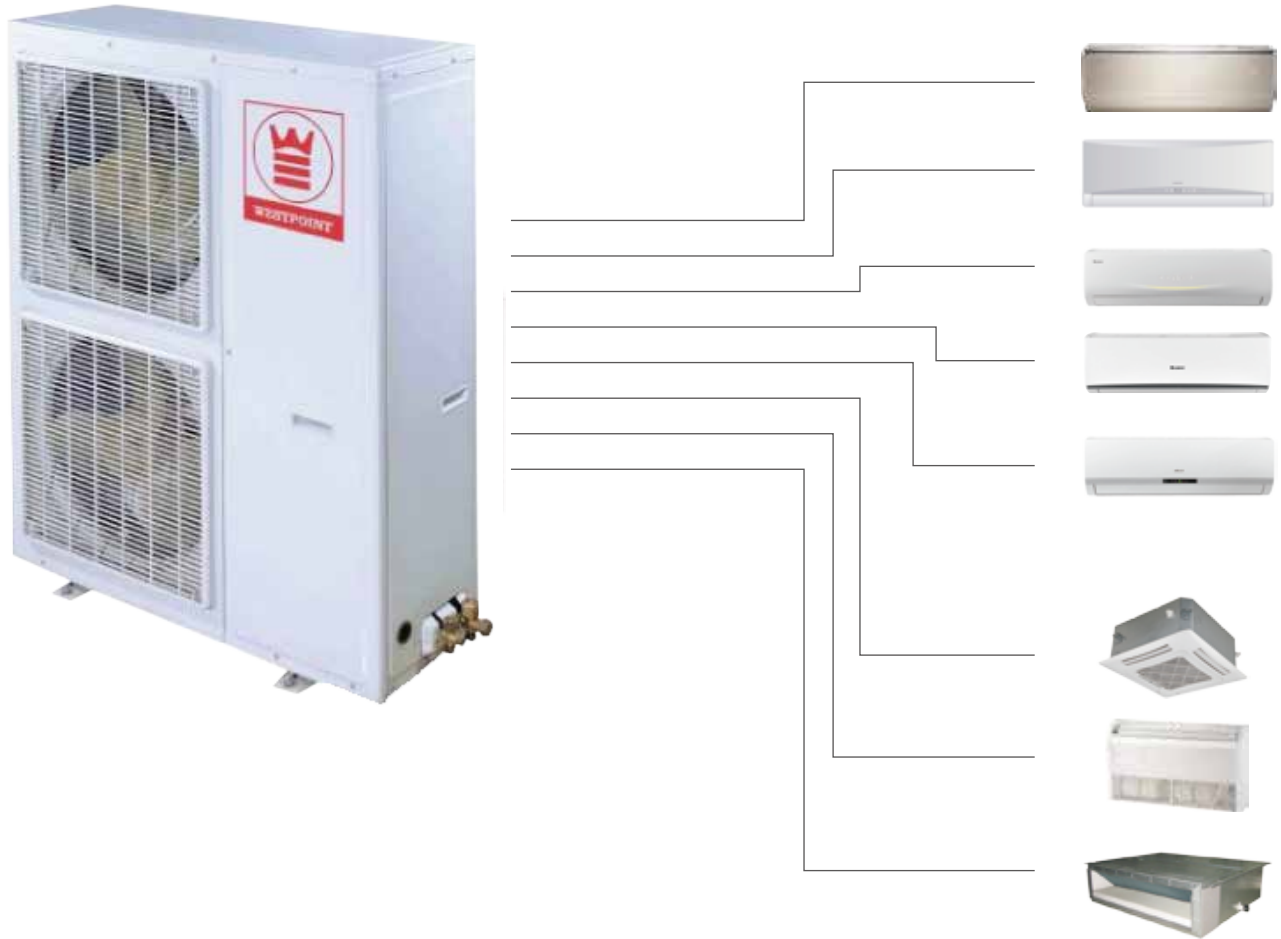


Capacities range from 14K Btu/h to 42K Btu/h can be widely used in residential house, hotel, business office and especially applicable in variable loading situation.



High efficiency



Intelligent Defrosting



Comprehensive protection



Compact design



Easier maintainability



Inner groove copper



Turbo Button



Self-Diagnosis



Low voltage startup



Timer



Lock



Wide operation range



Memory function



Wide voltage range



Centralized control



Weekly timer













Long-distance monitoring

Capacity Index(Btu/h)		7000	9000	12000	18000	21000	24000
Wall mounted Type	U-Crown						
	Hansol						
	Viola						
	Lomo						
Duct type							
Cassette type							
Floor ceiling type							

- No 0.5W standby function, while it has electric heating belt;
- Capacity range from 14 to 42KBtu/h can be widely used in residential house, hotel, business office and especially applicable in variable loading situation.


Control system lineup

Product series			Wall mounted type			Duct type	Cassette type	Floor ceiling type	Console type
			U-Crown	Hansol	Lomo				
Control system			U-Crown	Hansol	Lomo	Duct type	Cassette type	Floor ceiling type	Console type
Wireless remote controller	SAA1FB1		●						
	YAG1FB			●					
	YAN1F1				●				
	YB1FA(X-Fan)								
	YAA1FB1								●
	YT1F(moto)					●	●	●	
Wired controller	XK41/XK47			●	●				●
	XK76			●	●	●	●	●	●
	XK19					●	●	●	
Centralized controller	CE50-24/E			●	●	●	●	●	●


Features: ● Standard ● Optional

Item	Nominal operating condition(temperature)				Operation range(temperature)
	Outdoor condition		Indoor condition		Outdoor condition Free Match 4
	DB(°C)	WB(°C)	DB(°C)	WB(°C)	DB(°C)
Cooling	35	24	27	19	-15~43
Heating	7	6	20	15	-20~24


8 combinations

 CMZ-2OI1418.HB0	Two units	
	7k+7k	7k+9k


10 combinations

 CMZ-2OI1818.HB0	Two units	
	7k+7k	7k+9k
7k+12k	9k+12k	
9k+9k	-	


18 combinations

 CMZ-3OI2118.HB0	Two units			Three units	
	7k+9k	7k+12k	7k+12k	7k+7k+7k	7k+9k+9k
9k+9k	9k+12k	-	7k+7k+9k	-	
12k+12k	-	-	7k+7k+12k	-	


23 combinations

 CMZ-3OI2418.HB0	Two units			Three units		
	7k+12k	7k+18k	9k+9k	7k+7k+7k	7k+7k+9k	7k+7k+12k
9k+12k	9k+18k	12k+12k	7k+9k+9k	7k+9k+12k	9k+9k+9k	
12k+18k	-	-	9k+9k+12k	-	-	

40 combinations

 CMZ-4OI2818.HB0	Two units		Three units		Four units	
	7k+18k	7k+7k+7k	7k+12k+12k	7k+7k+7k+7k		
9k+12k	7k+7k+18k	9k+12k+12k	7k+7k+7k+12k			
9k+18k	7k+9k+18k	7k+7k+12k	7k+7k+9k+12k			
12k+12k	9k+9k+12k	7k+9k+12k	7k+7k+7k+9k			
12k+18k	7k+7k+9k	9k+9k+9k	7k+7k+9k+9k			
-	7k+9k+9k	-	7k+9k+9k+9k			

97 combinations

 CMZ-4OI3618.HB0	Two units		Three units			Four units		
	7k+21k	18k+24k	7k+7k+18k	7k+12k+21k	9k+12k+18k	7k+7k+7k+7k	7k+7k+9k+21k	9k+9k+9k+12k
7k+24k	21k+21k	7k+7k+21k	7k+12k+24k	9k+12k+21k	7k+7k+7k+9k	7k+7k+12k+12k	9k+9k+9k+18k	
9k+9k	-	7k+7k+24k	7k+18k+18k	9k+12k+24k	7k+7k+7k+12k	7k+7k+12k+18k	9k+9k+12k+12k	
9k+24k	-	7k+9k+12k	9k+9k+9k	9k+18k+18k	7k+7k+7k+18k	7k+9k+9k+9k	9k+12k+12k+12k	
12k+18k	-	7k+9k+18k	9k+9k+12k	12k+12k+12k	7k+7k+7k+21k	7k+9k+9k+12k	-	
12k+21k	-	7k+9k+21k	9k+9k+18k	12k+12k+18k	7k+7k+7k+24k	7k+9k+9k+18k	-	
12k+24k	-	7k+9k+24k	9k+9k+21k	12k+12k+21k	7k+7k+9k+9k	7k+9k+12k+12k	-	
18k+18k	-	7k+12k+12k	9k+9k+24k	-	7k+7k+9k+12k	7k+12k+12k+12k	-	
18k+21k	-	7k+12k+18k	9k+12k+12k	-	7k+7k+9k+18k	9k+9k+9k+9k	-	

155 combinations



CMZ-5OI4218.HB0

	Two units	Three units	Four units	Five units						
	9k+24K	7k+7K+18k	7k+21K+21k	9k+21K+21k	7k+9K+9k+9k	7k+9K+18k+18k	9k+9K+12k+12k	7k+7K+7k+7k+7k	7k+7K+7k+9k+21k	7k+9K+9k+9k+12k
	12k+21k	7k+7K+21k	7k+21K+24k	9k+21K+24k	7k+9K+9k+12k	7k+12K+12k+12k	9k+9K+12k+18k	7k+7K+7k+7k+9k	7k+7K+7k+12k+12k	7k+9K+9k+9k+18k
	12k+24k	7k+7K+24k	9k+9K+18k	9k+24K+24k	7k+9K+9k+18k	7k+12K+12k+18k	9k+9K+12k+21k	7k+7K+7k+7k+12k	7k+7K+7k+12k+18k	7k+9K+9k+12k+12k
	18k+18k	7k+9K+18k	9k+9K+21k	12k+12K+12k	7k+9K+9k+21k	7k+12K+12k+21k	9k+12K+12k+12k	7k+7K+7k+7k+18k	7k+7K+9k+9k+9k	7k+9K+12k+12k+12k
	18k+21k	7k+9K+21k	9k+9K+24k	12k+12K+18k	7k+9K+9k+24k	9k+9K+9k+9k	9k+12K+12k+18k	7k+7K+7k+7k+21k	7k+7K+9k+9k+12k	9k+9K+9k+9k+9k
	18k+24k	7k+9K+24k	9k+12K+12k	12k+12K+21k	7k+9K+12k+12k	9k+9K+9k+12k	12k+12K+12k+12k	7k+7K+7k+7k+24k	7k+7K+9k+9k+18k	9k+9K+9k+9k+12k
	21k+21k	7k+12K+18k	9k+12K+18k	12k+12K+24k	7k+9K+12k+18k	9k+9K+9k+18k	-	7k+7K+7k+9k+9k	7k+7K+9k+12k+12k	9k+9K+9k+12k+12k
	21k+24k	7k+12K+21k	9k+12K+21k	12k+18K+18k	7k+9K+12k+21k	9k+9K+9k+21k	-	7k+7K+7k+9k+12k	7k+7K+12k+12k+12k	-
	24k+24k	7k+12K+24k	9k+12K+24k	12k+18K+21k	7k+9K+12k+24k	9k+9K+9k+24k	-	7k+7K+7k+9k+18k	7k+9K+9k+9k+9k	-
	-	7k+18K+18k	9k+18K+18k	-	-	-	-	-	-	-
	-	7k+18K+21k	9k+18K+21k	-	-	-	-	-	-	-
	-	7k+18K+24k	9k+18K+24k	-	-	-	-	-	-	-

Outdoor Unit

Model			CMZ-2OI1418.HB0	CMZ-2OI1818.HB0	CMZ-3OI2118.HB0	CMZ-3OI2418.HB0	CMZ-4OI2818.HB0	CMZ-4OI3618.HB0	CMZ-5OI4218.HB0
Capacity	Cooling	Btu/h	14000	18000	21000	24000	27300	35800	40900
	Heating	Btu/h	15000	18400	22000	29000	31800	40900	44400
SEER		W/W	6.1	6.3	6.1	6.1	6.1	5.5	5.7
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	1Ph, 220-240V, 50Hz	1Ph, 220-240V, 50Hz
Power Input	Cooling	kW	1.2	1.45	1.91	2.18	2.54	3.5	3.76
	Heating	kW	1.18	1.45	1.73	2.28	2.49	3.75	3.45
Refrigerant charge volume		kg	1.4	1.6	2.2	2.2	2.4	4.3	4.8
Air Pressure Level		m ³ /h	2600	3200	3200	4000	4000	5200	5500
Sound pressure level		dB(A)	55	56	56	58	58	58	58
"Dimension (WxDxH)"	Outline	mm	899X596X378	955X396X700	955X396X700	980X427X790	980X427X790	1015X440X1103	1015X440X1103
	Package	mm	948X420X645	1029X458X750	1029X458X750	1083X488X855	1083X488X855	1158X493X1235	1158X493X1235
Net weight/Gross weight		kg	43/46	51/55.5	62/66.5	68/73	69/74	94/104	102/112
Connecting pipe diameter	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)
	WxHxD	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)
Max. equivalent connection pipe length		m	10	10	20	20	20	20	25
Maximum drive IDU NO.		unit	2	2	3	3	4	4	5
Loading quantity	40'GP/40'HQ	sets	204/272	171/171	171/171	96/144	96/144	48/48	48/48

Wall split



Model			CMZ-IMU0718.HB0	CMZ-IMU0918.HB0	CMZ-IMU1218.HB0	CMZ-IMU1818.HB0	CMZ-IMU2418.HB0	
Capacity	Cooling	Btu/h	7200	8900	12000	17500	22900	
	Heating	Btu/h	8900	9600	12500	18000	24700	
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	
Air flow volume		m³/h(SH/HML)	550/490/420/330	560/490/430/330	660/540/460/330	800/720/610/520	1150/1050/950/850	
		CFM(SH/HML)	324/288/247/194	330/288/247/194	388/318/271/194	471/424/359/306	677/618/559/500	
Sound pressure level		dB(A)(SH/HML)	38/36/32/25	39/36/32/24	42/39/33/26	46/41/37/32	48/45/42/39	
Connecting pipe	Gas	inch(mm)	3/8 (φ9.52)	3/8 (φ9.52)	3/8 (φ9.52)	1/2 (φ12)	5/8 (φ16)	
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	
Dimension(W×H×D)		Outline	mm	790×257×200	790×257×200	845×289×209	970×300×224	1078×325×246
		Package	mm	866×367×271	866×367×271	921×379×281	1041×383×320	1148×413×350
Net Weight/Gross weight		kg	9/11	9/11	10.0/12.0	13.5/16.5	17/20.5	
Loading quantity		20'GP	sets	332	332	300	229	172
		40'GP/40'HQ	sets	692/804	692/804	624/728	489/557	346/402

Duct Type Indoor Unit



Model			CMZ-IDL09.HB0	CMZ-IDL12.HB0	CMZ-IDL18.HB0	CMZ-IDL21.HB0	CMZ-IDL24.HB0	
Capacity	Cooling	Btu/h	8500	11900	17100	20500	24200	
	Heating	Btu/h	9600	13100	18800	22500	27300	
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	
Air flow volume		m³/h	450	500	700	1000	1000	
		CFM	265	294	412	589	589	
Sound pressure level		dB(A)(H/L)	37/31	39/32	41/33	42/34	42/34	
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8(φ16)	5/8(φ16)	
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	3/8(φ9.52)	3/8(φ9.52)	
Dimension(W×D×H)		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	1123×743×305	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	126	126	105	84	84
		40' GP/40' HQ	sets	273/312	273/312	217/248	175/200	175/200

Cassette Type Indoor Unit



Model			CMZ-ICC1213.HB0	CMZ-ICC18.HB0	CMZ-ICC24.HB0	
Capacity	Cooling	Btu/h	11900	15400	24200	
	Heating	Btu/h	13600	17100	27300	
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	
Air flow volume		m³/h	600	600	1180	
		CFM	353	353	694	
Sound pressure level		dB(A)(H/L/M)	42/39/37	43/41/39	44/42/40	
Main body		Gas	inch(mm)	3/8(φ9.52)	1/2(φ12)	5/8(φ16)
		Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	3/8 (φ9.52)
Dimension (W×D×H)		Outline	mm	570×570×230	570×570×230	840×840×240
		Package	mm	851×731×325	851×731×325	963×963×325
Net Weight/Gross weight		kg	18/23	18/23	30/38	
Panel		Outline	mm	650×650×50	650×650×50	950×950×60
		Package	mm	733×673×117	733×673×117	1043×1028×130
Net Weight/Gross weight		kg	2.5/3.5	2.5/3.5	6.5/10	
Loading quantity		20'GP	sets	133	133	84
		40'GP/40'HQ	sets	301/344	301/344	164/192

Floor Ceiling Type Indoor Unit



Model			CMZ-IFC09.HB0	CMZ-IFC12.HB0	CMZ-IFC18.HB0	CMZ-IFC2418.HB0
Capacity	Cooling	Btu/h	8500	11900	17100	24200
	Heating	Btu/h	9600	13100	18766	27300
Power supply		Ph/V/Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz	1Ph,220-240V,50Hz
Airflow volume		m ³ /h	650/550/450	650/550/450	950/700/500	1250/900/700
		CFM	383/324/265	382/324/265	559/412/294	736/530/412
Sound pressure level (SH/H/ML)		dB(A)	38/34/30/26	38/34/30/26	48/45/40/35	50/48/46/44
Connecting pipe	Gas	inch(mm)	3/8(φ9.52)	3/8(φ9.52)	1/2(φ12)	5/8(φ16)
	Liquid	inch(mm)	1/4 (φ6)	1/4 (φ6)	1/4 (φ6)	3/8(φ9.52)
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