



MULTI-SPLITS

ERP INVERTER

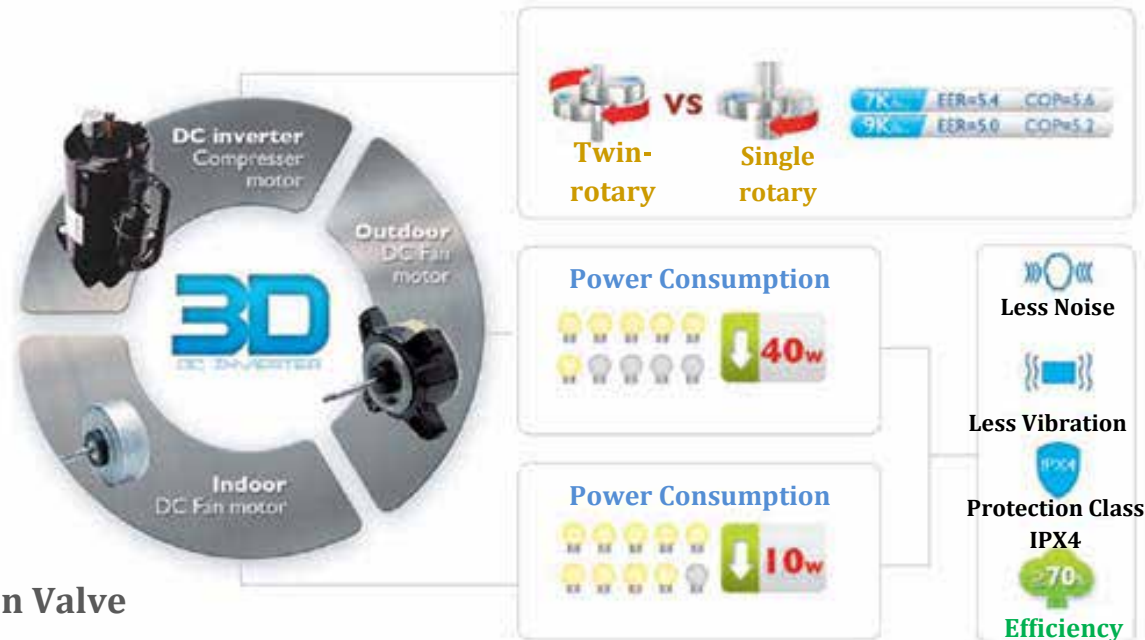


La solution pour un confort
Personnalisé dans chaque pièce



3D DC Inverseur

With the combination of advanced inverter driving technology, EEV (Electronic Expansion Valve) metering device and DC twin-rotary compressor, the desired super high efficiency air conditioning system is accessible.



Electronic Expansion Valve

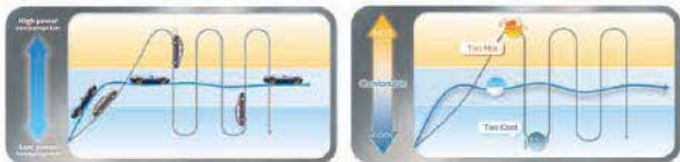
Compared with conventional throttling by utilizing capillary, Electronic Expansion Valve (EEV) provides the exact refrigerant volume in the air conditioner system. Under the control of a computer, the DC inverter 180° throttles up or down the refrigerant precisely according to the actual load situation, which optimizes the use of heat exchanger and improves energy efficiency. Furthermore, the EEV extends the flexibility of the air conditioner, improves performance under different temperature condition especially in extremely low temperatures. It also makes the room temperature control more precise.



DC Inverter 180° Sine Wave


Compared with 120° Square Wave DC inverter driving technology, the new 180° Sine Wave DC inverter driving technology has considerable advantages:


- 1- Wider range of frequency and voltage.
- 2- More efficiency and energy saving.
- 3- Smooth running, faint noises and vibrations.
- 4- Reliability in operation.





Make a breakthrough in the inverter technology


Possible Combinations Multi-Split Outdoor/Indoor Units


CMM-20I14.HB0	One Unit	Two Units	
	7	7+7	7+9
	9	7+12	9+9
	12	9+12	-
	18		

CMM-20I18.HB0	One Unit	Two Units		Three Units		
	7	7+7	7+9			
	9	7+12	7+18			
	12	9+9	9+12			
	18	9+18	12+12			
	9	7+12	7+18	9+9+9	7+9+9	7+9+12
	12	9+9	9+12	7+12+12	9+9+12	*
	18	9+18	12+12	-	-	-

CMM-30I27.HB0	One Unit	Two Units		Three Units		
	7	7+7	7+9	7+7+7	7+7+9	7+9+9
	9	7+12	7+18	9+9+9	9+9+12	
	12	9+9	9+12			
	18	9+18	12+12			
	24	12+18				

CMM-40I28.HB0	One Unit	Two Units		Three Units			Four Units		
	7	7+7	7+9	7+7+7	7+7+9	7+7+12	7+7+7+7	7+7+7+9	7+7+7+12
	9	7+12	7+18	7+7+18	7+7+24	7+9+9	7+7+7+18	7+7+9+9	7+7+9+12
	12	7+24	9+9	7+9+12	7+9+18	7+9+24	7+7+9+18	7+7+12+12	7+9+9+9
	18	9+12	9+18	7+12+12	7+12+18	9+9+9	7+9+9+12	7+9+9+12	9+9+9+9
	24	9+24	12+12	9+9+12	9+9+18	9+12+12	9+9+9+12	-	-
		12+18	12+24	9+12+18	12+12+12	12+12+18	-	-	-
		18+18							

CMM-40I36.HB0	One Unit	Two Units		Three Units			Four Units		
	7	7+7	7+9	7+7+7	7+12+12	9+12+12	7+7+7+7	7+7+12+18	7+12+12+18
	9	7+12	7+18	7+7+9	7+12+18	9+12+18	7+7+7+9	7+7+18+18	9+9+9+9
	12	7+24	9+9	7+7+12	7+12+24	9+12+24	7+7+7+12	7+9+9+9	9+9+9+12
	18	9+12	9+18	7+7+18	7+18+18	9+18+18	7+7+7+18	7+9+9+12	9+9+9+18
	24	9+24	12+12	7+7+24	9+9+9	12+12+12	7+7+7+24	7+9+9+18	9+9+12+12
		12+18	12+24	7+9+9	9+9+12	12+12+18	7+7+9+9	7+9+9+24	9+9+12+18
		18+18	-	7+9+12	9+9+18	12+12+24	7+7+9+12	7+9+12+12	9+12+12+12
		-	-	7+9+18	9+9+24	12+18+18	7+7+9+18	7+9+12+18	9+12+12+18
		-	-	7+9+24			7+7+9+24	7+9+18+18	12+12+12+12
		-	-				7+7+12+12	7+12+12+12	12+12+12+18

CMM-50I42.HB0	One Unit	Two Units		Three Units			Four Units		
	7	7+7	18+18	7+7+7	7+12+12	9+12+12	7+7+7+7	7+7+12+24	7+12+12+24
	9	7+9	-	7+7+9	7+12+18	9+12+18	7+7+7+9	7+7+18+18	9+9+9+9
	12	7+12	-	7+7+12	7+12+24	9+12+24	7+7+7+12	7+9+9+9	9+9+9+12
	18	7+18	-	7+7+18	7+18+18	9+18+18	7+7+7+18	7+9+9+12	9+9+9+18
	24	7+24	-	7+7+24	9+9+9	12+12+12	7+7+7+24	7+9+9+18	9+9+9+24
		9+9	-	7+9+9	9+9+12	12+12+18	7+7+9+9	7+9+9+24	9+9+12+12
		9+12	-	7+9+12	9+9+18	12+12+24	7+7+9+12	7+9+12+12	9+9+12+18
		9+18	-	7+9+18	9+9+24	12+18+18	7+7+9+18	7+9+12+18	9+9+12+24
		9+24	-	7+9+24			7+7+9+24	7+9+12+24	9+12+12+12
		12+12	-				7+7+12+12	7+9+18+18	9+12+12+18
		12+18	-				7+7+12+18	7+12+12+12	12+12+12+12
		12+24	-					7+12+12+18	12+12+12+18
	Five Units								
		7+7+9+9+9	7+9+9+12+18						
		7+7+7+9+9	7+9+9+12+12						
		7+7+7+7+12	7+9+12+12+18						
		7+7+7+7+18	9+9+9+9+9						
		7+7+7+7+24	9+9+9+9+12						
		7+7+7+9+9	9+9+9+9+18						
		7+7+7+9+12	9+9+9+12+12						
		7+7+7+9+24	9+9+12+12+12						
		7+7+7+12+18	9+12+12+12+12						
		7+7+7+18+18	9+12+12+12+18						
			12+12+12+12+12						

Multi-Split Outdoor Unit




Outdoor Unit

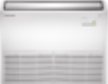
Model			CMM-20I14.HB0	CMM-20I18.HB0	CMM-30I21.HB0	CMM-30I27.HB0	CMM-40I28.HB0	CMM-40I36.HB0	CMM-50I42.HB0
Function Capacity	Cooling	Btu/h	14000	18000	21000	27000	28000	36000	42000
	Heating	Btu/h	15000	19000	22500	28000	30000	38000	42000
SEER/SCOP		W/W	6.8/4.0	6.3/4.0	6.4/4.0	6.6/4.0	6.8/4.0	7.6/3.8	7.7/3.8
Power Supply		V,Ph,Hz	220-240V-1-50	220-240V-1-50	220-240V-1-50	220-240V-1-50	220-240V-1-50	220-240V-1-50	220-240V-1-50
Power Input	Cooling	W	1200	1750	1917	2470	2273	3893	3622
	Heating	W	1160	1500	1782	2273	2435	3000	3372
Airflow Volume	Outdoor	m ³ /h	2100	2100	2700	3500	3800	5500	5500
Sound Pressure Level	Outdoor unit	dB(A)	54	56.5	57.5	59.5	60	63.5	62
Piping Connection	Gas	mm	9.52	9.52	9.52	9.52	3x9.52+1x12.7	3x9.52+1x12.7	4x9.52+1x12.7
	Liquid	mm	6.35	6.35	6.35	6.35	6.35	6.35	6.35
Outline Dimension	HxWxD	mm	800x333x554	800x333x554	845x363x702	845x363x702	946x410x810	946x410x810	946x410x810
Package Dimension	HxWxD	mm	920x390x615	920x390x615	965x395x755	965x395x755	1090x500x875	1090x500x875	1090x500x875
Net Weight/Gross Weight		kg	30.5/33.5	36/39	47/50.2	52.7/56.1	67.6/73.4	70/75	76/81
Loading Quantity	40'GP	PCS	250	250	190	190	116	116	116
	40'HQ	PCS	285	285	220	220	133	133	133

Multi-Split Indoor Unit


Free Match Indoor Unit Wall Split

Model		CMM-IMU0917.HB0 CMM-IMU1217.HB0 CMM-IMU1817.HB0 CMM-IMU2417.HB0					
	Capacity	Cooling	Btu/h	9000	12000	18000	24000
		Heating	Btu/h	10000	13000	20000	27000
	Airflow Volume		m ³ /h	420/310/240	520/46/270	750/500/420	1060/830/610
	Sound Pressure Level		dB(A)(H/M/L)	37/33/23	39/35/24	42/34/29	48/43/32
	Outline Dimension	HxWxD	mm	722X187X290	802X189X279	965X215X319	1080X226X335
	Package Dimension	HxWxD	mm	790X270X370	875X285X375	1045X305X405	1155X315X415
	Net Weight/Gross Weight		kg	7.4/9.6	8.2/10.7	10.7/14	13/16.6
	Loading Quantity	40'GP	sets	710	599	434	385
		40'HQ	sets	811	684	495	430

Free Match Indoor Unit Floor Ceiling

Model		CMM-IFC24.HB0		
	Capacity	Cooling	Btu/h	24000
		Heating	Btu/h	25000
	Airflow Volume		m ³ /h	1150/1020/820
	Sound Pressure Level		dB(A)(H/M/L)	52/46/42
	Outline Dimension	HxWxD	mm	1068X675X235
	Package Dimension	HxWxD	mm	1145X755X313
	Net Weight/Gross Weight		kg	25/30
	Loading Quantity	40'GP	sets	210
		40'HQ	sets	240

Free Match Indoor Unit Cassette

Model		CMM-ICC0917.HB0 CMM-ICC1218.HB0 CMM-ICC1817.HB0				
	Capacity	Cooling	Btu/h	9000	12000	18000
		Heating	Btu/h	10000	14000	18000
	Airflow Volume		m ³ /h	580/500/450	617/504/416	800/650/500
	Sound Pressure Level		dB(A)(H/M/L)	39/36/33.5	43/39/35	48/42/36
	Outline Dimension(PANEL)	HxWxD	mm	647X647X50	647X647X50	647X647X50
	Package Dimension(PANEL)	HxWxD	mm	715X715X123	715X715X123	715X715X123
	Outline Dimension	HxWxD	mm	570X570X260	570X570X260	570X570X260
	Package Dimension	HxWxD	mm	655X655X290	655X655X290	655X655X290
	Net Weight/Gross Weight(PANEL)		kg	2.5/4.5	2.5/4.5	2.5/4.5
	Net Weight/Gross Weight		kg	14.5/17.3	16.2/21.4	18/21
	Loading Quantity	40'GP	sets	375	375	375
		40'HQ	sets	429	429	429