



FIXED SPEED SLIMLINE CASSETTE



LOW NOISE



FRESH
AIR



SLIM DESIGN

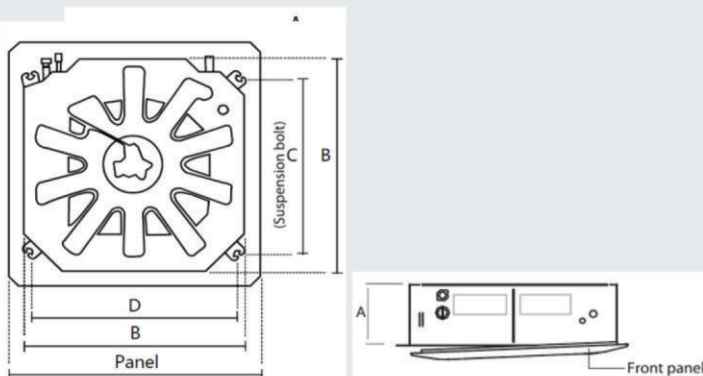
FIXED SPEED SLIMLINE CASSETTE



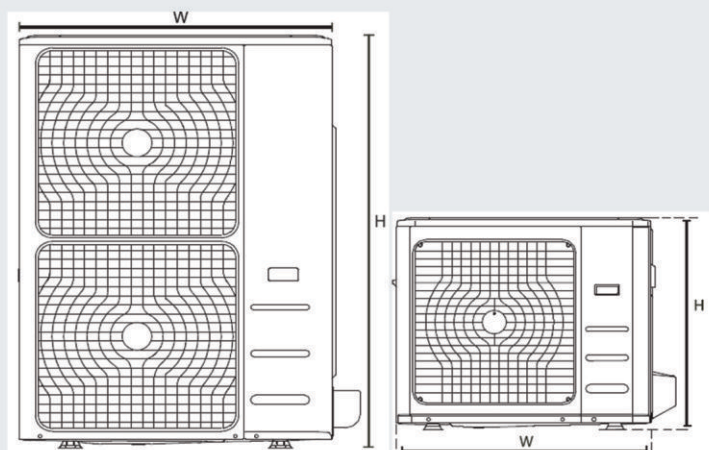
SPECIFICATIONS

Model		MCD-24HRN1	MCC-36HRN1	MCD-36HRN1-R	MCD-48HRN1-R	MCD-60HRN1-R	
Factory code		22022511001297	22022511002496	22022511002536	22022511000637	22022511000660	
Cooling Performance							
Cooling	Capacity	Btu/h	24000	36000	36000	48000	55000
	Input	W	2600	3850	3600	5191	6272
	Current	A	12.48	18.5	6	9.2	11
	EER	W/W	2,71	2,74	2,93	2,71	2,57
Heating Performance							
Heating	Capacity	Btu/h	26000	36000	36000	52000	61000
	Input	W	27-Jul-06	3850	3650	4763	5843
	Current	A	11-Jan-00	18.5	6.1	8.5	10.3
	COP	W/W	3,18	2,74	2,89	3,2	3,06
Indoor Specifications							
Indoor Power supply	V-ph-Hz	220-240-1-50	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1	
Indoor air flow (Hi/Mid/Lo)	m ³ /h	1200/1050/900	1731/1494/1297	1731/1494/1297	1900/1600/1400	2000/1700/1500	
Indoor noise level (Hi/Mid/Lo)	dB(A)	50/45/41	51.6/48.3/44.9	51.7/48.0/45.2	53/48/44	53/48/44	
Dimension (WxDxH)(body)	mm	840x840x205	840x840x245	840x840x245	840x840x245	840x840x287	
Packing (WxDxH)(body)	mm	900x900x217	900x900x265	900x900x257	900x900x257	900x900x292	
Dimension (WxDxH)(panel)	mm	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	
Net/Gross weight(body)	kg	22.1/25.5	25/28.7	24.9/28.8	27/32	29/34	
Net/Gross weight(panel)	kg	5/8	5/8	5/8	5/8	5/8	
Drainage water pipe diameter	mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32	ODΦ32	
Controller		Wired Remote control	Wired Remote control	Wired Remote control	Wired Remote control	Wired Remote control	
Outdoor Specifications							
Model		MOU-24HN1-Q	MOU-36HN1-Q	MOU-36HN1-R	MOU-48HN1-R	MOU-60HN1-R	
Factory Code		22022716000675	22023016001791	22023016001792	22023016000109	22022716000119	
Outdoor Power supply	V-ph-Hz	220-240-1-50	220-240-1-50	380~415-3-50	380-415-3-50	380-415-3-50	
Outdoor noise level	dB(A)	62	63.4	64.4	63	63	
Dimension (WxDxH)	mm	845x363x702	946x410x810	946x410x810	900x350x1170	900x350x1170	
Packing (WxDxH)	mm	965x395x755	1090x500x875	1090x500x875	1032x443x1307	1032x443x1307	
Net/Gross weight	kg	52.7/56.1	79.5/85.3	77.1/82.9	93.2/105	97/108	
Refrigerant Type / Quantity							
Type		R410A	R410A	R410A	R410A	R410A	
Charged volume	kg	1.8	2.5	2.5	3.25	3.2	
Refrigerant Piping							
Liquid side / Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	
Max. pipe length	m	25	30	30	50	50	
Max. difference in level	m	15	20	20	25	25	

Indoor Dimensions				
Model	A	B	C	D
MCD-24HRN1	205	840	780	680
MCC-36HRN1	245	840	780	680
MCD-36HRN1-R	245	840	780	680
MCD-48HRN1-R	245	840	780	680
MCD-60HRN1-R	287	840	780	680



Outdoor Dimensions			
Model	W x H x D	A	B
MOU-24HN1-Q	845 x 702 x 363	540	350
MOU-36HN1-Q	946 x 810 x 410	673	403
MOU-36HN1-R	946 x 810 x 410	673	403
MOU-48HN1-R	900 x 1170 x 350	590	378
MOU-60HN1-R	900 x 1170 x 350	590	378





INVERTER SLIMLINE CASSETTE



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INVERTER SLIMLINE CASSETTE



SPECIFICATIONS

Model	CAD-24 INV-Q	MCD-36HRDN1	CAD-36 INV-R	CAD-48 INV-R	CAD-60 INV-R		
Factory Code	22022511001779	22022511002156	22022511001796	22022511001778	22022511001816		
Cooling Performance							
Cooling	Capacity	Btu/h	24000	36000	36000	45700	55000
	Input	W	2417	4058	3950	5336	6700
	Current	A	11,00	18,5	6,30	8,50	11,00
	EER	W/W	2,91		2,67	2,51	2,41
Heating Performance							
Heating	Capacity	Btu/h	26000	38000	38000	50000	58000
	Input	W	2235	3094	3500	4427	6300
	Current	A	10,15	14,1	5,70	7,20	10,00
	COP	W/W	3,41	3,2	3,18	3,31	2,70
Indoor Specifications							
Indoor Power supply	V-ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50	
Indoor air flow (Hi/Mid/Lo)	m ³ /h	1098/959/798	1900/1750/1460	1832/1590/1389	1854	1970/1492/1293	
Indoor noise level (Hi/Mid/Lo)	dB(A)	47.4/43/39	53/50/47	52/48.3/44.4	54.5/48.4/46.3	52.1/ 45.3/42.8	
Dimension (WxDxH)(body)	mm	840x840x205	840x840x245	840x840x245	840x840x245	840x840x287	
Packing (WxDxH)(body)	mm	900x900x217	900x900x257	900x900x257	900x900x257	900x900x292	
Dimension (WxDxH)(panel)	mm	950x950x55	950x950x55	950x950x55	950x950x55	950x950x55	
Packing (WxDxH)(panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90	
Net/Gross weight(body)	kg	21.8/25.2	25.6/29.6	24.5/28	26.7/31.1	29.3/33.3	
Net/Gross weight(panel)	kg	5/8	5/8	5/8	5/8	5/8	
Drainage water pipe diameter	mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32	ODΦ32	
Outdoor Specifications							
Model	UNI-24-INV-Q	MOU-36HDN1-Q	UNI-36-INV-R	UNI-48-INV-R	UNI-60-INV-R		
Factory Code	22022516000844	22022516000422	22022516000862	22022516000843	22022716000915		
Outdoor Power supply	V-ph-Hz	220~240-1-50	220~240-1-50	380~415-3-50	380~415-3-50	380~415-3-50	
Outdoor noise level	dB(A)	55,6	60,5	62,3	65,3	65,9	
Dimension (WxDxH)	mm	845x363x702	946x410x810	946x410x810	946x410x810	952x415x1333	
Packing (WxDxH)	mm	965x395x755	1090x500x875	1090x500x875	1090x500x875	1095x495x1480	
Net/Gross weight	kg	46/49.1	67.2/72.9	67.3/73.1	74.3/79.9	97/107	
Refrigerant type / Quantity							
Type		R410A	R410A	R410A	R410A	R410A	
Charged volume	kg	2.1	2.1	3	3.65	4	
Refrigerant Piping							
Liquid side / Gas side	mm(inch)	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	
Max. pipe length	m	25	50	30	50	50	
Max. difference in level	m	15	30	20	30	30	

Indoor Dimensions				
Model	A	B	C	D
CAD-24 INV-Q	205	840	780	680
MCD-36HRDN1	245	840	780	680
CAD-36 INV-R	245	840	780	680
CAD-48 INV-R	245	840	780	680
CAD-60 INV-R	287	840	780	680

Outdoor Dimensions			
Model	W x H x D	A	B
UNI-24-INV-Q	845 x 702 x 363	540	350
MOU-36HDN1-Q	946 x 810 x 410	673	403
UNI-36-INV-R	946 x 810 x 410	673	403
UNI-48-INV-R	946 x 810 x 410	673	403
UNI-60-INV-R	952 x 1333 x 415	634	404