

UNDER CEILING FIXED SPEED







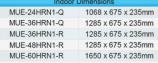


TWO-DIRECTIONAL AUTO SWING

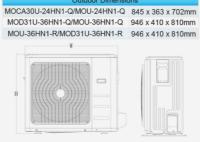
WIDE ANGLE AIR FLOW

UNDERCEILING FIXED SPEED

Indoor Model			MUE-24HRN1-Q	MUE-36HRN1-Q	MUE-36HRN1-R	MUE-48HRN1-R	MUE-60HRN1-R
Factory Indoor Code			22022711001237	22022711002116	22022711002156	22022711000384	22022711000584
Outdoor Model			MOU-24HN1-Q	MOU-36HN1-Q	MOU-36HN1-R	MOU-48HN1-R	MOUA-60HN1-R
Factory Outdoor Code			22022716000675	22023016001791	22023016002311	22023016000109	22022716000119
Power supply (outdoor)		V-ph-Hz	220~240-1-50	220-240-1-50	380-415V,3Ph,50Hz	380~415-3-50	380~415-3-50
	Capacity	Btu/h	24000	36000	36000	48000	55000
	Input	W	2630	3795,322476	3600	5060	6400
Cooling	Current	A	12.62	17,3	6.0	8.4	10.5
	EER	W/W	2,674523823	2,78	2.93	2,78	2.52
	Capacity	Btu/h	26000	36000	36000	52000	60000
	Input	W	2450	3850	3650	5063	5800
Heating	Current	A	11,76	18.5	6.1	8.6	9.6
	COP	w/w	3,110271072	2,74	2.89	3,01	3.03
	Model		YKSS-55-4-27-1	YKSS-125-4-5	YKSS-125-4-5	3,01	3.05
	Old Model		YSK55-4L	YSK125-4C	YSK125-4C	YSK125-4C	YSK85-4C
	Qty		1	1	1	1	2
Indoor fan motor	Input	W	125/105/85	148/131/122	148.0	148/131/122	120/110/105
Indoor coil	Capacitor	uF	2.5UF/450V	4.5	4.5	4.5uF/450V-P0	2.5uF/450V
	Speed (Hi/Med/Lo)	r/min	1310/1190/1040	1370/1300/1225	1370/1300/1225	1370/1300/1225	1315/1200/1120
		1/11111	2	2	2.0	3	3
	Number of rows						
	Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
	Fin spacing	mm	1,3	1,3	1.3	1,3	1,3
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminum	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube	Φ7, Inner groove tube	Φ7,innergroove tube	Φ7,innergroove tube
	Coil length x height x width	mm	795x294x26.74	935x294x26.74	935x294x26.74	1010x294x40.11	1300x294x40.11
	Number of circuits	0	6	6	6	9	10
Indoor air flow (Hi/Me		m ³ /h	1250/1050/900	1819/1536/1331	1819/1536/1331	1750/1400/1250	2300/1800/1600
Indoor noise level (sound pressure)(Hi/Med/Lo)		dB(A)	54/49/44	54.3/49.4/45.5	53/48.5/45	53/48/44	55/49/46
Throttle type			1	1	1	1	1
	Dimension (WxDxH)	mm	1068x675x235	1285x675x235	1285x675x235	1285x675x235	1650x675x235
Indoor unit	Packing (WxDxH)	mm	1145x755x313	1360x755x313	1360x755x313	1360x755x313	1725x755x313
	Net/Gross weight	kg	24.6/29.8	29.9/35.4	29.9/35.5	31/36	39/45
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Drainage water pipe	diameter	mm	ODФ25	ODФ25	ODФ25mm	ODФ25	ODФ25
Refrigerant piping	Liquid side/Gas side	mm(inch)	Φ9.52Φ15.9(3/8"/5/8")	Ф9.52/Ф19(3/8"/3/4")	9.52mm(3/8in)/19mm(3/4in)	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")
Controller			Wired Control	Wired Control	Wired Control	Wired Control	Remote Control and Wired Control
Operation temperatu	ure	°C	17~30	17~30	17-30	17~30	17~30
	Cooling	°C	17~32	17~32	16~32	17~32	17~32
Room temperature	Heating	°C	0~30	0~30	0~30	0~30	0~30
Outdoor model	°		IOCA30U-24HN1-Q/MOU-24HN1	-Q D31U-36HN1-Q/MOU-36HN		MOU-48HN1-R	MOUA-60HN1-R/MOU-60HN1-R
			22022716000675	22023016001791	22023016002311	22023016000109	22022716000119
Power supply		V-ph-Hz	220-240-1-50	220-240-1-50	380-415V,3Ph,50Hz	380-415-3-50	380-415-3-50
Max. input consumpt	otion	W	3450	4250	4250	6300	7500
Max. input current		A	18	20.5	7.0	10,9	12,6
	Model	~	PA291X3CS-4MTM1	ZP42KUE-PFZ-50E	ATQ420Y1TMT	C-SBN373H8D	C-SBN453H8D
Compressor Outdoor fan motor	Туре		ROTARY	SCROLL	ROTARY	Scroll	Scroll
	Capacity	Btu/h	24498/24669	10200W	10460W±5%	48109	55956,8
	Input	W	2395/2540	3450	3430W±5%	4750	5750
	Rated current (RLA)	A	11.55/12.25	16.7	6.1A±5%	8,22	9,77
			59	97	36	66	67
	Locked rotor Amp (LRA)	A					INTERNAL
	Thermal protector position	_	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL
	Capacitor	μF	60UF/450V	60.0	0.0	/	/
	Refrigerant oil	ml	ESTER OIL VG74 · 950	1242	ESTER OIL VG74 1200CC	1700	1700
	Model		YKT-75-6-200L	YKS-190-6-21L	YKS-190-6-21L		
	Old Model			YKS-190-6-21L	YKS-190-6-21L	YDK65-6F(B)	YDK65-6F(B)
	Qty		1	1	1	2	2
	Input	W	144	293.3/261	293.3	162	162
	Capacitor	μF	3UF/450V	10	10	3.5UF/450V	3.5UF/450V
	Speed	r/min	860	850/770	850/770	765	765
							2
	Number of rows		2	1.6	2.0	2	
		mm	21x13.37	25.4x22	25.4x22	21x13.37	22x19.05
	Number of rows Tube pitch(a)* row pitch(b) Fin spacing		21x13.37 1.2	25.4x22 1.5	25.4x22 1.3		22x19.05 1,6
Outdoor coil	Number of rows Tube pitch(a)* row pitch(b)	mm	21x13.37	25.4x22 1.5 Hydrophilic aluminium	25.4x22	21x13.37 1,4 Hydrophilic aluminium	22x19.05 1,6 Hydrophilic aluminium
Outdoor coil	Number of rows Tube pitch(a)* row pitch(b) Fin spacing	mm	21x13.37 1.2	25.4x22 1.5	25.4x22 1.3	21x13.37 1,4	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube
Outdoor coil	Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type	mm mm	21x13.37 1.2 Hydrophilic aluminium	25.4x22 1.5 Hydrophilic aluminium	25.4x22 1.3 Hydrophilic aluminum	21x13.37 1,4 Hydrophilic aluminium	22x19.05 1,6 Hydrophilic aluminium
Outdoor coil	Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type Tube outside dia.and type	mm m mm m	21x13.37 1.2 Hydrophilic aluminium Ф7,innergroove tube	25.4x22 1.5 Hydrophilic aluminium Φ9.52,innergroove tube	25.4x22 1.3 Hydrophilic aluminum Ф9.52,Inner groove tube	21x13.37 1,4 Hydrophilic aluminium Φ7,innergroove tube	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube
	Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type Tube outside dia.and type Coil length * height * width Number of circuits	mm m mm m	21x13.37 1.2 Hydrophilic aluminium Φ7,innergroove tube 730x651x26.74	25.4x22 1.5 Hydrophilic aluminium Φ9.52,innergroove tube 1005x762x22+580x762x22	25.4x22 1.3 Hydrophilic aluminum Φ9.52,Inner groove tube 995x762x44	21x13.37 1,4 Hydrophilic aluminium Φ7,innergroove tube 840x1113x26.74	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube 837x1100x38.1
Outdoor noise level (Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type Tube outside dia.and type Coil length * height * width Number of circuits	mm mm mm mm	21x13.37 1.2 Hydrophilic aluminium Φ7,innergroove tube 730x651x26.74 6	25.4x22 1.5 Hydrophilic aluminium Φ9.52,innergroove tube 1005x762x22+580x762x22 4	25.4x22 1.3 Hydrophilic aluminum Φ9.52,Inner groove tube 995x762x44 4	21x13.37 1,4 Hydrophilic aluminium Φ7,innergroove tube 840x1113x26.74 8	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube 837x1100x38.1 4
Outdoor noise level (Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type Tube outside dia.and type Coil length * height * width Number of circuits	mm mm mm mm	21x13.37 1.2 Hydrophilic aluminium Φ7,innergroove tube 730x651x26.74 6 62	25.4x22 1.5 Hydrophilic aluminium Φ9.52,innergroove tube 1005x762x22+580x762x22 4 63.4	25.4x22 1.3 Hydrophilic aluminum Φ9.52,Inner groove tube 995x762x44 4 63	21x13.37 1,4 Hydrophilic aluminium Ф7,innergroove tube 840x1113x26.74 8 63	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube 837x1100x38.1 4 63
Outdoor noise level (Throttle type	Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type Tube outside dia.and type Coil length * height * width Number of circuits (sound pressure)	mm mm mm dB(A)	21x13.37 1.2 Hydrophilic aluminium Φ7,innergroove tube 730x651x26.74 6 62 Throttle Valve	25.4x22 1.5 Hydrophilic aluminium Φ9.52,innergroove tube 1005x762x22+580x762x22 4 63.4 Throttle valve	25.4x22 1.3 Hydrophilic aluminum Ф9.52,Inner groove tube 995x762x44 4 63 Throttle valve	21x13.37 1,4 Hydrophilic aluminium Ф7,innergroove tube 840x1113x26.74 8 63 Capillary	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube 837x1100x38.1 4 63 Capillary
Outdoor noise level (Throttle type	Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type Tube outside dia.and type Coil length * height * width Number of circuits (sound pressure) Dimension (WxDxH)	mm mm mm dB(A) mm mm	21x13.37 1.2 Hydrophilic aluminium Φ7,innergroove tube 730x651x26.74 6 6 62 Throttle Valve 845x363x702	25.4x22 1.5 Hydrophilic aluminium Φ9.52,innergroove tube 1005x762x22+580x762x22 4 63.4 Throttle valve 946x410x810	25.4x22 1.3 Hydrophilic aluminum Φ9.52,Inner groove tube 995x762x44 4 63 Throttle valve 946x410x810	21x13.37 1,4 Hydrophilic aluminium Φ7,innergroove tube 840x1113x267 8 63 Capillary 900x350x1170	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube 837x1100x38.1 4 63 Capillary 900x350x1170
Outdoor noise level (Throttle type Outdoor unit	Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type Tube outside dia.and type Coil length * height * width Number of circuits (sound pressure)	mm mm mm dB(A)	21x13.37 1.2 Hydrophilic aluminium Φ7,innergroove tube 730x651x26.74 6 62 Throttle Valve 845x363x702 965x395x755 52.7/56.1	25.4x22 1.5 Hydrophilic aluminium Φ9.52,innergroove tube 1005x762x22+580x762x22 4 63.4 Throttle valve 946x410x810 1090x500x875 79.5/85.3	25.4x22 1.3 Hydrophilic aluminum Φ9.52,Inner groove tube 995x762x44 4 63 Throttle valve 946x410x810 1090x500x875 74.4/78.9	21x13.37 1,4 Hydrophilic aluminium Φ7,innergroove tube 840x1113x26.74 8 63 63 Capillary 900x350x1170 1032x443x1307 93.2/105	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube 837x1100x38.1 4 63 Capillary 900x350x1170 1032x443x1307 97/108
Outdoor noise level (Throttle type Outdoor unit Refrigerant	Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type Tube outside dia.and type Coil length * height * width Number of circuits (sound pressure) Dimension (WxDxH) Packing (WxDxH) Net/Gross weight Type	mm m mm d mm d dB(A) mm kg	21x13.37 1.2 Hydrophilic aluminium Φ7,innergroove tube 730x651x26.74 6 6 62 Throttle Valve 845x363x702 965x395x755 52.7/56.1 R410A	25.4x22 1.5 Hydrophilic aluminium Φ9.52,innergroove tube 1005x762x22+580x762x22 4 63.4 Throttle valve 946x410x810 1090x500x875 79.5/85.3 R410A	25.4x22 1.3 Hydrophilic aluminum Φ9.52,Inner groove tube 995x762x44 4 63 Throttle valve 946x410x810 1090x500x875 74.4/78.9 R410A	21x13.37 1,4 Hydrophilic aluminium Φ7,innergroove tube 840x1113x26.74 8 63 Capillary 900x350x1170 1032x443x1307 93.2/105 R410A	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube 837x1100x38.1 4 63 Capillary 900x350x1170 1032x443x1307 97/108 R410A
Outdoor noise level (Throttle type Outdoor unit Refrigerant type/Quantity	Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type Tube outside dia.and type Coil length * height * width Number of circuits (sound pressure)	mm mm mm dB(A) mm mm kg kg	21x13.37 1.2 Hydrophilic aluminium Φ7,innergroove tube 730x651x26.74 6 6 6 70 Throttle Valve 845x363x702 965x395x755 52.7/56.1 R410A 1.8	25.4x22 1.5 Hydrophilic aluminium Φ9.52,innergroove tube 1005x762x22+580x762x22 4 63.4 Throttle valve 946x410x810 1090x500x875 79.5/85.3 R410A 2.5	25.4x22 1.3 Hydrophilic aluminum Φ9.52,Inner groove tube 995x762x44 4 63 Throttle valve 946x410x810 1090x500x875 74.4/78.9 R410A 2.85	21x13.37 1,4 Hydrophilic aluminium Φ7,innergroove tube 840x1113x26.74 8 63 Capillary 900x350x1170 1032x443x1307 93.2/105 R410A 3.25	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube 837x1100x38.1 4 63 Capillary 900x350x1170 1032x443x1307 97/108 R410A 3.2
Outdoor noise level (Throttle type Outdoor unit Refrigerant type/Quantity	Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type Tube outside dia.and type Coil length * height * width Number of circuits (sound pressure) Dimension (WxDxH) Packing (WxDxH) Net/Gross weight Type Charged volume	mm m mm d dB(A) dB(A) mm m mm kg kg MPa	21x13.37 1.2 Hydrophilic aluminium Φ7,innergroove tube 730x651x26.74 6 6 6 2 Throttle Valve 845x363x702 965x395x755 52.7/56.1 R410A 1.8 4.2/1.5	25.4x22 1.5 Hydrophilic aluminium Φ9.52,innergroove tube 1005x762x22+580x762x22 4 63.4 Throttle valve 946x410x810 1090x500x875 79.5/85.3 R410A 2.5 4.2/1.5	25.4x22 1.3 Hydrophilic aluminum Φ9.52,Inner groove tube 995x762x44 4 63 Throttle valve 946x410x810 1090x500x875 74.4/78.9 R410A 2.85 4.2/1.5	21x13.37 1,4 Hydrophilic aluminium Φ7,innergroove tube 840x1113x26.74 8 63 Capillary 900x350x1170 1032x443x1307 93.2/105 R410A 3.25 4.2/1.5	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube 837x1100x38.1 4 63 Capillary 900x350x1170 1032x443x1307 97/108 R410A 3.2 4.2/1.5
Outdoor noise level (Throttle type Outdoor unit Refrigerant type/Quantity Design pressure	Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type Tube outside dia.and type Coll length * height * width Number of circuits (sound pressure) Dimension (WxDxH) Packing (WxDxH) Net/Gross weight Type Charged volume	mm (inch)	21x13.37 1.2 Hydrophilic aluminium Φ7,innergroove tube 730x651x26.74 6 6 62 Throttle Valve 845x363x702 965x395x755 52.7/56.1 R410A 1.8 4.2/1.5 Φ9.52Φ15.9(3/8"/5/8")	25.4x22 1.5 Hydrophilic aluminium Φ9.52,innergroove tube 1005x762x22+580x762x22 4 63.4 Throttle valve 946x410x810 1090x500x875 79.5/85.3 R410A 2.5 4.2/1.5 Φ9.52/Φ19(3/8"/3/4")	25.4x22 1.3 Hydrophilic aluminum Φ9.52,Inner groove tube 995x762x44 4 63 Throttle valve 946x410x810 1090x500x875 74.4/78.9 R410A 2.85 4.2/1.5 9.52mm(3/8in)/19mm(3/4in)	21x13.37 1,4 Hydrophilic aluminium Ф7,innergroove tube 840x1113x26.74 8 63 Capillary 900x350x1170 1032x443x1307 93.2/105 R410A 3.25 4.2/1.5 Φ9.52/Φ19(3/8"/3/4")	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube 837x1100x38.1 4 63 Capillary 900x350x1170 1032x443x1307 97/108 R410A 3.2 4.2/1.5 Φ9.52/Φ19(3/8"/3/4")
Throttle type Outdoor unit Refrigerant type/Quantity	Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type Tube outside dia.and type Coil length * height * width Number of circuits (sound pressure) Dimension (WxDxH) Packing (WxDxH) Net/Gross weight Type Charged volume	mm (inch)	21x13.37 1.2 Hydrophilic aluminium Φ7,innergroove tube 730x651x26.74 6 6 62 Throttle Valve 845x363x702 965x395x755 52.7/56.1 R410A 1.8 4.2/1.5 Φ9.52Φ15.9(3/8"/5/8") 25	25.4x22 1.5 Hydrophilic aluminium Φ9.52,innergroove tube 1005x762x22+580x762x22 4 63.4 Throttle valve 946x410x810 1090x500x875 79.5/85.3 R410A 2.5 4.2/1.5 Φ9.52/Φ19(3/8"/3/4") 30	25.4x22 1.3 Hydrophilic aluminum Φ9.52,Inner groove tube 995x762x44 4 63 Throttle valve 946x410x810 1090x500x875 74.4/78.9 R410A 2.85 4.2/1.5 9.52mm(3/8in)/19mm(3/4in) 30	21x13.37 1,4 Hydrophilic aluminium Φ7,innergroove tube 840x1113x26.74 63 Capillary 900x350x1170 1032x443x1307 93.2/105 R410A 3.25 4.2/1.5 Φ9.52/Φ19(3/8'/3/4')	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube 837x1100x38.1 4 63 Capillary 900x350x1170 1032x443x1307 97/108 R410A 3.2 4.2/1.5 Φ9.52/Φ19(3/8"/3/4") 50
Outdoor noise level (Throttle type Outdoor unit Refrigerant type/Quantity Design pressure Refrigerant piping	Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type Tube outside dia.and type Coil length * height * width Number of circuits (sound pressure) Dimension (WxDxH) Packing (WxDxH) Net/Gross weight Type Charged volume	mm a second seco	21x13.37 1.2 Hydrophilic aluminium Φ7,innergroove tube 730x651x26.74 6 62 Throttle Valve 845x363x702 965x395x755 52.7/56.1 R410A 1.8 4.2/1.5 Φ9.52Φ15.9(3/8"/5/8") 25 15	25.4x22 1.5 Hydrophilic aluminium Φ9.52,innergroove tube 1005x762x22+580x762x22 4 63.4 Throttle valve 946x410x810 1090x500x875 79.5/85.3 R410A 2.5 4.2/1.5 Φ9.52/Φ19(3/8"/3/4") 30 20	25.4x22 1.3 Hydrophilic aluminum Φ8.52,Inner groove tube 995x762x44 4 63 Throttle valve 946x410x810 1090x500x875 74.4/78.9 R410A 2.85 4.2/1.5 9.52mm(3/8in)/19mm(3/4in) 30 20	21x13.37 1,4 Hydrophilic aluminium Φ7,innergroove tube 840x1113x26.74 8 63 Capillary 900x350x1170 1032x443x1307 93.2/105 R410A 3.25 4.2/1.5 Φ9.52/Φ19(3/8"/3/4") 50	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube 837x1100x38.1 4 63 Capillary 900x350x1170 1032x443x1307 97/108 R410A 3.2 4.2/1.5 Φ9.52/Φ19(3/8"/3/4") 50 25
Outdoor noise level (Throttle type Outdoor unit Refrigerant type/Quantity Design pressure	Number of rows Tube pitch(a)* row pitch(b) Fin spacing Fin type Tube outside dia.and type Coil length * height * width Number of circuits (sound pressure) Dimension (WxDxH) Packing (WxDxH) Net/Gross weight Type Charged volume	mm (inch)	21x13.37 1.2 Hydrophilic aluminium Φ7,innergroove tube 730x651x26.74 6 6 62 Throttle Valve 845x363x702 965x395x755 52.7/56.1 R410A 1.8 4.2/1.5 Φ9.52Φ15.9(3/8"/5/8") 25	25.4x22 1.5 Hydrophilic aluminium Φ9.52,innergroove tube 1005x762x22+580x762x22 4 63.4 Throttle valve 946x410x810 1090x500x875 79.5/85.3 R410A 2.5 4.2/1.5 Φ9.52/Φ19(3/8"/3/4") 30	25.4x22 1.3 Hydrophilic aluminum Φ9.52,Inner groove tube 995x762x44 4 63 Throttle valve 946x410x810 1090x500x875 74.4/78.9 R410A 2.85 4.2/1.5 9.52mm(3/8in)/19mm(3/4in) 30	21x13.37 1,4 Hydrophilic aluminium Φ7,innergroove tube 840x1113x26.74 63 Capillary 900x350x1170 1032x443x1307 93.2/105 R410A 3.25 4.2/1.5 Φ9.52/Φ19(3/8'/3/4')	22x19.05 1,6 Hydrophilic aluminium Φ7.94,innergroove tube 837x1100x38.1 4 63 Capillary 900x350x1170 1032x443x1307 97/108 R410A 3.2 4.2/1.5 Φ9.52/Φ19(3/8"/3/4") 50







 MOU-48HN1-R
 900 x 350 x 1170mm

 MOUA-60HN1-R/MOU-60HN1-R
 900 x 350 x 1170mm



