

## MSP Duct



- Narrow Width
- Strong and Large Coverage Area
- Silent Operation with the Static Pressure Control
- Easy to Maintain



Smart Inverter

Model Name	Indoor Unit	AC2017R40C1H	AC2017R40C1H	AC2017R40C1H	AC2017R40C1H	AC2017R40C1H	AC2017R40C1H
Model Name	Outdoor Unit	AC2017R40C1H	AC2017R40C1H	AC2017R40C1H	AC2017R40C1H	AC2017R40C1H	AC2017R40C1H
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	1,005/1068/1120	1,005/1068/1120	1,005/1068/1120	1,005/1068/1120	1,005/1068/1120	1,005/1068/1120
Power	Power Input (Nominal)	3,400/11,100/12,000	3,400/11,100/12,000	3,400/11,100/12,000	3,400/11,100/12,000	3,400/11,100/12,000	3,400/11,100/12,000
Energy Efficiency	SEER (Nominal Cooling)	3.21	3.21	3.21	3.21	3.21	3.21
Piping Connectors	Liquid Pipe	Φ 1/2"	Φ 1/2"	Φ 1/2"	Φ 1/2"	Φ 1/2"	Φ 1/2"
Power Supply	Type	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3
Compressor	Type	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3
Control	Mode	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3
Filter	Oil	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3
Sound	Sound Power	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3
Opening	Temp. Range	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3	1, 2, 220-240, 3

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### Optional Accessories

Individual Controllers

Drain Pump

### Standard Accessories

Individual Controllers

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Model Types	Indoor Unit	MR2200G1A RC2200G05	MR3500G1A RC3500G05	MR4500G1A RC4500G05	MR5000G1A RC5000G05	MR6000G1A RC6000G05	MR7000G1A RC7000G05	MR8000G1A RC8000G05	MR9000G1A RC9000G05
Capacity (Nominal)	Cooling (Min. / Std. / Max.)	11.80(4.2)~16(18.2)	17.40(6.2)~24(28)	23.00(8.2)~32(38)	26.00(9.2)~36(42)	32.00(11.2)~45(54)	37.00(13.2)~51(63)	43.00(15.2)~60(72)	49.00(17.2)~68(84)
Power	Power Input (Rated)	1.2(0.88)~1.8(2.1)	1.8(1.3)~2.7(3.2)	2.4(1.8)~3.6(4.2)	2.7(2.0)~4.0(4.8)	3.3(2.4)~5.0(6.0)	3.7(2.8)~5.6(6.7)	4.3(3.2)~6.4(7.7)	4.9(3.6)~7.3(8.8)
	Current Input (Rated)	5.7(4.2)~8.2(9.6)	8.2(6.0)~12.0(14.4)	10.7(8.0)~16.0(19.2)	12.0(9.0)~18.0(21.6)	14.5(10.8)~21.6(25.8)	16.5(12.4)~24.6(29.5)	19.0(14.3)~28.2(33.8)	21.6(16.2)~32.4(39.6)
	Power Factor	0.95~0.98	0.95~0.98	0.95~0.98	0.95~0.98	0.95~0.98	0.95~0.98	0.95~0.98	0.95~0.98
	Energy Efficiency Ratio (EER)	3.2~3.6	3.2~3.6	3.2~3.6	3.2~3.6	3.2~3.6	3.2~3.6	3.2~3.6	3.2~3.6
Piping Connections	Liquid Pipe	Φ 6.35	Φ 6.35	Φ 6.35	Φ 6.35	Φ 6.35	Φ 6.35	Φ 6.35	Φ 6.35
	Gas Pipe	Φ 12.7	Φ 12.7	Φ 12.7	Φ 12.7	Φ 12.7	Φ 12.7	Φ 12.7	Φ 12.7
Panel Size	Panel Width	240	360	480	540	660	720	840	900
	Panel Height	180	270	360	405	480	540	630	675
Operating Temp. Range	Indoor	16~24	16~24	16~24	16~24	16~24	16~24	16~24	16~24
	Outdoor	5~43	5~43	5~43	5~43	5~43	5~43	5~43	5~43

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Optional Accessories

Individual Controllers

Drain Pump

MCP-M275SGLH  
MCP-M275SGLR  
MCP-M275SGLS

Standard Accessories

Individual Controllers

MCP-M275SGLH  
MCP-M275SGLR  
MCP-M275SGLS

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R - Inverter

Model Name	Indoor Unit	AC07P18A2H1	AC07P18A2H1	AC10P18A2H1
Mode	Outdoor Unit	AC07P18A2H1	AC07P18A2H1	AC10P18A2H1
Capacity (Refrigerant)	Cooling (Min. / Std. / Max.)	1.807/2.08/2.30	2.809/3.09/3.30	2.809/3.09/3.30
	Heating (Min. / Std. / Max.)	1.497/1.68/2.20	3.006/3.09/3.00	3.001/3.015/3.00
Power	Power Input (Refrigerant)	0.500/0.60/0.62	0.800/0.94/0.90	0.800/0.94/0.90
	Current Input (Refrigerant)	2.70/4.50/4.80	3.80/4.40/4.30	3.80/4.40/4.30
	MCA	25.00 (MCA)	25.00 (MCA)	25.00 (MCA)
	MFA	25.00	25.00	25.00
Energy Efficiency	SEER (Refrigerant Heating)	2.81	3.31	3.31
	COP (Refrigerant Heating)	3.31	3.31	3.31
	Energy Grade (G) (4.3/C)	Energy Grade (G) (4.3/C)	Energy Grade (G) (4.3/C)	Energy Grade (G) (4.3/C)
Piping Connectors	Liquid Pipe	5/8" S. inch	5/8" S. inch	5/8" S. inch
	Gas Pipe	1/2" S. inch	3/8" S. inch	3/8" S. inch
	Insulation Limitation	Max. Length (Outdoor Indoor)	20(20)	20(20)
	Max. Height (Between CU/CU)	2.5 - 4.0	2.5 - 4.0	2.5 - 4.0
	Exhaustion Cable	0.75 - 1.0	0.75 - 1.25	0.75 - 1.25
Management	Type	R410A	R410A	R410A
	Control Method	-	-	-
	Factory Charging	kg	1.20	0.00
INDOOR UNIT	Power Supply	Type	0.4, V, Hz	1,220-240,30
	Motor	Output	W	3000W Fan
	Number of Lits	EA	EA	EA
	Air Flow Rate	High / Mid / Low	CFM	21.50/19.70/18.00
	External Static Pressure	Min / Std / Max	mm(A)	400.00/500.00/600.00
Drain	Drain Pipe	Type	mm	24.00/22.00/20.00
	Sound Pressure	High / Mid / Low	dB(A)	40.00/38.00/36.00
External Dimension	Net Weight	kg	24.00	0.004/0.000
	Shipping Weight	kg	34.00	0.009/0.010
	Net Dimensions (W/H/D)	mm	960 x 480 x 480	960 x 480 x 480
	Shipping Dimensions (W/H/D)	mm	1140 x 300 x 300	1140 x 300 x 300
Panel Size	Panel depth	mm	34.00	34.00
	Panel Net Weight	kg	-	-
	Shipping Weight	kg	-	-
	Net Dimensions (W/H/D)	mm	-	-
	Shipping Dimensions (W/H/D)	mm	-	-
Additional Accessories	Drain pump	Model	MCP-MD75GSJ1	MCP-MD75GSJ1
	Max. Static Height / Depressure	mm / Inch	-	-
	Air Filter	-	-	-
OUTDOOR UNIT	Power Supply	Type	0.4, V, Hz	1,220-240,30
	Compressor	Type	Rot. SLIC / Rotary	Rot. SLIC / Rotary
	Motor	Output	W	1000W Fan
	Oil	Type	W	1.70
	Initial Charge	kg	POE	2.40
Fan	Air Flow Rate	CFM	600.00	1200.00
	Sound Pressure	dB(A)	52.00	60.00
	Sound Pressure	Cooling / Heating	dB(A)	1.130.33
External Dimension	Net Weight	kg	47.00	77.00
	Shipping Weight	kg	80.00	110.00
	Net Dimensions (W/H/D)	mm	880 x 680 x 310	940 x 680 x 330
	Shipping Dimensions (W/H/D)	mm	1000 x 680 x 430	980 x 1000 x 430
Opening	Cooling	mm	-5-43	-15-50
	Heating	mm	-25-24	-25-24

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### Optional Accessories



### Standard Accessories

