



Submittal Data Sheet

Series Name: Olympus Multi-Zone Series
Model Number: MULT13-18HP230C-0

High Wall Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



* Refer to AHRI for Certificates

OUTDOOR SPECIFICATION		
Compressor Type		Twin-ROTARY
Compressor Model		KTN150D30UFZA
Refrigerant Type		R454B
Refrigerant Oil Charge	mL	450
Refrigerant Oil		VG74
Outdoor Air Flow (Max)	CFM	1765.8
Outdoor Noise Level	dBA	59.5
Dimension (W×D×H)	inch	35.04 x 13.46 x 26.5
	mm	890 x 342 x 673
Package (W×D×H)	inch	40.55 x 17.24 x 29.53
	mm	1030 x 438 x 750
Net/Gross Weight	lbs	100.53/109.35
	kg	45.6/49.6

ELECTRICAL		
Power Supply	V, Hz, Ph	208 / 230V, 60Hz, 1Ph
System MCA	A	16
Connection Wiring	-	14#x4
System MOCP	A	20
Compressor RLA	A	8.2
Outdoor Fan Motor RLA	A	1
Outdoor Fan Motor	W	80
Indoor Fan Motor RLA	A	/
Indoor Fan Motor	W	/
System Power Input @ Cooling	W	1285 / (400~1900)
System Power Input @ Heating	W	1465 / (350~1630)

PIPING		
Liquid Size	mm (in)	3 x 6.35mm (3 x 1 / 4in)
Gas Size	mm (in)	3 x 9.52mm (3 x 3 / 8in)
Max. Piping Length for all rooms	ft (m)	196.8 / (60)
Max. Piping Length for one IDU	ft (m)	98.4 / (30)
Max. Height Difference of IDU and ODU	ft (m)	49.2 / (15)
Refrigerant Pre-charged Amt.	oz/g	61.73 / (1.75)
Refrigerant Precharge Length	(oz/ft)/(g/m)	24.6 / (7.5) x 3
Additional Charge of Refrigerant (Φ6.35 (1/4") liquid pipe)	(oz/ft)/(g/m)	0.16 / (15)
Additional Charge of Refrigerant (Φ9.52 (3/8") liquid pipe)	(oz/ft)/(g/m)	0.32 / (30)
Connection Method		Flared

EFFICIENCY

Cooling		Heating	
SEER2	25.1	HSPF2-4	9.8
EER2	14	COP	3.8

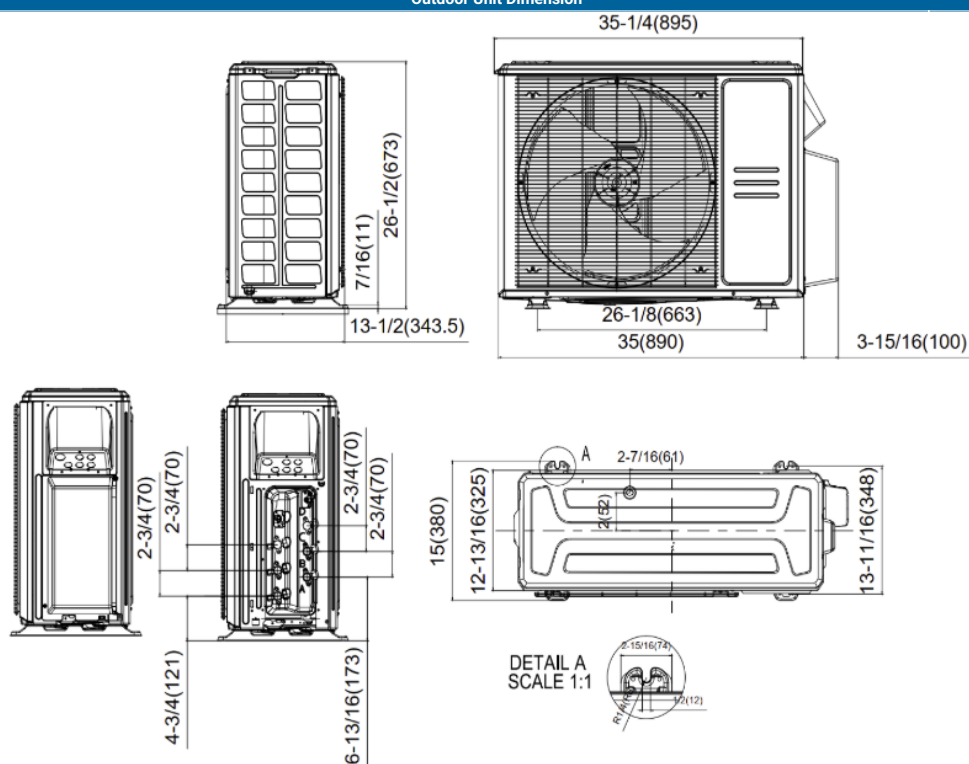
PERFORMANCE of Cooling

Cooling (Btu/hr)		
Rated Capacity	18000	
Min/Max Capacity	5400	21600
Moisture Removal(L/h)	0.2	
Standard Operating Range(°F/°C)	-13 ~ 122	-25 ~ 50
Conditions:	Indoor: 80°F DB/67°F WB	
	Outdoor: 95°F DB/75°F WB	

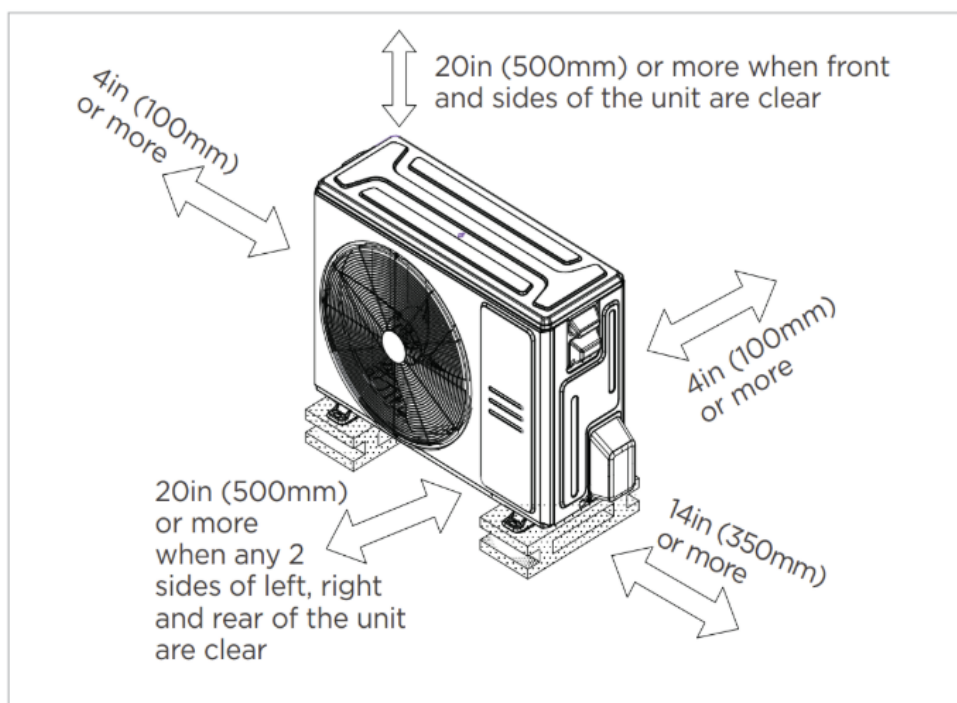
PERFORMANCE of Heating

Heating (Btu/hr)		
1. @ 47°F Rated	19000	
1. @ 47°F Min/Max Capacity	5700	21600
2. @ 17°F Rated	13600	
3. @ 5°F Rated: Capacity / COP	13500	2.3
3. @ 5°F Max: Capacity	13500	
Standard Operating Range(°F/°C)	-13 ~ 75	-25 ~ 24
1. Conditions:	Indoor: 70°F DB/60°F WB	
	Outdoor: 47°F DB/43°F WB	
2. Conditions:	Indoor: 70°F DB/60°F WB	
	Outdoor: 17°F DB/15°F WB	
3. Conditions	Indoor: 70°F DB/60°F WB	
	Outdoor: 5°F DB/5°F WB	

Outdoor Unit Dimension



Installation Instruction



☒ Meets all spatial requirements shown in Installation Clearance Requirements above.



Submittal Data Sheet

Series Name: Olympus Multi-Zone Series
Model Number: MULTI4-27HP230C-O

High Wall Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



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OUTDOOR SPECIFICATION

Compressor Type		ROTARY
Compressor Model		KTM240D46UKT2
Refrigerant Type		R454B
Refrigerant Oil Charge	mL	620
Refrigerant Oil		VG74
Outdoor Air Flow (Max)	CFM	2130.7
Outdoor Noise Level	dB(A)	61
Dimension (WxDxH)	inch	37.24 x 16.14 x 31.89
	mm	946 x 410 x 810
Package (WxDxH)	inch	42.91 x 19.68 x 34.84
	mm	1090 x 500 x 885
Net/Gross Weight	lbs	138.89 / 149.69
	kg	63.0 / 67.9

ELECTRICAL

Power Supply	V, Hz, Ph	208 / 230V, 60Hz, 1Ph
System MCA	A	23
Connection Wiring	-	14#4x4
System MOCP	A	25
Compressor RLA	A	12.1
Outdoor Fan Motor RLA	A	1.2
Outdoor Fan Motor	W	120
Indoor Fan Motor RLA	A	/
Indoor Fan Motor	W	/
System Power Input @ Cooling	W	2076 / (500~2730)
System Power Input @ Heating	W	2080 / (500~2400)

EFFICIENCY

Cooling		Heating	
SEER2	25	HSPF2-4	9.5
EER2	13	COP	3.8

PERFORMANCE of Cooling

Cooling (Btu/hr)

Rated Capacity	27000	
Min/Max Capacity	7200	32000
Moisture Removal(L/h)	0.8	
Standard Operating Range(°F/°C)	-13 ~ 122	-25 ~ 50
Conditions:	Indoor: 80°F DB/67°F WB	
	Outdoor: 95°F DB/75°F WB	

PERFORMANCE of Heating

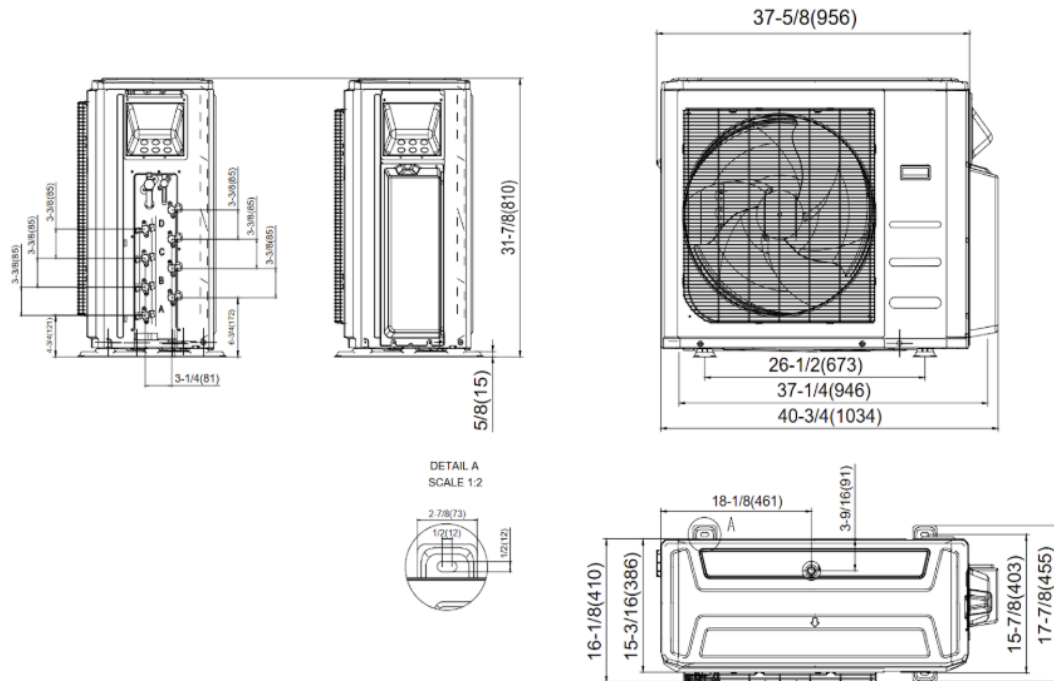
Heating (Btu/hr)

1. @ 47°F Rated	27000	
1. @ 47°F Min/Max Capacity	8400	29000
2. @ 17°F Rated	18400	
3. @ 5°F Rated: Capacity / COP	19000	2
3. @ 5°F Max: Capacity	19000	
Standard Operating Range(°F/°C)	-13 ~ 75	-25 ~ 24
1. Conditions:	Indoor: 70°F DB/60°F WB	
	Outdoor: 47°F DB/43°F WB	
2. Conditions:	Indoor: 70°F DB/60°F WB	
	Outdoor: 17°F DB/15°F WB	
3. Conditions	Indoor: 70°F DB/60°F WB	
	Outdoor: 5°F DB/5°F WB	

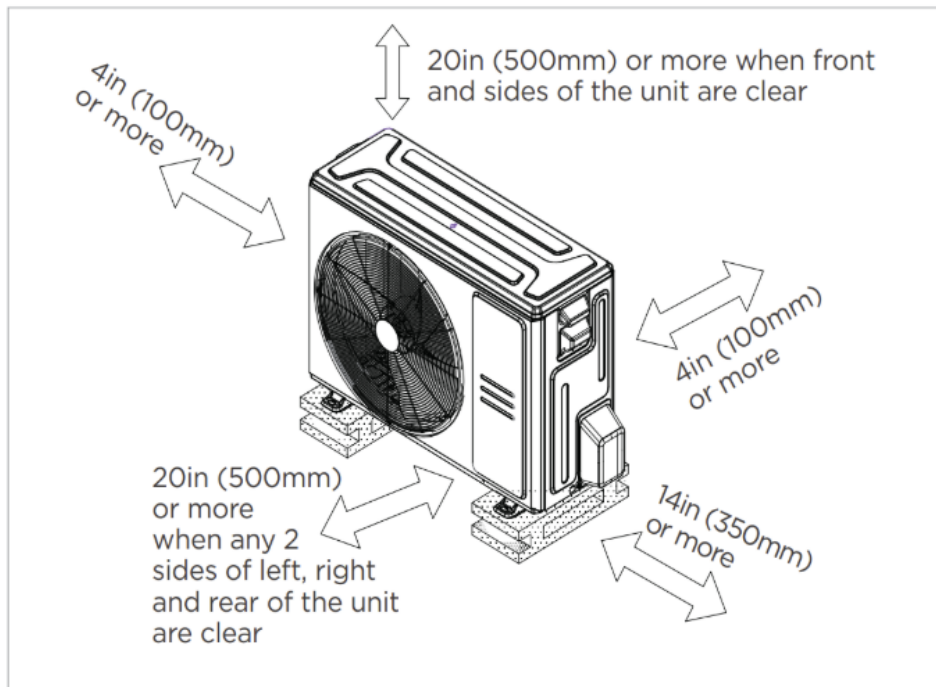
PIPING

Liquid Size	mm (in)	4 x 6.35mm (4 x 1/4in)
Gas Size	mm (in)	3 x 9.52mm + 1 x 12.7mm (3 x 3/8in + 1 x 1/2in)
Max. Piping Length for all rooms	ft (m)	262.4 / (80)
Max. Piping Length for one IDU	ft (m)	114.8 / (35)
Max. Height Difference of IDU and ODU	ft (m)	49.2 / (15)
Refrigerant Pre-charged Amt.	oz/g	84.66 / (2.4)
Refrigerant Precharge Length	(oz/ft)/(g/m)	24.6 (7.5) x 4
Additional Charge of Refrigerant (Φ6.35 (1/4") liquid pipe)	(oz/ft)/(g/m)	0.16 / (15)
Additional Charge of Refrigerant (Φ9.52 (3/8") liquid pipe)	(oz/ft)/(g/m)	0.32 (30)
Connection Method		Flared

Outdoor Unit Dimension



Installation Instruction



☒ Meets all spatial requirements shown in Installation Clearance Requirements above.



Submittal Data Sheet

Series Name: Olympus Multi-Zone Series
Model Number: MULTI5-36HP230C-O

High Wall Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



* Refer to AHRI for Certificates

OUTDOOR SPECIFICATION

Compressor Type		ROTARY
Compressor Model		KTF310D43UMT
Refrigerant Type		R454B
Refrigerant Oil Charge	mL	1000
Refrigerant Oil		VG74
Outdoor Air Flow (Max)	CFM	2148.4
Outdoor Noise Level	dB(A)	64.5
Dimension (WxDxH)	inch	37.24 x 16.14 x 31.89
	mm	946 x 410 x 810
Package (WxDxH)	inch	42.91 x 19.68 x 34.84
	mm	1090 x 500 x 885
Net/Gross Weight	lbs	168.87 / 180.12
	kg	76.6 / 81.7

ELECTRICAL

Power Supply	V, Hz, Ph	208 / 230V, 60Hz, 1Ph
System MCA	A	30.5
Connection Wiring	-	14#4x4
System MOCP	A	35
Compressor RLA	A	17
Outdoor Fan Motor RLA	A	1.3
Outdoor Fan Motor	W	120
Indoor Fan Motor RLA	A	/
Indoor Fan Motor	W	/
System Power Input @ Cooling	W	3000 / (600~4100)
System Power Input @ Heating	W	3098 / (600~3900)

PIPING

Liquid Size	mm (in)	5 x 6.35mm (5 x 1/4in)
Gas Size	mm (in)	4 x 9.52mm+1 x 12.7mm (4 x 3/8in+1 x 1/2in)
Max. Piping Length for all rooms	ft (m)	262.4 / (80)
Max. Piping Length for one IDU	ft (m)	114.8 / (35)
Max. Height Difference of IDU and ODU	ft (m)	49.2 / (15)
Refrigerant Pre-charged Amt.	oz/g	120.63 / (3.42)
Refrigerant Precharge Length	(oz/ft)/(g/m)	24.6 (7.5) x 5
Additional Charge of Refrigerant (Φ6.35 (1/4") liquid pipe)	(oz/ft)/(g/m)	0.16 / (15)
Additional Charge of Refrigerant (Φ9.52 (3/8") liquid pipe)	(oz/ft)/(g/m)	0.32 (30)
Connection Method		Flared

EFFICIENCY

Cooling		Heating	
SEER2	24	HSPF2-4	9.5
EER2	12	COP	3.5

PERFORMANCE of Cooling

Cooling (Btu/hr)

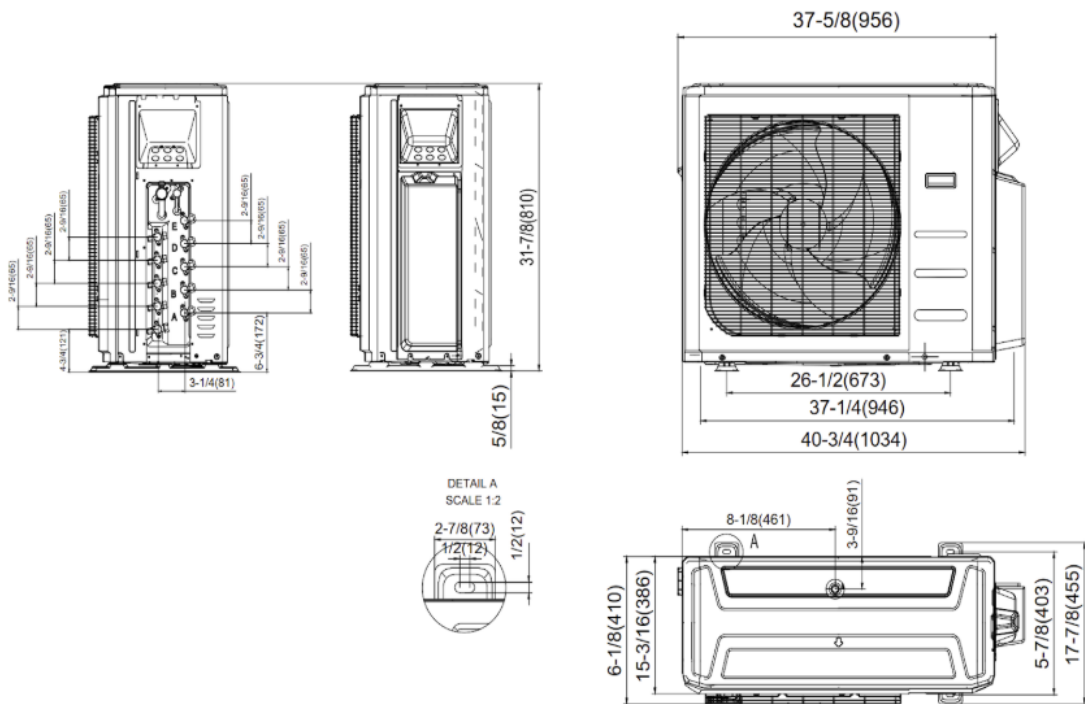
Rated Capacity	36000	
Min/Max Capacity	9000	42000
Moisture Removal(L/h)	0.1	
Standard Operating Range(°F/°C)	-13 ~ 122	-25 ~ 50
Conditions:	Indoor: 80°F DB/67°F WB	
	Outdoor: 95°F DB/75°F WB	

PERFORMANCE of Heating

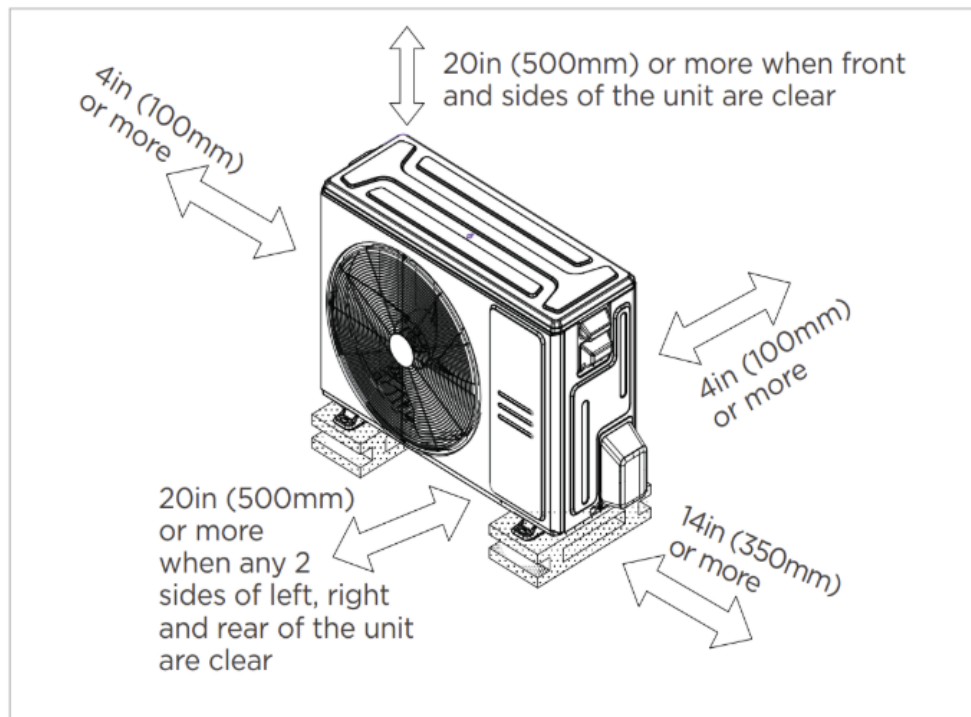
Heating (Btu/hr)

1. @ 47°F Rated	37000	
1. @ 47°F Min/Max Capacity	10000	42500
2. @ 17°F Rated	26600	
3. @ 5°F Rated: Capacity / COP	26000	2
3. @ 5°F Max: Capacity	26000	
Standard Operating Range(°F/°C)	-13 ~ 75	-25 ~ 24
1. Conditions:	Indoor: 70°F DB/60°F WB	
	Outdoor: 47°F DB/43°F WB	
2. Conditions:	Indoor: 70°F DB/60°F WB	
	Outdoor: 17°F DB/15°F WB	
3. Conditions	Indoor: 70°F DB/60°F WB	
	Outdoor: 5°F DB/5°F WB	

Outdoor Unit Dimension



Installation Instruction



☒ Meets all spatial requirements shown in Installation Clearance Requirements above.



Submittal Data Sheet

Series Name: Olympus Multi-Zone Series
Model Number: MULTI6-48HP230C-O

High Wall Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



* Refer to AHRI for Certificates

OUTDOOR SPECIFICATION

Compressor Type		ROTARY
Compressor Model		KTQ420D1UMU
Refrigerant Type		R454B
Refrigerant Oil Charge	mL	1400
Refrigerant Oil		VG74
Outdoor Air Flow (Max)	CFM	4502.8
Outdoor Noise Level	dBa	63
Dimension (WxDxH)	inch	37.48 x 16.34 x 52.48
	mm	952 x 415 x 1333
Package (WxDxH)	inch	43.11 x 19.49 x 58.27
	mm	1095 x 495 x 1480
Net/Gross Weight	lbs	222 / 254.19
	kg	100.7 / 115.3

ELECTRICAL

Power Supply	V, Hz, Ph	208 / 230V, 60Hz, 1Ph
System MCA	A	34
Connection Wiring	-	14#4x4
System MOCP	A	40
Compressor RLA	A	24
Outdoor Fan Motor RLA	A	2.5
Outdoor Fan Motor	W	85
Indoor Fan Motor RLA	A	/
Indoor Fan Motor	W	/
System Power Input @ Cooling	W	3764 / (800~5800)
System Power Input @ Heating	W	3702 / (800~5200)

EFFICIENCY

Cooling		Heating	
SEER2	24	HSPF2-4	10.3
EER2	12.5	COP	3.8

PERFORMANCE of Cooling

Cooling (Btu/hr)

Rated Capacity	47000	
Min/Max Capacity	12000	55000
Moisture Removal(L/h)	3.3	
Standard Operating Range(°F/°C)	-13 ~ 122	-25 ~ 50
Conditions:	Indoor: 80°F DB/67°F WB	
	Outdoor: 95°F DB/75°F WB	

PERFORMANCE of Heating

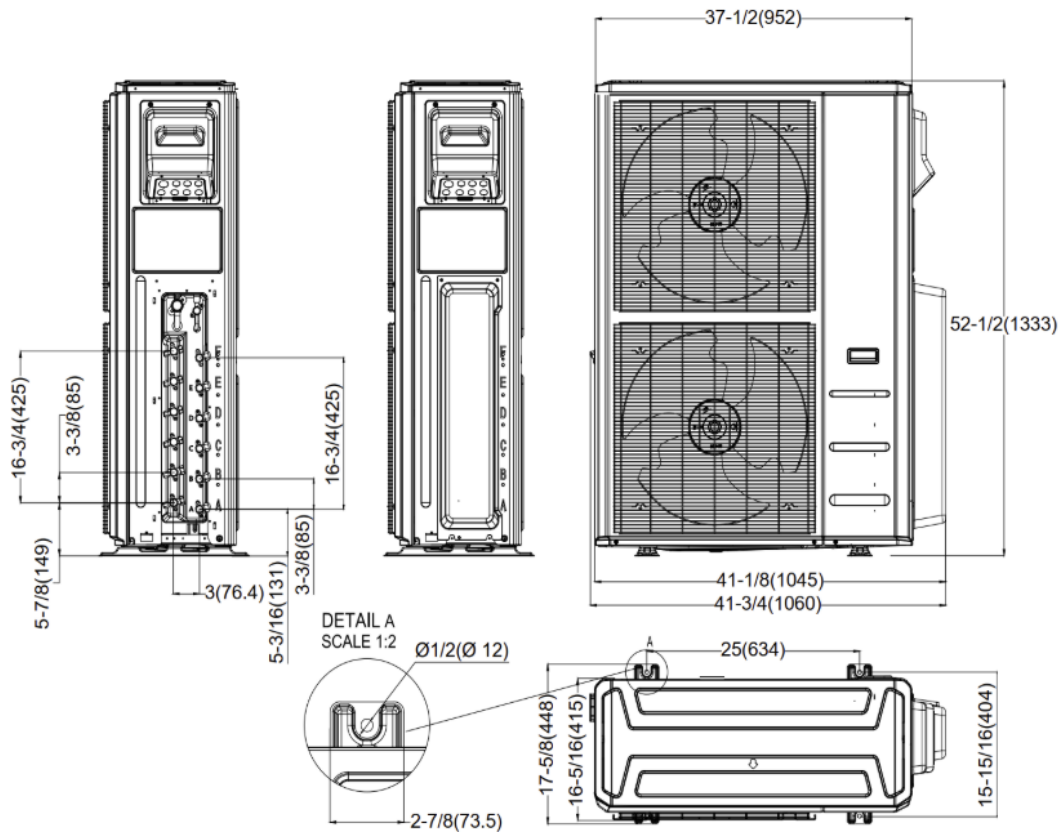
Heating (Btu/hr)

1. @ 47°F Rated	48000	
1. @ 47°F Min/Max Capacity	13000	53000
2. @ 17°F Rated	38000	
3. @ 5°F Rated: Capacity / COP	36000	2
3. @ 5°F Max: Capacity	36000	
Standard Operating Range(°F/°C)	-13 ~ 75	-25 ~ 24
1. Conditions:	Indoor: 70°F DB/60°F WB	
	Outdoor: 47°F DB/43°F WB	
2. Conditions:	Indoor: 70°F DB/60°F WB	
	Outdoor: 17°F DB/15°F WB	
3. Conditions	Indoor: 70°F DB/60°F WB	
	Outdoor: 5°F DB/5°F WB	

PIPING

Liquid Size	mm (in)	6 x 6.35mm (6 x 1/4in)
Gas Size	mm (in)	4 x 9.52mm+2 x 12.7mm (4 x 3/8in+2 x 1/2in)
Max. Piping Length for all rooms	ft (m)	262.4 / (80)
Max. Piping Length for one IDU	ft (m)	114.8 / (35)
Max. Height Difference of IDU and ODU	ft (m)	49.2 / (15)
Refrigerant Pre-charged Amt.	oz/g	148.15 / (4.2)
Refrigerant Precharge Length	(oz/ft)/(g/m)	24.6 (7.5) x 6
Additional Charge of Refrigerant (Φ6.35 (1/4") liquid pipe)	(oz/ft)/(g/m)	0.16 / (15)
Additional Charge of Refrigerant (Φ9.52 (3/8") liquid pipe)	(oz/ft)/(g/m)	0.32 (30)
Connection Method		Flared

Outdoor Unit Dimension



Installation Instruction

