



Submittal Data Sheet

Series Name: Central Ducted Hyper Heat
Model Number: CENTRAL-24-HP-C-230B00-O / MVP-24-HP-MUAH-230A00-O

High Wall Heat Pump System

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



* Refer to AHRI for Certificates

INDOOR SPECIFICATION		
ESP	in.W.G.	0-0.8
Indoor Air Flow (Turbo/H/M/L/Si)	CFM	824/759.3/694.5/629.8/N/A
Indoor Noise Level (Turbo/H/M/L/Si)	dBA	N/A/44/42/28/N/A
Dimension (WxDxH)	inch	21.02 x 17.52 x 45
	mm	534 x 445 x 1143
Package (WxDxH)	inch	26.57 x 20.87 x 48.62
	mm	675 x 530 x 1235
Net/Gross Weight	lbs	105.6/127.43
	kg	47.9/57.8

OUTDOOR SPECIFICATION		
Compressor Type		ROTARY
Compressor Model		KTM240D46UKT2
Refrigerant Type		R454B
Refrigerant Oil Charge	mL	620
Refrigerant Oil		VG74
Outdoor Air Flow (Max)	CFM	1765.7
Outdoor Noise Level	dBA	60
Dimension (WxDxH)	inch	35.04 x 13.46 x 26.50
	mm	890 x 342 x 673
Package (WxDxH)	inch	39.17 x 15.67 x 29.13
	mm	995 x 398 x 740
Net/Gross Weight	lbs	102.29/109.13
	kg	46.4/49.5

EFFICIENCY			
Cooling		Heating	
SEER2	18.3	HSPF2-4	10
EER2	11.7	COP	3.33

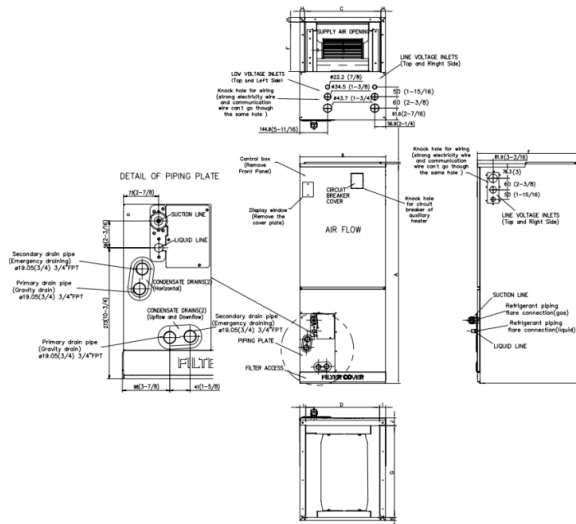
PERFORMANCE of Cooling		
Cooling (Btu/hr)		
Rated Capacity	23000	
Min/Max Capacity	7200	27000
Moisture Removal(L/h)	2.05	
Standard Operating Range(°F/°C)	-22~122 (-30~50)	
	Indoor: 80°F DB/67°F WB	
Conditions:	Outdoor: 95°F DB/75°F WB	

PERFORMANCE of Heating		
Heating (Btu/hr)		
1. @ 47°F Rated	24000	
1. @ 47°F Min/Max Capacity	7100	30000
2. @ 17°F Rated	20000	
3. @ 5°F Rated: Capacity / COP	21600	1.87
3. @ 5°F Max: Capacity	21600	
Standard Operating Range(°F/°C)	-22~75 (-30~24)	
	Indoor: 70°F DB/60°F WB	
1. Conditions:	Outdoor: 47°F DB/43°F WB	
	Indoor: 70°F DB/60°F WB	
2. Conditions:	Outdoor: 17°F DB/15°F WB	
	Indoor: 70°F DB/60°F WB	
3. Conditions	Outdoor: 5°F DB/5°F WB	
	Indoor: 70°F DB/60°F WB	

ELECTRICAL		
Power Supply	V, Hz, Ph	115/208/230V, 60Hz, 1Ph
Indoor MCA 115V/(208/230V)	A	5.5/4
Indoor MOP	A	15
Outdoor Power Supply	V	208/230V, 60Hz, 1Ph
Outdoor MCA	A	19
Outdoor MOP	A	20
Communication Wiring	AWG	20-2
Compressor RLA	A	14
Outdoor Fan Motor RLA	A	1
Outdoor Fan Motor	W	80
Indoor Fan Motor RLA	A	3
Indoor Fan Motor	W	250
System Power Input @ Cooling	W	1965 (530~2870)
System Power Input @ Heating	W	2112 (440~2730)

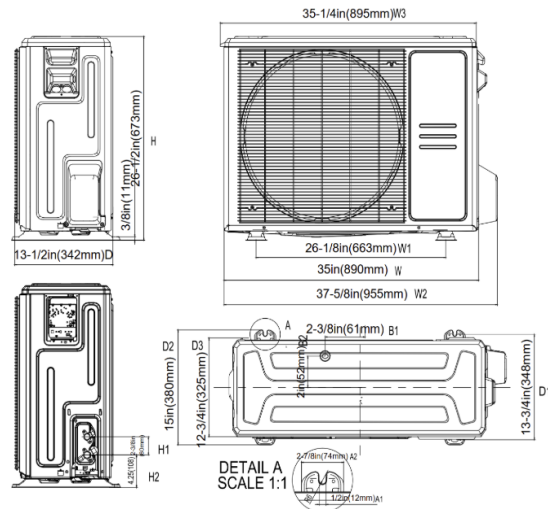
PIPING		
Throttle Type	Indoor	EXV
Throttle Type	Outdoor	EXV
Liquid Size	mm (in)	9.52mm (3/8in)
Gas Size	mm (in)	19mm (3/4in)
Max. Piping Length	ft (m)	164 (50)
Max. Height Difference	ft (m)	82 (25)
Max. Pre-charged Length	ft (m)	24.6 (7.5)
Refrigerant Pre-charged Amt.	oz/g	74.08 (2.1)
Additional Charge of Refrigerant	(oz/ft)/(g/m)	0.7 (65)
Connection Method	Flare or Quick Connect	

Indoor Unit Dimension

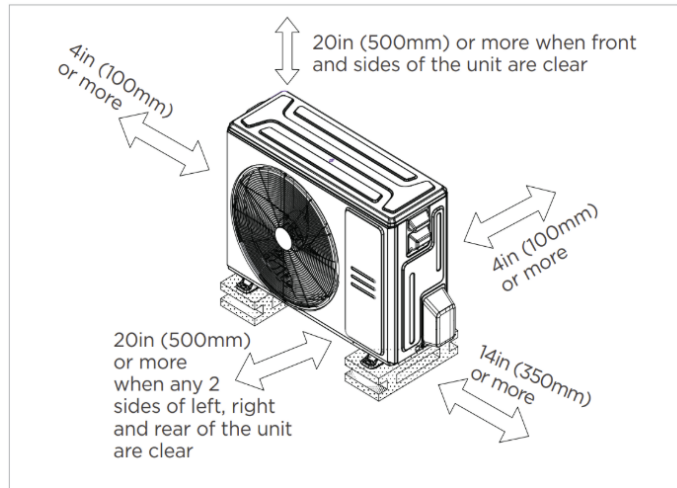


Dimensions	Model	18K/24K		30K/36K		48K/60K	
		inch	mm	inch	mm	inch	mm
A	Model Height	45	1143	49	1245	53	1346
B	Model Width	17-1/2	445	21	534	24-1/2	622
C	Supply Air Opening Width	15-5/8	397	19-1/8	486	22-5/8	575
D	Return Air Opening Width	15-1/8	384	18-5/8	473	22-1/8	562
E	Model Depth	21	534	21	534	21	534
F	Supply Air Opening Depth	10-1/4	260	10-1/4	260	10-1/4	260
G	Return Air Opening Depth	18-3/4	476	18-3/4	476	18-3/4	476
H	Supply Air Opening Clearance	15/16	24	15/16	24	15/16	24
I	Return Air Opening Side Clearance	1-1/4	32	1-1/4	32	1-1/8	28
J	Return Air Opening Front Clearance	1-1/2	38	1-5/8	41	1-5/8	41
K	Return Air Opening Back Clearance	5/8	16	5/8	16	3/4	19

Outdoor Unit Dimension

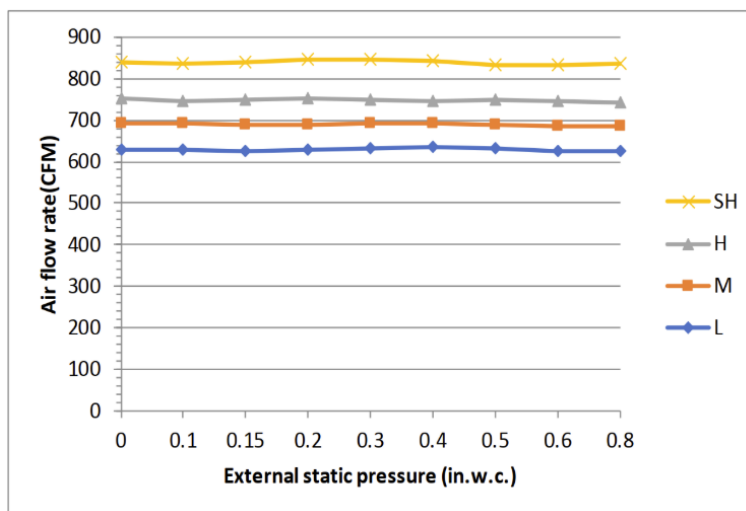


Installation Instruction



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

Fan Performance For Indoor Unit



Features

- Multi-position installation: horizontal(left or right), vertical(up or down)

- Aluminum Coil
- Constantly Air Flow system up to 0.80 In.W.G
- 1 inch R4.2 fiberglass free insulation reduces condensation and boosts efficiency
- Optional Auxiliary heat kit up to 20kW
- Easy Maintenance
- Control options available:
 - MRCOOL Smart 24V Thermostat
- Adaptive Control System
- High efficiency up to 19 SEER2, 12.5 EER2, 10.3 HSPF2
- 100% heat output at -4F*
- Chassis heater and crankcase heater equipped as standard



Submittal Data Sheet

Series Name: Central Ducted Hyper Heat
Model Number: CENTRAL-30-HP-C-230B00-O / MVP-30-HP-MUAH-230A00-O

High Wall Heat Pump System

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



* Refer to AHRI for Certificates

INDOOR SPECIFICATION		
ESP	in.W.G.	0-0.8
Indoor Air Flow (Turbo/H/M/L/Si)	CFM	988.8/894.7/806.4/712.2/N/A
Indoor Noise Level (Turbo/H/M/L/Si)	dBA	47/46/43/27.5/N/A
Dimension (WxDxH)	inch	21.02 x 21.02 x 49.02
	mm	534 x 534 x 1245
Package (WxDxH)	inch	26.57 x 24.41 x 52.56
	mm	675 x 620 x 1335
Net/Gross Weight	lbs	128.97/153.44
	kg	58.5/69.6

OUTDOOR SPECIFICATION		
Compressor Type		ROTARY
Compressor Model		MTH356UKRC8FQL
Refrigerant Type		R454B
Refrigerant Oil Charge	mL	1300
Refrigerant Oil		HAF68D1A
Outdoor Air Flow (Max)	CFM	3001.8
Outdoor Noise Level	dBA	60.5
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	164.02/174.6
	kg	74.4/79.2

EFFICIENCY			
Cooling		Heating	
SEER2	16.8	HSPF2-4	10
EER2	11.7	COP	3.65

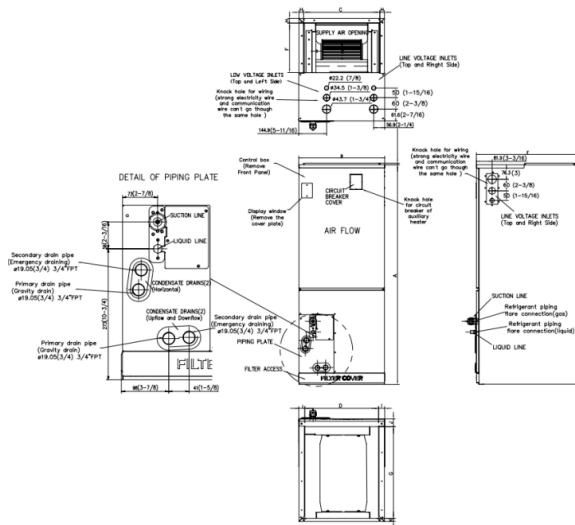
PERFORMANCE of Cooling		
Cooling (Btu/hr)		
Rated Capacity	30000	
Min/Max Capacity	12800	39000
Moisture Removal(L/h)	2.77	
Standard Operating Range(°F/°C)	-22~122 (-30~50)	
Conditions:	Indoor: 80°F DB/67°F WB	
	Outdoor: 95°F DB/75°F WB	

PERFORMANCE of Heating		
Heating (Btu/hr)		
1. @ 47°F Rated	34000	
1. @ 47°F Min/Max Capacity	10300	38500
2. @ 17°F Rated	23800	
3. @ 5°F Rated: Capacity / COP	32600	1.96
3. @ 5°F Max: Capacity	32600	
Standard Operating Range(°F/°C)	-22~75 (-30~24)	
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	

ELECTRICAL		
Power Supply	V, Hz, Ph	115/208/230V, 60Hz, 1Ph
Indoor MCA 115V/(208/230V)	A	8/6
Indoor MOP	A	15
Outdoor Power Supply	V	208/230V, 60Hz, 1Ph
Outdoor MCA	A	29.5
Outdoor MOP	A	30
Communication Wiring	AWG	20-2
Compressor RLA	A	22.4
Outdoor Fan Motor RLA	A	1.5
Outdoor Fan Motor	W	120
Indoor Fan Motor RLA	A	4.5
Indoor Fan Motor	W	375
System Power Input @ Cooling	W	2567 (850~3620)
System Power Input @ Heating	W	2790 (655~3020)

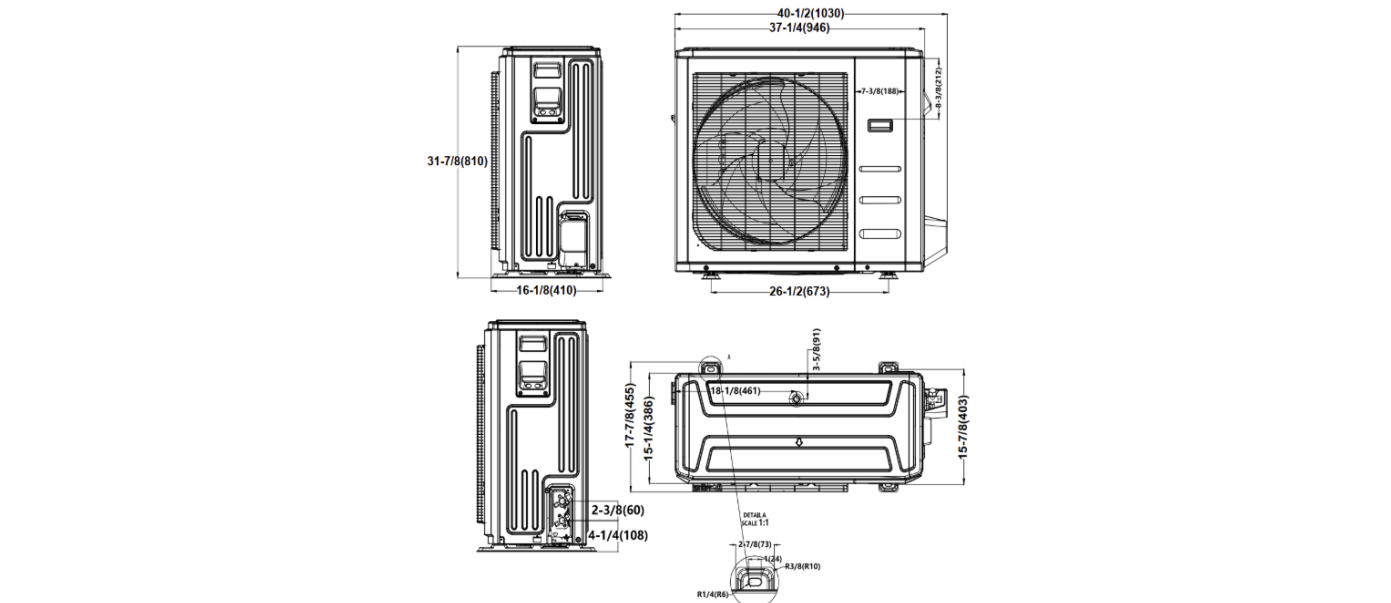
PIPING		
Throttle Type	Indoor	EXV
Throttle Type	Outdoor	EXV
Liquid Size	mm (in)	9.52mm (3/8in)
Gas Size	mm (in)	19mm (3/4in)
Max. Piping Length	ft (m)	164 (50)
Max. Height Difference	ft (m)	82 (25)
Max. Pre-charged Length	ft (m)	24.6 (7.5)
Refrigerant Pre-charged Amt.	oz/g	105.82 (3)
Additional Charge of Refrigerant	(oz/ft)/(g/m)	0.7 (65)
Connection Method	Flare or Quick Connect	

Indoor Unit Dimension

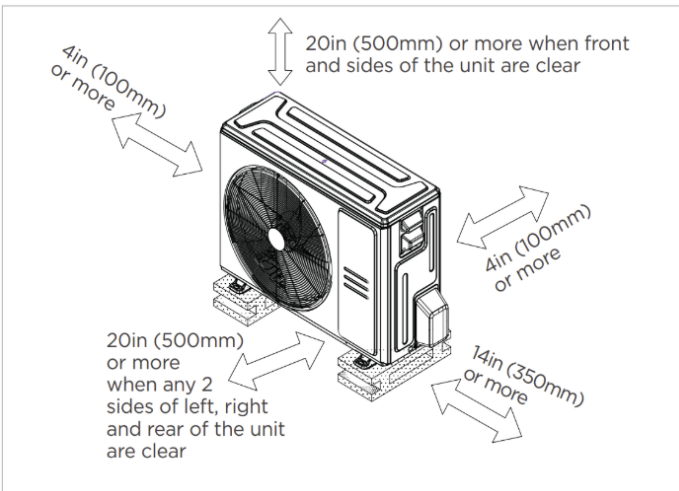


Dimensions	Model	18K/24K		30K/36K		48K/60K	
		inch	mm	inch	mm	inch	mm
A	Model Height	45	1143	49	1245	53	1346
B	Model Width	17-1/2	445	21	534	24-1/2	622
C	Supply Air Opening Width	15-5/8	397	19-1/8	486	22-5/8	575
D	Return Air Opening Width	15-1/8	384	18-5/8	473	22-1/8	562
E	Model Depth	21	534	21	534	21	534
F	Supply Air Opening Depth	10-1/4	260	10-1/4	260	10-1/4	260
G	Return Air Opening Depth	18-3/4	476	18-3/4	476	18-3/4	476
H	Supply Air Opening Clearance	15/16	24	15/16	24	15/16	24
I	Return Air Opening Clearance	1-1/4	32	1-1/4	32	1-1/8	28
J	Return Air Opening Front Clearance	1-1/2	38	1-5/8	41	1-5/8	41
K	Return Air Opening Back Clearance	5/8	16	5/8	16	3/4	19

Outdoor Unit Dimension

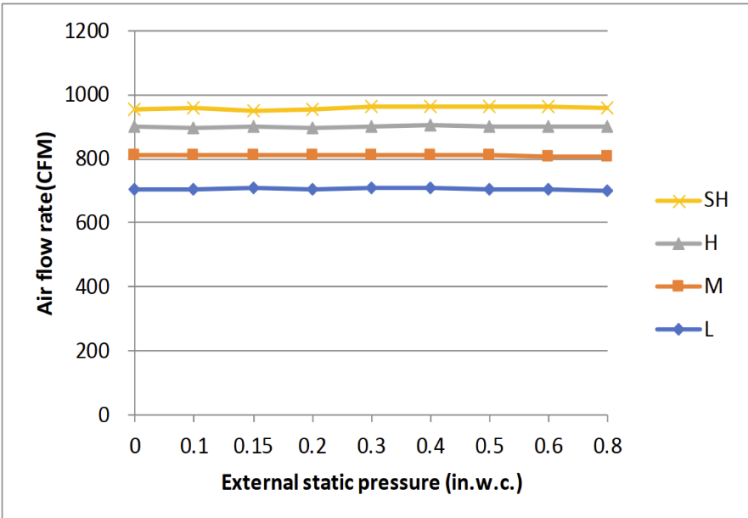


Installation Instruction



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

Fan Performance For Indoor Unit



Features

- Multi-position installation: horizontal(left or right), vertical(up or down)
- Aluminum Coil
- Constantly Air Flow system up to 0.80 In.W.G
- 1 inch R4.2 fiberglass free insulation reduces condensation and boosts efficiency
- Optional Auxiliary heat kit up to 20kW
- Easy Maintenance
- Control options available:
 - MRCOOL Smart 24V Thermostat
- Adaptive Control System
- High efficiency up to 19 SEER2, 12.5 EER2, 10.3 HSPF2
- 100% heat output at -4F*
- Chassis heater and crankcase heater equipped as standard



Submittal Data Sheet

Series Name: Central Ducted Hyper Heat
Model Number: CENTRAL-36-HP-C-230B00-O / MVP-36-HP-MUAH-230A00-O

High Wall Heat Pump System

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



* Refer to AHRI for Certificates

INDOOR SPECIFICATION		
ESP	in.W.G.	0-0.8
Indoor Air Flow (Turbo/H/M/L/Si)	CFM	1189/1083/971.2/865.2/N/A
Indoor Noise Level (Turbo/H/M/L/Si)	dBA	49/48/45.5/25.5/N/A
Dimension (WxDxH)	inch	21.02 x 21.02 x 49.02
	mm	534 x 534 x 1245
Package (WxDxH)	inch	26.57 x 24.41 x 52.56
	mm	675 x 620 x 1335
Net/Gross Weight	lbs	129.41/153.88
	kg	58.7/69.8

OUTDOOR SPECIFICATION		
Compressor Type		TWIN-ROTARY
Compressor Model		EKPQ420D1UMUA
Refrigerant Type		R454B
Refrigerant Oil Charge	mL	1460
Refrigerant Oil		VG75
Outdoor Air Flow (Max)	CFM	3001.8
Outdoor Noise Level	dBA	62.5
Dimension (WxDxH)	inch	38.58 x 16.34 x 38.39
	mm	980 x 415 x 975
Package (WxDxH)	inch	45.08 x 19.68 x 42.52
	mm	1145 x 500 x 1080
Net/Gross Weight	lbs	204.15/235.23
	kg	92.6/106.7

EFFICIENCY			
Cooling		Heating	
SEER2	17.4	HSPF2-4	10.2
EER2	11.7	COP	3.6

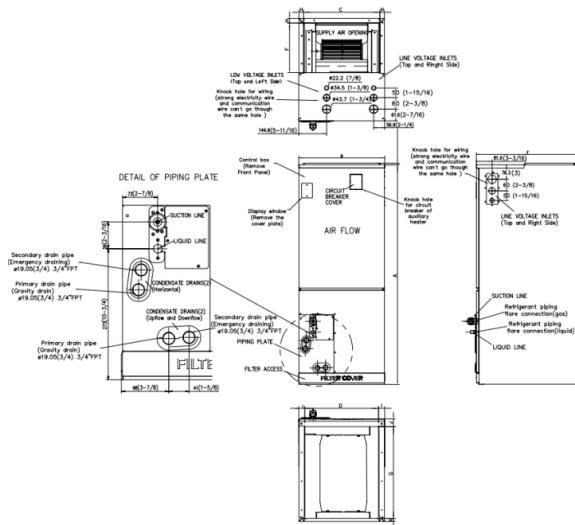
PERFORMANCE of Cooling		
Cooling (Btu/hr)		
Rated Capacity	36000	
Min/Max Capacity	9700	42000
Moisture Removal(L/h)	3.4	
Standard Operating Range(°F/°C)	-22~122 (-30~50)	
	Indoor: 80°F DB/67°F WB	
Conditions:	Outdoor: 95°F DB/75°F WB	

PERFORMANCE of Heating		
Heating (Btu/hr)		
1. @ 47°F Rated	37000	
1. @ 47°F Min/Max Capacity	11000	48000
2. @ 17°F Rated	31800	
3. @ 5°F Rated: Capacity / COP	39000	1.9
3. @ 5°F Max: Capacity	39000	
Standard Operating Range(°F/°C)	-22~75 (-30~24)	
	Indoor: 70°F DB/60°F WB	
1. Conditions:	Outdoor: 47°F DB/43°F WB	
	Indoor: 70°F DB/60°F WB	
2. Conditions:	Outdoor: 17°F DB/15°F WB	
	Indoor: 70°F DB/60°F WB	
3. Conditions	Outdoor: 5°F DB/5°F WB	
	Indoor: 70°F DB/60°F WB	

ELECTRICAL		
Power Supply	V, Hz, Ph	115/208/230V, 60Hz, 1Ph
Indoor MCA 115V/(208/230V)	A	8/6
Indoor MOP	A	15
Outdoor Power Supply	V	208/230V, 60Hz, 1Ph
Outdoor MCA	A	29
Outdoor MOP	A	30
Communication Wiring	AWG	20-2
Compressor RLA	A	20.5
Outdoor Fan Motor RLA	A	2.4
Outdoor Fan Motor	W	250
Indoor Fan Motor RLA	A	4.5
Indoor Fan Motor	W	375
System Power Input @ Cooling	W	3076 (820~4440)
System Power Input @ Heating	W	3012 (665~4370)

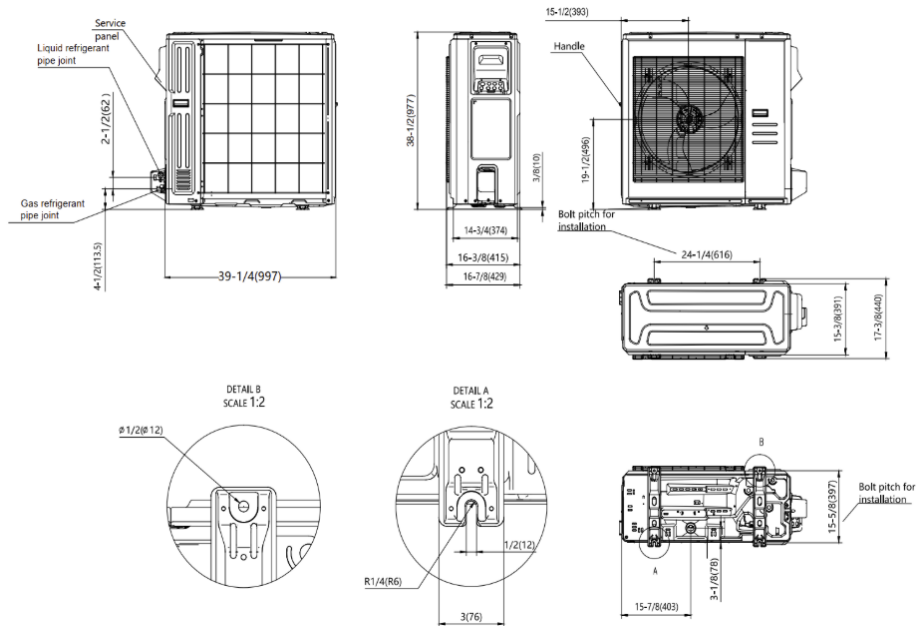
PIPING		
Throttle Type	Indoor	EXV
Throttle Type	Outdoor	EXV
Liquid Size	mm (in)	9.52mm (3/8in)
Gas Size	mm (in)	19mm (3/4in)
Max. Piping Length	ft (m)	246 (75)
Max. Height Difference	ft (m)	98.4 (30)
Max. Pre-charged Length	ft (m)	24.6 (7.5)
Refrigerant Pre-charged Amt.	oz/g	126.99 (3.6)
Additional Charge of Refrigerant	(oz/ft)/(g/m)	0.7 (65)
Connection Method		Flare or Quick Connect

Indoor Unit Dimension

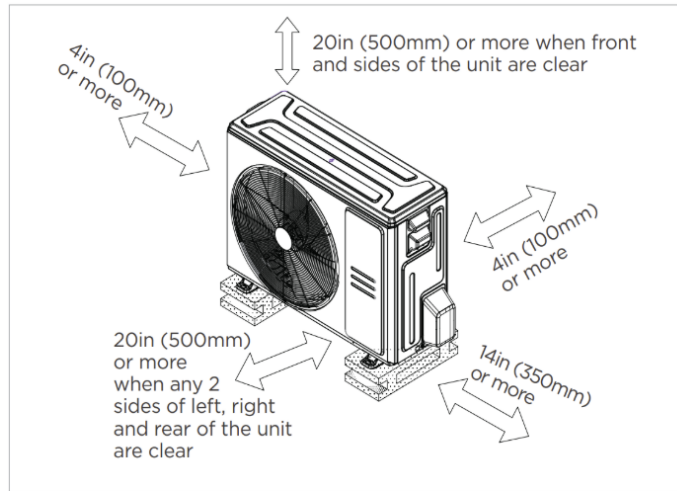


Dimensions	Model	18K/24K		30K/36K		48K/60K	
		inch	mm	inch	mm	inch	mm
A	Model Height	45	1143	49	1245	53	1346
B	Model Width	17-1/2	445	21	534	24-1/2	622
C	Supply Air Opening Width	15-5/8	397	19-1/8	486	22-5/8	575
D	Return Air Opening Width	15-1/8	384	18-5/8	473	22-1/8	562
E	Model Depth	21	534	21	534	21	534
F	Supply Air Opening Depth	10-1/4	260	10-1/4	260	10-1/4	260
G	Return air Opening Depth	18-3/4	476	18-3/4	476	18-3/4	476
H	Supply Air Opening Clearance	15/16	24	15/16	24	15/16	24
I	Return Air Opening Side Clearance	1-1/4	32	1-1/4	32	1-1/8	28
J	Return Air Opening Front Clearance	1-1/2	38	1-5/8	41	1-5/8	41
K	Return Air Opening Back Clearance	5/8	16	5/8	16	3/4	19

Outdoor Unit Dimension

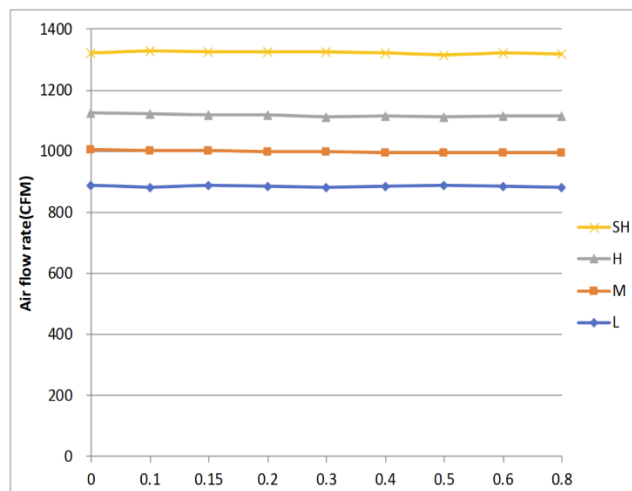


Installation Instruction



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

Fan Performance For Indoor Unit



External static pressure (in.w.c.)

Features

- Multi-position installation: horizontal(left or right), vertical(up or down)
- Aluminum Coil
- Constantly Air Flow system up to 0.80 In.W.G
- 1 inch R4.2 fiberglass free insulation reduces condensation and boosts efficiency
- Optional Auxiliary heat kit up to 20kW
- Easy Maintenance
- Control options available:
 - MRCOOL Smart 24V Thermostat
- Adaptive Control System
- High efficiency up to 19 SEER2, 12.5 EER2, 10.3 HSPF2
- 100% heat output at -4F*
- Chassis heater and crankcase heater equipped as standard



Submittal Data Sheet

Series Name: Central Ducted Hyper Heat
Model Number: CENTRAL-48-HP-C-230B00-O / MVP-48-HP-MUAH-230A00-O

High Wall Heat Pump System

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



* Refer to AHRI for Certificates

INDOOR SPECIFICATION		
ESP	in.W.G.	0-0.8
Indoor Air Flow (Turbo/H/M/L/Si)	CFM	1601/1471.5/1283.1/1094.8/N/A
Indoor Noise Level (Turbo/H/M/L/Si)	dBA	N/A/52/50/34/N/A
Dimension (WxDxH)	inch	21.02 x 24.49 x 52.99
	mm	534 x 622 x 1346
Package (WxDxH)	inch	27.95 x 26.77 x 56.5
	mm	710 x 680 x 1435
Net/Gross Weight	lbs	162.92/190.92
	kg	73.9/86.6

OUTDOOR SPECIFICATION		
Compressor Type		ROTARY
Compressor Model		MTH550UKPC8FU
Refrigerant Type		R454B
Refrigerant Oil Charge	mL	1800
Refrigerant Oil		HAF68D1C
Outdoor Air Flow (Max)	CFM	3037.1
Outdoor Noise Level	dBA	65
Dimension (WxDxH)	inch	38.58 x 16.34 x 38.39
	mm	980 x 415 x 975
Package (WxDxH)	inch	45.08 x 19.68 x 42.52
	mm	1145 x 500 x 1080
Net/Gross Weight	lbs	201.06/232.36
	kg	91.2/105.4

EFFICIENCY			
Cooling		Heating	
SEER2	16.5	HSPF2-4	9.5
EER2	10.5	COP	3.4

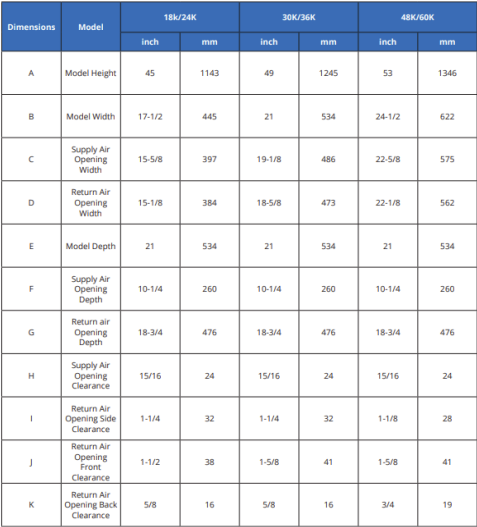
PERFORMANCE of Cooling		
Cooling (Btu/hr)		
Rated Capacity	48000	
Min/Max Capacity	15600	51000
Moisture Removal(L/h)	3.85	
Standard Operating Range(°F/°C)	-22~122 (-30~50)	
Conditions:	Indoor: 80°F DB/67°F WB	
	Outdoor: 95°F DB/75°F WB	

PERFORMANCE of Heating		
Heating (Btu/hr)		
1. @ 47°F Rated	50000	
1. @ 47°F Min/Max Capacity	15500	57300
2. @ 17°F Rated	37000	
3. @ 5°F Rated: Capacity / COP	46000	1.9
3. @ 5°F Max: Capacity	46000	
Standard Operating Range(°F/°C)	-22~75 (-30~24)	
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	

ELECTRICAL		
Power Supply	V, Hz, Ph	115/208/230V, 60Hz, 1Ph
Indoor MCA 115V/(208/230V)	A	14.5/11
Indoor MOP	A	15
Outdoor Power Supply	V	208/230V, 60Hz, 1Ph
Outdoor MCA	A	38
Outdoor MOP	A	40
Communication Wiring	AWG	20-2
Compressor RLA	A	28
Outdoor Fan Motor RLA	A	2
Outdoor Fan Motor	W	250
Indoor Fan Motor RLA	A	7.8
Indoor Fan Motor	W	750
System Power Input @ Cooling	W	4690 (1345~5180)
System Power Input @ Heating	W	4750 (1045~5200)

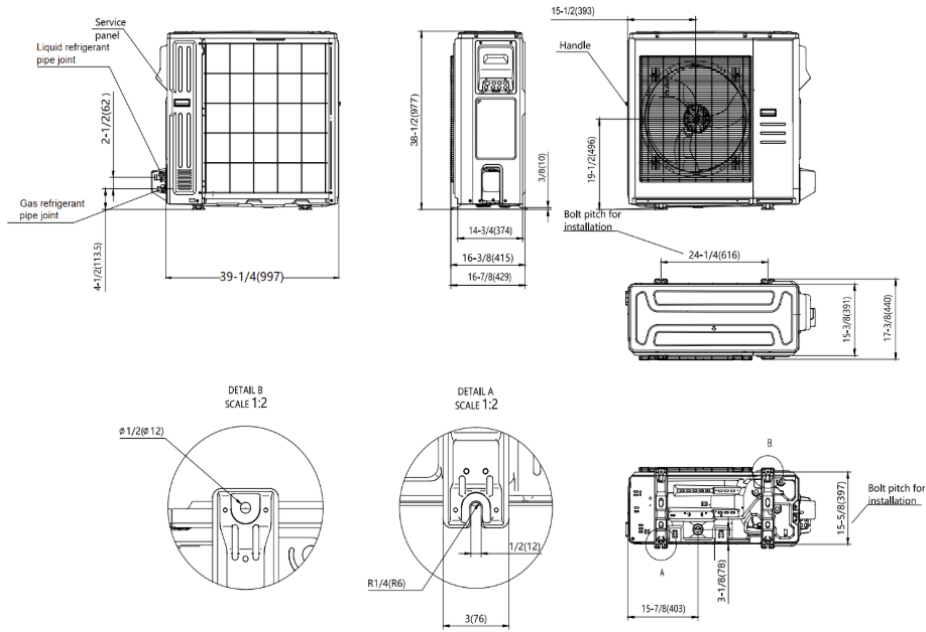
PIPING		
Throttle Type	Indoor	EXV
Throttle Type	Outdoor	EXV
Liquid Size	mm (in)	9.52mm (3/8in)
Gas Size	mm (in)	19mm (3/4in)
Max. Piping Length	ft (m)	246 (75)
Max. Height Difference	ft (m)	98.4 (30)
Max. Pre-charged Length	ft (m)	24.6 (7.5)
Refrigerant Pre-charged Amt.	oz/g	134.04 (3.8)
Additional Charge of Refrigerant	(oz/ft)/(g/m)	0.7 (65)
Connection Method	Flare or Quick Connect	

Indoor Unit Dimension

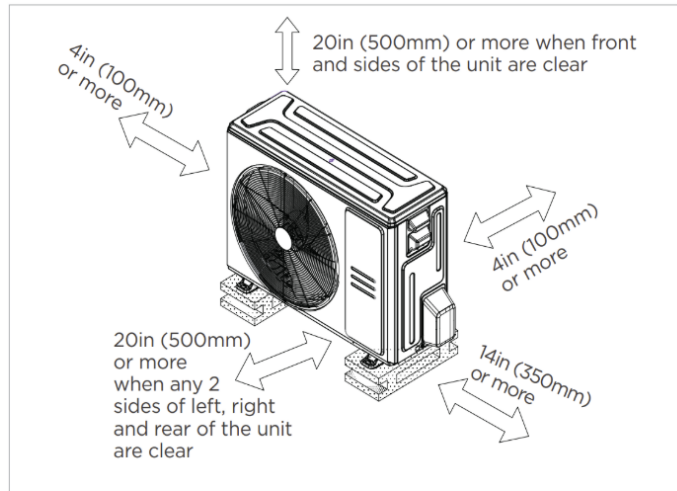


Dimensions	Model	18X/24K		30K/36K		48K/60K	
		inch	mm	inch	mm	inch	mm
A	Model Height	45	1143	49	1245	53	1346
B	Model Width	17-1/2	445	21	534	24-1/2	622
C	Supply Air Opening Width	15-5/8	397	19-1/8	486	22-5/8	575
D	Return Air Opening Width	15-1/8	384	18-5/8	473	22-1/8	562
E	Model Depth	21	534	21	534	21	534
F	Supply Air Opening Depth	10-1/4	260	10-1/4	260	10-1/4	260
G	Return air Opening Depth	18-3/4	476	18-3/4	476	18-3/4	476
H	Supply Air Opening Clearance	15/16	24	15/16	24	15/16	24
I	Return Air Opening Side Clearance	1-1/4	32	1-1/4	32	1-1/8	28
J	Return Air Opening Front Clearance	1-1/2	38	1-5/8	41	1-5/8	41
K	Return Air Opening Back Clearance	5/8	16	5/8	16	3/4	19

Outdoor Unit Dimension

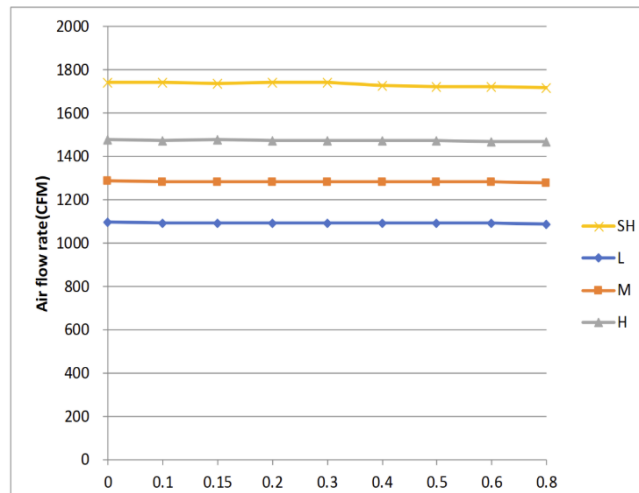


Installation Instruction



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

Fan Performance For Indoor Unit



External static pressure (in.w.c.)

Features

- Multi-position installation: horizontal(left or right), vertical(up or down)
- Aluminum Coil
- Constantly Air Flow system up to 0.80 In.W.G
- 1 inch R4.2 fiberglass free insulation reduces condensation and boosts efficiency
- Optional Auxiliary heat kit up to 20kW
- Easy Maintenance
- Control options available:
 - MRCOOL Smart 24V Thermostat
- Adaptive Control System
- High efficiency up to 19 SEER2, 12.5 EER2, 10.3 HSPF2
- 100% heat output at -4F*
- Chassis heater and crankcase heater equipped as standard



Submittal Data Sheet

Series Name: Central Ducted Hyper Heat
Model Number: CENTRAL-60-HP-C-230B00-O / MVP-60-HP-MUAH-230A00-O

High Wall Heat Pump System

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



* Refer to AHRI for Certificates

INDOOR SPECIFICATION		
ESP	in.W.G.	0-0.8
Indoor Air Flow (Turbo/H/M/L/Si)	CFM	1807/1583.3/1359.7/1136/N/A
Indoor Noise Level (Turbo/H/M/L/Si)	dBA	54.5/52/49.5/34.5/N/A
Dimension (WxDxH)	inch	21.02 x 24.49 x 52.99
	mm	534 x 622 x 1346
Package (WxDxH)	inch	27.95 x 26.77 x 56.5
	mm	710 x 680 x 1435
Net/Gross Weight	lbs	162.92/190.92
	kg	73.9/86.6

OUTDOOR SPECIFICATION		
Compressor Type		TWIN-ROTARY
Compressor Model		ETPQ480D66UMU1
Refrigerant Type		R454B
Refrigerant Oil Charge	mL	1300
Refrigerant Oil		VG75
Outdoor Air Flow (Max)	CFM	2648.6
Outdoor Noise Level	dBA	65
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	242.95/275.13
	kg	110.2/124.8

EFFICIENCY			
Cooling		Heating	
SEER2	16	HSPF2-4	9
EER2	10	COP	3.1

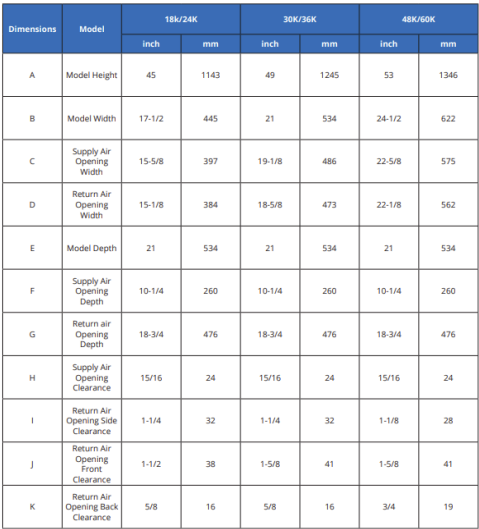
PERFORMANCE of Cooling		
Cooling (Btu/hr)		
Rated Capacity	54000	
Min/Max Capacity	11400	56300
Moisture Removal(L/h)	5.87	
Standard Operating Range(°F/°C)	-22~122 (-30~50)	
	Indoor: 80°F DB/67°F WB	
Conditions:	Outdoor: 95°F DB/75°F WB	

PERFORMANCE of Heating		
Heating (Btu/hr)		
1. @ 47°F Rated	56000	
1. @ 47°F Min/Max Capacity	8100	64500
2. @ 17°F Rated	45000	
3. @ 5°F Rated: Capacity / COP	52000	1.8
3. @ 5°F Max: Capacity	52000	
Standard Operating Range(°F/°C)	-22~75 (-30~24)	
	Indoor: 70°F DB/60°F WB	
1. Conditions:	Outdoor: 47°F DB/43°F WB	
	Indoor: 70°F DB/60°F WB	
2. Conditions:	Outdoor: 17°F DB/15°F WB	
	Indoor: 70°F DB/60°F WB	
3. Conditions	Outdoor: 5°F DB/5°F WB	
	Indoor: 70°F DB/60°F WB	

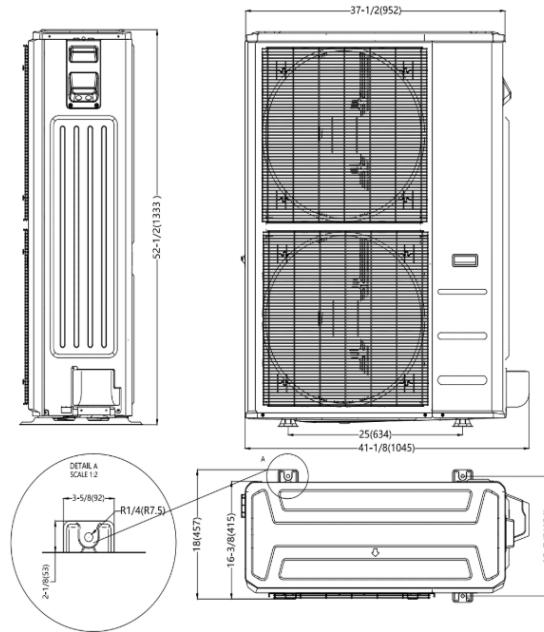
ELECTRICAL		
Power Supply	V, Hz, Ph	115/208/230V, 60Hz, 1Ph
Indoor MCA 115V/(208/230V)	A	14.5/11
Indoor MOP	A	15
Outdoor Power Supply	V	208/230V, 60Hz, 1Ph
Outdoor MCA	A	40
Outdoor MOP	A	40
Communication Wiring	AWG	20-2
Compressor RLA	A	31
Outdoor Fan Motor RLA	A	1.2
Outdoor Fan Motor	W	85
Indoor Fan Motor RLA	A	8.3
Indoor Fan Motor	W	750
System Power Input @ Cooling	W	5400 (1540~6430)
System Power Input @ Heating	W	5300 (725~5970)

PIPING		
Throttle Type	Indoor	EXV
Throttle Type	Outdoor	EXV
Liquid Size	mm (in)	9.52mm (3/8in)
Gas Size	mm (in)	19mm (3/4in)
Max. Piping Length	ft (m)	246 (75)
Max. Height Difference	ft (m)	98.4 (30)
Max. Pre-charged Length	ft (m)	24.6 (7.5)
Refrigerant Pre-charged Amt.	oz/g	183.42 (5.2)
Additional Charge of Refrigerant	(oz/ft)/(g/m)	0.7 (65)
Connection Method	Flare or Quick Connect	

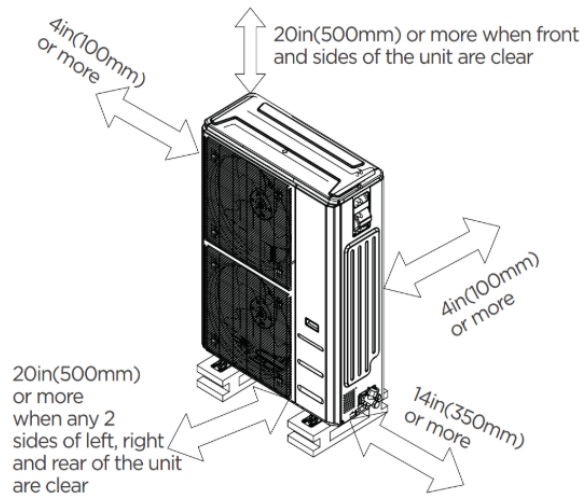
Indoor Unit Dimension



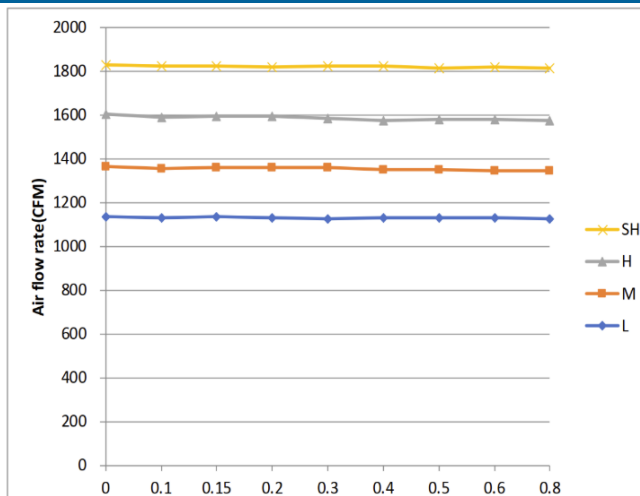
Outdoor Unit Dimension



Installation Instruction



Fan Performance For Indoor Unit



External static pressure (in.w.c.)

Features

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