

Haier

Submittals

FlexFit Multi Series

Rev. Dec. 2022



Outdoor

2U18MS2VHB
2U18MS2HDA
3U24MS2VHB
3U24MS2HDA
4U36MS2VHB
4U36MS2HDA
5U42MS2HDA

Indoor

AW07LC2VHB
AW09LC2VHB
AW12LC2VHB
AW18LC2VHB
AW24LP2VHA
AW07TC2HDA
AW09TC2HDA
AW12TC2HDA
AW18TC2HDA
AW24TC2HDA
AB09SC2VHA
AB12SC2VHA
AB18SC2VHA
AL24LP2VHA
AD07SL2VHB
AD09SL2VHB
AD12SL2VHB
AD18SL2VHB
AM24LP2VHA
USYM09UCDSA
USYM12UCDSA
USYM18UCDSA
USYM24UCDSA
USYF09UCDWA
USYF12UCDWA
USYF18UCDWA



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Revision History

Rev. Jan. 2017 - Submittal edition release.

Rev. Mar. 2017 - Heat capacity data updated to include -4°F (-20°C) outdoor DB

Rev. Mar. 2017.2 - 3U capacity correction (non-ducted heating: 17°F (-8°C); 4U capacity correction (ducted heating: 5°F (-15°C))

Rev. May 2017 - 2U/3U/4U capacity chart corrections. Added 14°F (-10°C) cooling capacities.

Rev. Sept 2017 - Corrected factory charge of 3U24MS2VHB to 67.0 oz.

Rev. April 2018 - Added Motor Ratings (all models), Condensate Pump Lift (AB09SC2VH*, AB12SC2VH*, AB18SC2VH*, AD07SL2VH*, AD09SL2VH*, AD12SL2VH*, AD18SL2VH*, AM24LP2VHA, AL24LP2VHA); Maximum ESP (AD07SL2VH*, AD09SL2VH*, AD12SL2VH*, AD18SL2VH*, AM24LP2VHA); Updated dimension diagrams (AB models, AL models, AD models, AM24LP2VHA)

Rev. May 2019 - Accessories & electrical requirement update.

Rev. Sept. 2019 - 4U36MS2VHB combination table updated.

Rev. Mar. 2020 - 2U18MS2VHB capacity correction.

Rev. June 2020 - Updated to include USYM Series & USYF series.

Rev. July 2020 - Added ODU floor mounting dimensions diagrams.

Rev. Aug 2020 - Correct vapor line size for USYM18UCDSA. Controller updates. Added matching tables.

Rev. Mar 2021 - AM24LP2VHA Image/description correction.

Rev. June 2022 - Addition of 2022 OD and ID highwall models.

Rev. Aug. 2022 - Controller updates.

Rev. Dec. 2022 - 5U42MS2HDA added.

Haier Matching Tables

2U18MS2VHB 2U18MS2HDA

- No adapters required/shipped with 2U Models

	Combinations	
	Port B	Port A
	Port Size: 1/4" x 3/8"	Port Size: 1/4" x 3/8"
Two Zone	7	7
	9	7
	9	9
	12	7
	12	9
	12	12

3U24MS2VHB (Ships with adapter D) 3U24MS2HDA (Ships with adapter D)

- No adapters required for Ports B, A

	Combinations			
	Port C		Port B	Port A
	Port Size: 1/4" x 3/8"	Required Adapter	Port Size: 1/4" x 3/8"	Port Size: 1/4" x 3/8"
Two Zone	7	-	7	---
	9	-	7	---
	9	-	9	---
	12	-	7	---
	12	-	9	---
	12	-	12	---
	18	D	7	---
	18	D	9	---
	18	D	12	---
Three Zone	7	-	7	7
	9	-	7	7
	9	-	9	7
	12	-	7	7
	9	-	9	9
	12	-	9	7
	12	-	9	9
	12	-	12	7
	18	D	7	7
	12	-	12	9

Adapters		GEA Part #
A	1/4" to 3/8"	WJ01X23925
B	3/8" to 5/8"	WJ01X23924
C	1/2" to 5/8"	WJ01X23932
D	3/8" to 1/2"	WJ01X26853
E	1/2" to 3/8"	WJ01X26854

4U36MS2VHB (Ships with adapter D and E) 4U36MS2HDA (Ships with adapter D and E)

- No adapters required for Ports B, A

	Combinations					
	Port D		Port C		Port B	Port A
	Port Size: 1/4" x 1/2"	Required Adapter*	Port Size: 1/4" x 3/8"	Required Adapter*	Port Size: 1/4" x 3/8"	Port Size: 1/4" x 3/8"
Two Zone	18	-	9	-	---	---
	18	-	12	-	---	---
	24	A, C	7	-	---	---
	24	A, C	9	-	---	---
	24	A, C	12	-	---	---
	18	-	18	D	---	---
	18	-	24	A, B D	---	---
	24	A, C	24	A, B D	---	---
Three Zone	9	E	9	-	9	---
	12	E	9	-	7	---
	12	E	9	-	9	---
	12	E	12	-	7	---
	18	-	7	-	7	---
	12	E	12	-	9	---
	18	-	9	-	7	---
	18	-	9	-	9	---
	12	E	12	-	12	---
	18	-	12	-	7	---
	24	A, C	7	-	7	---
	24	A, C	9	-	9	---
	24	A, C	9	-	7	---
	18	-	12	-	9	---
	24	A, C	12	-	12	---
	24	A, C	12	-	7	---
	24	A, C	12	-	9	---
	18	-	18	D	12	---
Four Zone	7	E	7	-	7	7
	9	E	7	-	7	7
	9	E	9	-	7	7
	12	E	7	-	7	7
	9	E	9	-	9	7
	12	E	9	-	7	7
	9	E	9	-	9	9
	12	E	9	-	9	7
	12	E	12	-	7	7
	12	E	9	-	9	9
	18	-	7	-	7	7
	12	E	12	-	9	7
	18	-	9	-	7	7
	12	E	12	-	9	9
	12	E	12	-	12	7
	18	-	9	-	9	7
	18	-	12	-	7	7
	24	A, C	7	-	7	7
	12	E	12	-	12	9
	24	A, C	9	-	7	7
	12	E	12	-	12	12
	18	-	12	-	9	9

*Models that may require adapters

All 7K, 9K, and 12K models require 1/4" liquid and 3/8" vapor linesets.

All 18K models require 1/4" liquid and 1/2" vapor linesets.

24K Model adapters vary. See color code:

 Required for the following models with 3/8" and 5/8" port:
AW24LP2VHA, USYM24UCDSA, USYL24UCDSA, AL24LP2VHA, AM24LP2VHA

 Required for the following model with 1/4" and 1/2" port:
AW24TC2HDA

Haier Matching Tables

5U42MS2HDA (Ships with two (2) adapter E)

- No adapters required for Ports B, A

Combinations							
Port E		Port D		Port C		Port B	Port A
Port Size: 1/4" x 1/2"	Required Adapter*	Port Size: 1/4" x 1/2"	Required Adapter*	Port Size: 1/4" x 3/8"	Required Adapter*	Port Size: 1/4" x 3/8"	Port Size: 1/4" x 3/8"
Two Zone	24k	A, C	-	-	7k	-	-
	18k	-	-	-	9k	-	-
	24k	A, C	-	-	9k	-	-
	18k	-	-	-	12k	-	-
	24k	A, C	-	-	12k	-	-
	18k	-	18k	-	-	-	-
	24k	A, C	-	18k	-	-	-
	24k	A, C	-	24k	A, C	-	-
Three Zone	18k	-	-	-	7k	-	7k
	24k	A, C	-	-	7k	-	7k
	12k	E	-	-	9k	-	7k
	18k	-	-	-	9k	-	7k
	24k	A, C	-	-	9k	-	7k
	12k	E	-	-	12k	-	7k
	18k	-	-	-	12k	-	7k
	24k	A, C	-	-	12k	-	7k
	18k	-	18k	-	7k	-	-
	24k	A, C	-	18k	-	-	-
	9k	E	-	-	9k	-	9k
	12k	E	-	-	9k	-	9k
	18k	-	-	-	9k	-	9k
	24k	A, C	-	-	9k	-	9k
	12k	E	-	-	12k	-	9k
	18k	-	-	-	12k	-	9k
	24k	A, C	-	-	12k	-	9k
	18k	-	18k	-	9k	-	-
	24k	A, C	-	18k	-	-	-
	12k	E	12k	E	12k	-	-
	18k	-	12k	E	12k	-	-
	24k	A, C	-	12k	E	-	-
	18k	-	18k	-	12k	-	-
	24k	A, C	-	18k	-	-	-
	18k	-	18k	-	18k	D	-
Four Zone	7k	E	-	-	7k	-	7k
	9k	E	-	-	7k	-	7k
	12k	E	-	-	7k	-	7k
	18k	-	-	-	7k	-	7k
	24k	A, C	-	-	7k	-	7k
	9k	E	-	-	9k	-	7k
	12k	E	-	-	9k	-	7k
	18k	-	-	-	9k	-	7k
	24k	A, C	-	-	9k	-	7k
	12k	E	-	-	12k	-	7k
	18k	-	-	-	12k	-	7k
	24k	A, C	-	-	12k	-	7k
	18k	-	18k	-	7k	-	-
	24k	A, C	-	18k	-	7k	-
	9k	E	-	-	9k	-	7k
	12k	E	-	-	9k	-	7k
	18k	-	-	-	9k	-	7k
	24k	A, C	-	-	9k	-	7k
	12k	E	-	-	12k	-	7k
	18k	-	-	-	12k	-	7k
	24k	A, C	-	-	12k	-	7k
	18k	-	18k	-	9k	-	-
	12k	E	-	-	12k	-	7k
	18k	-	-	-	12k	-	7k
	24k	A, C	-	-	12k	-	7k
	18k	-	18k	-	12k	-	7k
	9k	E	-	-	9k	-	9k
	12k	E	-	-	9k	-	9k
	18k	-	-	-	9k	-	9k
	24k	A, C	-	-	9k	-	9k
	12k	E	-	-	12k	-	9k
	18k	-	-	-	12k	-	9k
	24k	A, C	-	-	12k	-	9k
	18k	-	18k	-	9k	-	-
	12k	E	-	-	12k	-	9k
	18k	-	-	-	12k	-	9k
	12k	E	-	-	12k	-	12k
	18k	-	-	-	12k	-	12k
	18k	-	18k	-	12k	-	-

Combinations							
Port E		Port D		Port C		Port B	Port A
Port Size: 1/4" x 1/2"	Required Adapter*	Port Size: 1/4" x 1/2"	Required Adapter*	Port Size: 1/4" x 3/8"	Required Adapter*	Port Size: 1/4" x 3/8"	Port Size: 1/4" x 3/8"
7k	E	7k	E	7k	-	7k	7k
9k	E	7k	E	7k	-	7k	7k
12k	E	7k	E	7k	-	7k	7k
18k	-	7k	E	7k	-	7k	7k
9k	E	9k	E	7k	-	7k	7k
12k	E	9k	E	7k	-	7k	7k
18k	-	9k	E	7k	-	7k	7k
24k	A, C	-	7k	E	7k	-	7k
24k	A, C	-	9k	E	7k	-	7k
24k	A, C	-	9k	E	9k	-	7k
24k	A, C	-	9k	E	9k	-	9k
24k	A, C	-	12k	E	7k	-	7k
24k	A, C	-	12k	E	9k	-	7k
12k	E	12k	E	7k	-	7k	7k
18k	-	12k	E	7k	-	7k	7k
9k	E	9k	E	9k	-	7k	7k
12k	E	9k	E	9k	-	7k	7k
18k	-	9k	E	9k	-	7k	7k
12k	E	12k	E	9k	-	7k	7k
18k	-	12k	E	9k	-	7k	7k
12k	E	12k	E	12k	-	7k	7k
18k	-	12k	E	12k	-	7k	7k
9k	E	9k	E	9k	-	9k	7k
12k	E	9k	E	9k	-	9k	7k
18k	-	9k	E	9k	-	9k	7k
12k	E	12k	E	9k	-	9k	7k
18k	-	12k	E	12k	-	9k	7k
12k	E	12k	E	12k	-	12k	7k
9k	E	9k	E	9k	-	9k	9k
12k	E	9k	E	9k	-	9k	9k
18k	-	9k	E	9k	-	9k	9k
12k	E	12k	E	9k	-	9k	9k
18k	-	12k	E	12k	-	9k	9k
12k	E	12k	E	12k	-	12k	9k
12k	E	12k	E	12k	-	12k	12k

*Models that may require adapters

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All 18K models require 1/4" liquid and 1/2" vapor linesets.

24K Model adapters vary. See color code:

- Required for the following models with 3/8" and 5/8" port:
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- Required for the following model with 1/4" and 1/2" port:
AW24TC2HDA

Haier FlexFit Multi Series Submittal

18000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

2U18MS2VHB

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Accessories

Wind Baffle

Uses wind baffle QAWB43A

Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC
Recommended Fuse/Breaker Size	25A
MCA	15A

Connecting cable to indoor units must be 14/4 AWG unshielded stranded copper. Cable must be ran continuous, without splicing.

Operating Range

Cooling with Baffle	14~115°F (-10~46°C)
Cooling without Baffle	23~115°F (-5~46°C)
Heating	-4~75°F (-20~24°C)

Heating Performance

Heating Capacity Range	6,100~21,5000 BTU
HSPF (Non-Ducted/Ducted)	9.0/.8.5

Cooling Performance

Cooling Capacity Range	4,400~19,400 BTU
Rated Power Input (Non-Ducted/Ducted)	1,650/1,760 W
SEER (Non-Ducted/Ducted)	16.0/16.0
EER (Non-Ducted/Ducted)	10.5/8.5

Pipe Length

Minimum Pipe Length (Each)	10 ft
Maximum Pipe Length (Each/All)	65 ft /98 ft
Pre-Charged	50 ft
Additional Charge	0.2 oz/ft
Maximum Pipe Height Difference	50 ft
Flare Connections	1/4", 1/4"(Liquid) 3/8", 3/8" (Vapor)

Outdoor Unit

Compressor	DC inverter Driven Rotary
Uncrated Dimension (HxWxD)	27 1/8 x 31 7/8 x 11 3/8 in (688 x 810 x 288 mm)
Crated (HxWxD)	29 7/8 x 37 3/8 x 16 in (760 x 949 x 406 mm)
Outdoor Sound Rating dB	53
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	102.5/95.9 lbs
Factory Refrigerant Charge	R-410A (49.5 oz)



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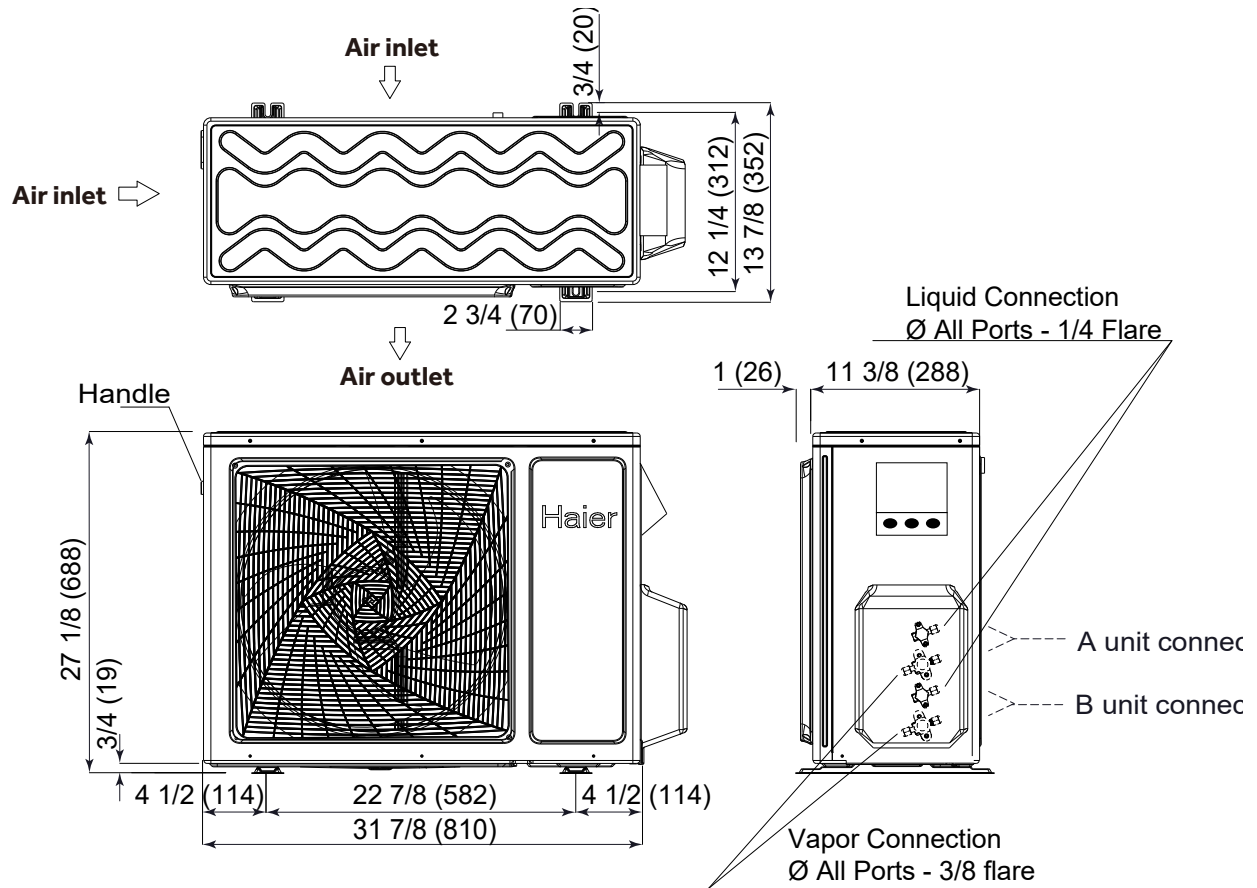
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Haier FlexFit Multi Series Submittal

18000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

2U18MS2VHB



Haier FlexFit Multi Series Submittal

18000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

2U18MS2VHB

Heating Capacity Data - Non Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	60°F (16°C)			70°F (21°C)			77°F (25°C)		
	Maximum Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP
-4°F (-20°C)	11,580	990	11.70	10,920	1,030	10.60	10,370	1,100	9.43
5°F (-15°C)	12,740	1,080	11.80	12,130	1,140	10.64	11,530	1,210	9.53
17°F (-8°C)	15,350	1,190	12.90	13,870	1,280	10.84	12,760	1,290	9.89
47°F (8°C)	20,740	1,100	18.85	19,200	1,200	16.00	17,660	1,300	13.58

Heating Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	60°F (16°C)			70°F (21°C)			77°F (25°C)		
	Maximum Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP
-4°F (-20°C)	10,460	1,220	8.57	9,020	1,450	6.22	8,210	1,550	5.30
5°F (-15°C)	13,620	1,400	9.73	12,440	1,480	8.41	11,380	1,620	7.02
17°F (-8°C)	15,530	1,340	11.59	14,200	1,370	10.36	12,800	1,500	8.53
47°F (8°C)	18,600	1,380	13.48	17,200	1,280	13.44	15,540	1,450	10.72

Capacity and power usage are measured under the assumption of indoor humidity of 46%

Cooling Capacity Data - Non Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	70°F (21°C)			75°F (24°C)			80°F (27°C)		
	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER
14°F (-10°C)	6,530	630	3.04	7,210	660	3.20	7,620	690	3.24
65°F (18°C)	12,330	980	3.69	13,700	1,230	3.26	13,080	1,020	3.76
75°F (24°C)	11,260	1,520	2.17	12,890	1,560	2.42	13,340	1,590	2.46
85°F (29°C)	14,110	1,530	2.70	15,430	1,590	2.84	16,480	1,620	2.98
95°F (35°C)	15,090	1,610	2.75	16,970	1,680	2.96	18,050	1,710	3.09
105°F (41°C)	15,080	1,720	2.57	16,910	1,780	2.78	17,580	1,800	2.86
115°F (46°C)	13,580	1,430	2.78	14,870	1,540	2.83	15,860	1,450	3.21

Cooling Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	70°F (21°C)			75°F (24°C)			80°F (27°C)		
	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER
14°F (-10°C)	6,370	750	2.49	7,020	810	2.54	7,500	830	2.65
65°F (18°C)	12,200	1,230	2.91	12,880	1,250	3.02	12,980	1,290	2.95
75°F (24°C)	12,900	1,370	2.76	13,600	1,440	2.77	14,600	1,500	2.85
85°F (29°C)	13,760	1,520	2.65	14,800	1,590	2.73	16,150	1,720	2.75
95°F (35°C)	14,680	1,630	2.64	16,420	1,790	2.69	18,000	1,950	2.71
105°F (41°C)	14,360	1,610	2.61	15,690	1,750	2.63	17,490	1,920	2.67
115°F (46°C)	13,200	1,520	2.55	13,860	1,620	2.51	15,700	1,750	2.63

Capacity and power usage are measured under the assumption of indoor humidity of 46%

Haier FlexFit Multi Series Submittal

18000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

2U18MS2HDA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Accessories

Wind Baffle

Front Wind Baffle: UAWB47A

Back/Side Wind Baffle (Snow Hood): UAWB84A

Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC
Recommended Fuse/Breaker Size	30A
MCA	19A

Connecting cable to indoor units must be 14/4 AWG unshielded stranded copper. Cable must be ran continuous, without splicing.

Operating Range

Cooling with Baffle	14~115°F (-10~46°C)
Cooling without Baffle	23~115°F (-5~46°C)
Heating	-4~75°F (-20~24°C)

Heating Performance

Heating Capacity Range (Non-Ducted/Ducted)	2,300-20,000 BTU/ 3,200-19,100 BTU
HSPF (Non-Ducted/Ducted)	11.0/9.4

Cooling Performance

Cooling Capacity Range (Non-Ducted/Ducted)	5,000-19,500 BTU/ 4,600-19,000 BTU
Rated Power Input (Non-Ducted/Ducted)	1,440/1,565 W
SEER (Non-Ducted/Ducted)	20.0/18.0
EER (Non-Ducted/Ducted)	12.5/11.5

Pipe Length

Minimum Pipe Length (Each)	10 ft
Maximum Pipe Length (Each/All)	65 ft /98 ft
Pre-Charged	50 ft
Additional Charge	0.2 oz/ft
Maximum Pipe Height Difference	50 ft
Flare Connections	1/4", 1/4"(Liquid) 3/8", 3/8" (Vapor)

Outdoor Unit

Compressor	DC inverter Driven Rotary
Uncrated Dimension (HxWxD)	27 5/8 x 35 x 13 1/2 in (700 x 890 x 340 mm)
Crated (HxWxD)	31 1/8 x 39 3/8 x 17 1/2 in (790 x 998 x 443 mm)
Outdoor Sound Rating dB	51
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	130/115 lbs
Factory Refrigerant Charge	R-410A (60.0 oz)



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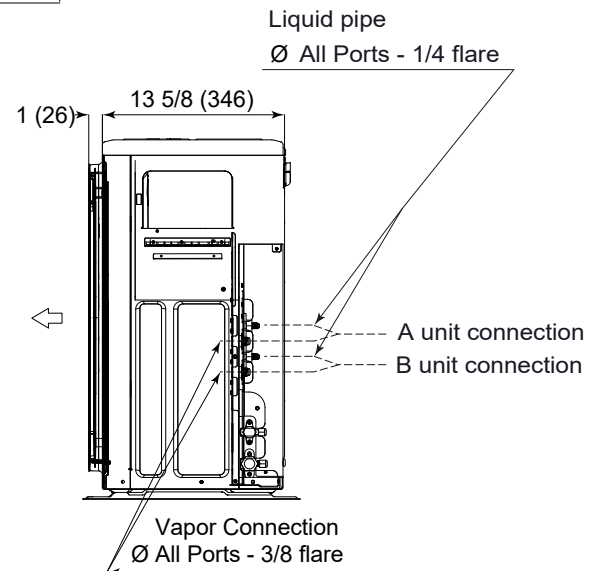
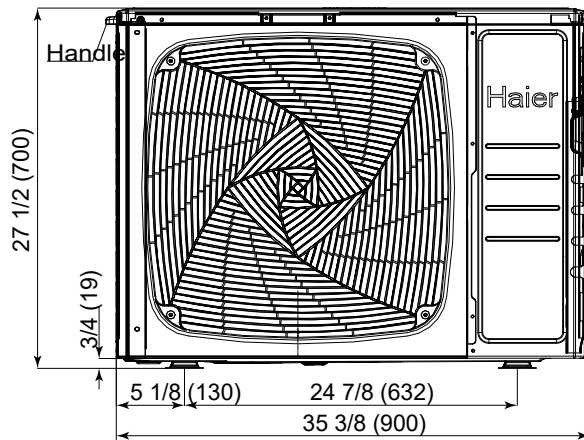
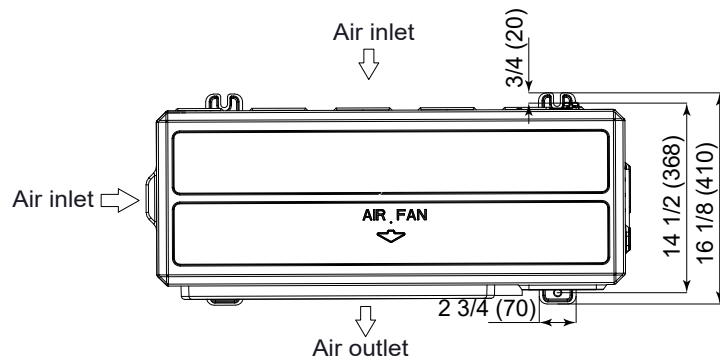
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Haier FlexFit Multi Series Submittal

18000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

2U18MS2HDA



Haier FlexFit Multi Series Submittal

18000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

2U18MS2HDA

Heating Capacity Data - Non Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	60°F (16°C)			70°F (21°C)			77°F (25°C)		
	Maximum Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP
-4°F (-20°C)	11,970	1,935	1.81	11,400	1,910	1.75	10,830	1,885	1.68
5°F (-15°C)	14,385	2,255	1.87	13,700	2,230	1.80	13,015	2,205	1.73
17°F (-8°C)	15,960	1,725	2.71	15,200	1,700	2.62	14,440	1,675	2.53
47°F (8°C)	25,200	2,535	2.91	24,000	2,510	2.80	22,800	2,485	2.69

Heating Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	60°F (16°C)			70°F (21°C)			77°F (25°C)		
	Maximum Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP
-4°F (-20°C)	9,660	1,775	1.60	9,200	1,750	1.54	8,740	1,725	1.48
5°F (-15°C)	11,550	2,035	1.66	11,000	2,010	1.60	10,450	1,985	1.54
17°F (-8°C)	15,960	2,085	2.24	15,200	2,060	2.16	14,440	2,035	2.08
47°F (8°C)	23,940	2,285	3.07	22,800	2,260	2.96	21,660	2,235	2.84

Capacity and power usage are measured under the assumption of indoor humidity of 46%

Cooling Capacity Data - Non Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	70°F (21°C)			75°F (24°C)			80°F (27°C)		
	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER
14°F (-10°C)	20,734	1,799	11.53	21,279	1,817	11.71	21,825	1,836	11.89
23°F (-5°C)	21,157	1,821	11.62	21,713	1,839	11.81	22,270	1,858	11.99
32°F (0°C)	21,588	1,842	11.72	22,156	1,860	11.91	22,724	1,879	12.09
50°F (10°C)	22,029	1,863	11.82	22,608	1,881	12.02	23,188	1,901	12.20
65°F (18°C)	23,188	1,926	12.04	23,798	1,946	12.23	24,408	1,966	12.42
75°F (24°C)	22,982	1,990	11.55	23,587	2,010	11.73	24,192	2,030	11.92
85°F (29°C)	22,572	2,053	10.99	23,166	2,074	11.17	23,760	2,095	11.34
95°F (35°C)	20,520	2,117	9.69	21,060	2,138	9.85	21,600	2,160	10.00
105°F (41°C)	18,468	2,329	7.93	18,954	2,352	8.06	19,440	2,376	8.18
115°F (46°C)	15,390	2,223	6.92	15,795	2,245	7.04	16,200	2,268	7.14

Cooling Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	70°F (21°C)			75°F (24°C)			80°F (27°C)		
	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER
14°F (-10°C)	20,734	1,949	10.64	21,279	1,969	10.81	21,825	1,989	10.97
23°F (-5°C)	21,157	1,972	10.73	21,713	1,993	10.89	22,270	2,012	11.07
32°F (0°C)	21,588	1,995	10.82	22,156	2,016	10.99	22,724	2,036	11.16
50°F (10°C)	22,029	2,018	10.92	22,608	2,039	11.09	23,188	2,059	11.26
65°F (18°C)	23,188	2,087	11.11	23,798	2,108	11.29	24,408	2,129	11.46
75°F (24°C)	22,982	2,155	10.66	23,587	2,178	10.83	24,192	2,200	11.00
85°F (29°C)	22,572	2,224	10.15	23,166	2,247	10.31	23,760	2,270	10.47
95°F (35°C)	20,520	2,293	8.95	21,060	2,317	9.09	21,600	2,340	9.23
105°F (41°C)	18,468	2,522	7.32	18,954	2,549	7.44	19,440	2,574	7.55
115°F (46°C)	15,390	2,408	6.39	15,795	2,433	6.49	16,200	2,457	6.59

Capacity and power usage are measured under the assumption of indoor humidity of 46%

Haier FlexFit Multi Series Submittal

24000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

3U24MS2VHB

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Accessories

Wind Baffle

Uses wind baffle QAWB44A

Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC
Recommended Fuse/Breaker Size	25A
MCA	18A

Connecting cable to indoor units must be 14/4 AWG unshielded stranded copper. Cable must be ran continuous, without splicing.

Operating Range

Cooling with Baffle	14~115°F (-10~46°C)
Cooling without Baffle	23~115°F (-5~46°C)
Heating	-4~75°F (-20~24°C)

Heating Performance

Heating Capacity Range (Non-Ducted/Ducted)	6,100~25,500 BTU/ 6,100~25,000 BTU
HSPF (Non-Ducted/Ducted)	10.0/8.5

Cooling Performance

Cooling Capacity Range (Non-Ducted/Ducted)	5,000-19,500 BTU/ 4,600-19,000 BTU
Rated Power Input (Non-Ducted/Ducted)	2,250/2,416 W
SEER (Non-Ducted/Ducted)	18.0/16.0
EER (Non-Ducted/Ducted)	10.0/8.5

Pipe Length

Minimum Pipe Length (Each)	10 ft
Maximum Pipe Length (Each/All)	82 ft / 197 ft
Pre-Charged	75 ft
Additional Charge	0.2 oz/ft
Maximum Pipe Height Difference	50 ft
Flare Connections	1/4", 1/4", 1/4" (Liquid) 3/8", 3/8", 3/8" (Vapor)

Outdoor Unit

Compressor	DC inverter Driven Rotary
Uncrated Dimension (HxWxD)	28 3/4 x 33 7/8 x 12 1/8 in (730 x 860 x 308 mm)
Crated (HxWxD)	32 5/8 x 39 3/4 x 16 7/8 in (830 x 1010 x 430 mm)
Outdoor Sound Rating dB	54
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	123.5/116.8 lbs
Factory Refrigerant Charge	R-410A (67.0 oz)



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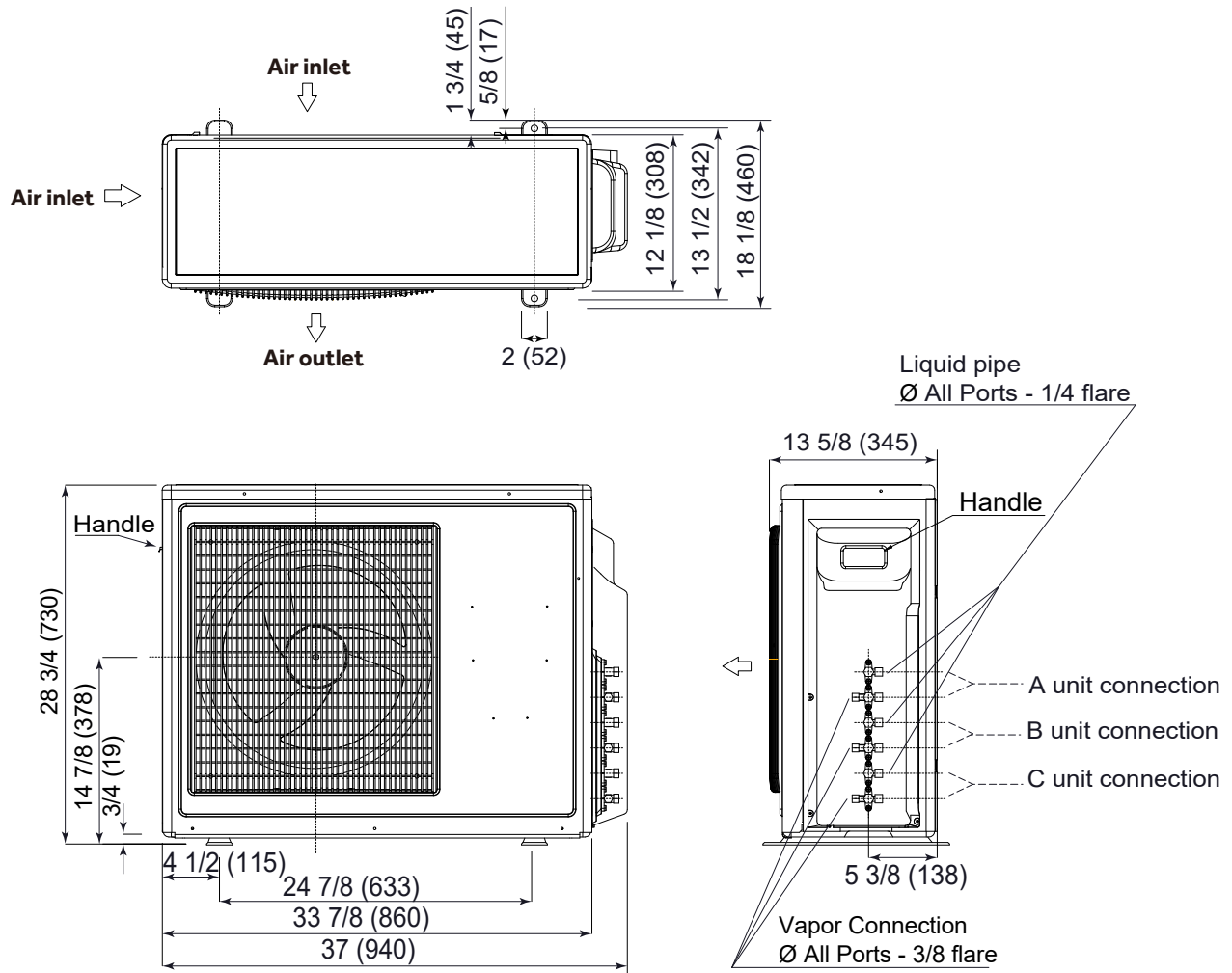
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Haier FlexFit Multi Series Submittal

24000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

3U24MS2VHB



Haier FlexFit Multi Series Submittal

24000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

3U24MS2VHB

Heating Capacity Data - Non Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	60°F (16°C)			70°F (21°C)			77°F (25°C)		
	Maximum Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP
-4°F (-20°C)	15,660	1,890	8.29	13,500	1,960	6.89	12,370	2,080	5.95
5°F (-15°C)	15,980	1,810	8.83	14,960	1,900	7.87	12,570	1,920	6.55
17°F (-8°C)	17,790	1,940	9.17	17,720	1,970	8.99	14,650	1,980	7.40
47°F (8°C)	27,400	2,150	12.74	25,600	2,350	10.89	22,860	2,440	9.37

Heating Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	60°F (16°C)			70°F (21°C)			77°F (25°C)		
	Maximum Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP
-4°F (-20°C)	12,760	1,650	7.73	11,000	1,670	6.59	10,120	1,790	5.65
5°F (-15°C)	15,500	1,940	7.99	15,290	2,020	7.57	10,280	1,850	5.56
17°F (-8°C)	17,630	1,900	9.28	17,360	2,070	8.39	13,100	1,920	6.82
47°F (8°C)	26,200	2,050	12.78	24,580	2,180	11.28	22,300	2,300	9.70

Capacity and power usage are measured under the assumption of indoor humidity of 46%

Cooling Capacity Data - Non Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	70°F (21°C)			75°F (24°C)			80°F (27°C)		
	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER
14°F (-10°C)	19,200	1,080	5.21	20,430	1,120	5.35	21,700	1,190	5.34
65°F (18°C)	25,980	1,860	4.09	28,640	2,150	3.90	30,480	2,260	3.95
75°F (24°C)	26,510	2,100	3.70	27,530	2,460	3.28	28,690	2,650	3.17
85°F (29°C)	25,950	2,230	3.41	26,180	2,580	2.97	27,430	2,740	2.93
95°F (35°C)	23,520	2,500	2.76	25,360	2,880	2.58	26,700	3,000	2.61
105°F (41°C)	20,860	2,350	2.60	22,270	2,760	2.36	23,560	2,850	2.42
115°F (46°C)	16,890	1,860	2.66	17,950	2,150	2.45	18,680	2,350	2.33

Cooling Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	70°F (21°C)			75°F (24°C)			80°F (27°C)		
	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER
14°F (-10°C)	18,670	1,140	4.80	20,110	1,180	4.99	21,680	1,220	5.21
65°F (18°C)	24,300	1,790	3.98	27,100	1,960	4.05	28,560	2,010	4.16
75°F (24°C)	25,130	1,920	3.84	25,800	2,030	3.72	26,300	2,100	3.67
85°F (29°C)	25,880	2,250	3.37	24,150	2,320	3.05	24,900	2,360	3.09
95°F (35°C)	22,960	2,480	2.71	25,200	2,820	2.62	26,460	2,890	2.68
105°F (41°C)	20,530	2,300	2.62	22,170	2,760	2.35	22,690	2,650	2.51
115°F (46°C)	16,250	1,820	2.62	17,850	2,150	2.43	18,560	2,400	2.27

Capacity and power usage are measured under the assumption of indoor humidity of 46%

Haier FlexFit Multi Series Submittal

24000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

3U24MS2HDA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Accessories

Wind Baffle

Uses wind baffle QAWB47A

Back/Side Wind Baffle (Snow Hood): UAWB84A

Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC
Recommended Fuse/Breaker Size	30A
MCA	22A

Connecting cable to indoor units must be 14/4 AWG unshielded stranded copper. Cable must be ran continuous, without splicing.

Operating Range

Cooling with Baffle	14~115°F (-10~46°C)
Cooling without Baffle	23~115°F (-5~46°C)
Heating	-4~75°F (-20~24°C)

Heating Performance

Heating Capacity Range (Non-Ducted/Ducted)	3,200-25,000 BTU/ 3,800-25,500 BTU
HSPF (Non-Ducted/Ducted)	10.5/9.0

Cooling Performance

Cooling Capacity Range (Non-Ducted/Ducted)	5,000~24,500 BTU/ 5,000~24,500 BTU
Rated Power Input (Non-Ducted/Ducted)	1,800/2,000 W
SEER (Non-Ducted/Ducted)	21.0/16.0
EER (Non-Ducted/Ducted)	12.5/11.0

Pipe Length

Minimum Pipe Length (Each)	10 ft
Maximum Pipe Length (Each/All)	82 ft /197 ft
Pre-Charged	100 ft
Additional Charge	0.2 oz/ft
Maximum Pipe Height Difference	50 ft
Flare Connections	1/4", 1/4", 1/4" (Liquid) 3/8", 3/8", 3/8" (Vapor)

Outdoor Unit

Compressor	DC inverter Driven Rotary
Uncrated Dimension (HxWxD)	27 5/8 x 35 1/2 x 13 5/8 in (700 x 900 x 346 mm)
Crated (HxWxD)	31 1/8 x 39 3/8 x 17 1/2 in (790 x 998 x 443 mm)
Outdoor Sound Rating dB	53
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	132/117 lbs
Factory Refrigerant Charge	R-410A (67.0 oz)



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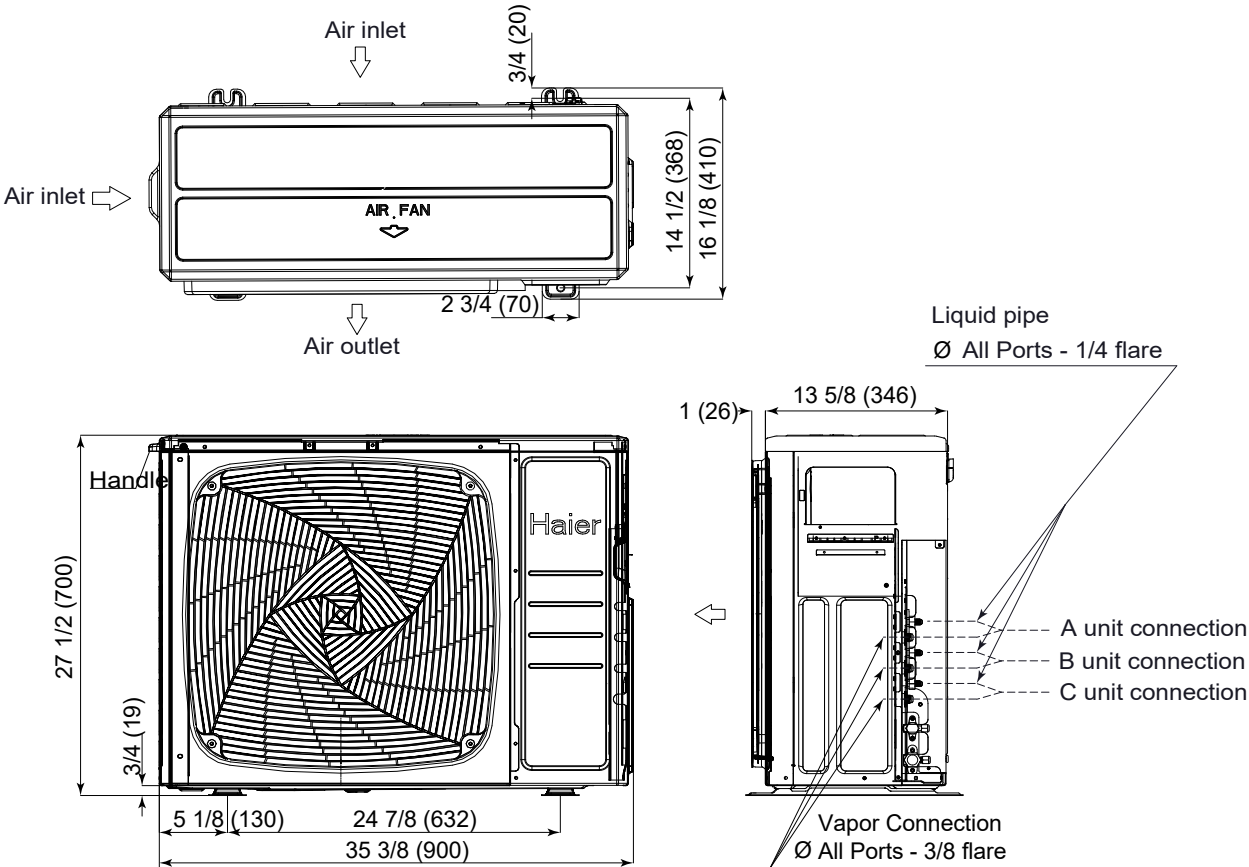
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Haier FlexFit Multi Series Submittal

24000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

3U24MS2HDA



Haier FlexFit Multi Series Submittal

24000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

3U24MS2HDA

Heating Capacity Data - Non Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	60°F (16°C)			70°F (21°C)			77°F (25°C)		
	Maximum Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP
-4°F (-20°C)	12,600	2,095	1.76	12,000	2,070	1.70	11,400	2,045	1.63
5°F (-15°C)	14,595	2,065	2.07	13,900	2,040	2.00	13,205	2,015	1.92
17°F (-8°C)	21,000	2,595	2.37	20,000	2,570	2.28	19,000	2,545	2.19
47°F (8°C)	31,500	2,845	3.25	30,000	2,820	3.12	28,500	2,795	2.99

Heating Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	60°F (16°C)			70°F (21°C)			77°F (25°C)		
	Maximum Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP
-4°F (-20°C)	11,550	2,115	1.60	11,000	2,090	1.54	10,450	2,065	1.48
5°F (-15°C)	12,600	1,805	2.05	12,000	1,780	1.98	11,400	1,755	1.90
17°F (-8°C)	21,000	2,775	2.22	20,000	2,750	2.13	19,000	2,725	2.04
47°F (8°C)	31,500	3,075	3.00	30,000	3,050	2.88	28,500	3,025	2.76

Capacity and power usage are measured under the assumption of indoor humidity of 46%

Cooling Capacity Data - Non Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	70°F (21°C)			75°F (24°C)			80°F (27°C)		
	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER
14°F (-10°C)	25,800	2,241	11.51	26,479	2,264	11.70	27,158	2,287	11.87
23°F (-5°C)	26,326	2,267	11.61	27,019	2,290	11.80	27,712	2,313	11.98
32°F (0°C)	26,864	2,293	11.72	27,571	2,317	11.90	28,278	2,340	12.08
50°F (10°C)	27,412	2,320	11.82	28,134	2,343	12.01	28,855	2,367	12.19
65°F (18°C)	28,855	2,399	12.03	29,615	2,423	12.22	30,374	2,448	12.41
75°F (24°C)	28,601	2,478	11.54	29,353	2,503	11.73	30,106	2,529	11.90
85°F (29°C)	28,090	2,557	10.99	28,829	2,583	11.16	29,568	2,609	11.33
95°F (35°C)	25,536	2,636	9.69	26,208	2,663	9.84	26,880	2,690	9.99
105°F (41°C)	22,982	2,900	7.92	23,587	2,929	8.05	24,192	2,959	8.18
115°F (46°C)	19,152	2,768	6.92	19,656	2,796	7.03	20,160	2,825	7.14

Cooling Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	70°F (21°C)			75°F (24°C)			80°F (27°C)		
	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER
14°F (-10°C)	25,340	2,499	10.14	26,007	2,525	10.30	26,674	2,550	10.46
23°F (-5°C)	25,857	2,528	10.23	26,538	2,554	10.39	27,218	2,580	10.55
32°F (0°C)	26,384	2,558	10.31	27,079	2,584	10.48	27,773	2,610	10.64
50°F (10°C)	26,923	2,587	10.41	27,632	2,614	10.57	28,340	2,640	10.73
65°F (18°C)	28,340	2,675	10.59	29,086	2,703	10.76	29,832	2,730	10.93
75°F (24°C)	28,090	2,764	10.16	28,829	2,792	10.33	29,568	2,820	10.49
85°F (29°C)	27,588	2,852	9.67	28,314	2,881	9.83	29,040	2,910	9.98
95°F (35°C)	25,080	2,940	8.53	25,740	2,970	8.67	26,400	3,000	8.80
105°F (41°C)	22,572	3,234	6.98	23,166	3,267	7.09	23,760	3,300	7.20
115°F (46°C)	18,810	3,087	6.09	19,305	3,119	6.19	19,800	3,150	6.29

Capacity and power usage are measured under the assumption of indoor humidity of 46%

Haier FlexFit Multi Series Submittal

36000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

4U36MS2VHB

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Accessories

Wind Baffle

Uses wind baffle QAWB40A

When FlexFit series 24k indoor matches with the 4U36MS2VHB, two adapters are required and need to be purchased separately from Haier parts:

1/4" to 3/8" Part Number: WJ01X23925

3/8" to 5/8" Part Number: WJ01X23924

1/2" to 5/8" Part Number: WJ01X23932

Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC
Recommended Fuse/Breaker Size	30A
MCA	23A

Connecting cable to indoor units must be 14/4 AWG unshielded stranded copper. Cable must be ran continuous, without splicing.

Operating Range

Cooling with Baffle	14~115°F (-10~46°C)
Cooling without Baffle	23~115°F (-5~46°C)
Heating	-4~75°F (-20~24°C)

Heating Performance

Heating Capacity Range (Non-Ducted/Ducted)	6,100~36,500 BTU/ 6,100~35,000 BTU
HSPF (Non-Ducted/Ducted)	10.0/9.0

Cooling Performance

Cooling Capacity Range (Non-Ducted/Ducted)	5,000~36,000 BTU/ 5,000~34,000 BTU
Rated Power Input (Non-Ducted/Ducted)	3,770/3,590 W
SEER (Non-Ducted/Ducted)	18.0/16.0
EER (Non-Ducted/Ducted)	9.0/8.5

Pipe Length

Minimum Pipe Length (Each)	10 ft
Maximum Pipe Length (Each/All)	82 ft /230 ft
Pre-Charged	100 ft
Additional Charge	0.2 oz/ft
Maximum Pipe Height Difference	50 ft
Flare Connections	1/4", 1/4", 1/4", 1/4" (Liquid) 3/8", 3/8", 3/8", 1/2" (Vapor)

Outdoor Unit

Compressor	DC inverter Driven Rotary
Uncrated Dimension (HxWxD)	33 1/8 x 37 3/8 x 13 3/8 in (840 x 948 x 340 mm)
Crated (HxWxD)	39 5/8 x 42 7/8 x 16 3/8 in (1005 x 1090 x 415 mm)
Outdoor Sound Rating dB	56
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	191.8/167.6 lbs
Factory Refrigerant Charge	R-410A (113.0 oz)



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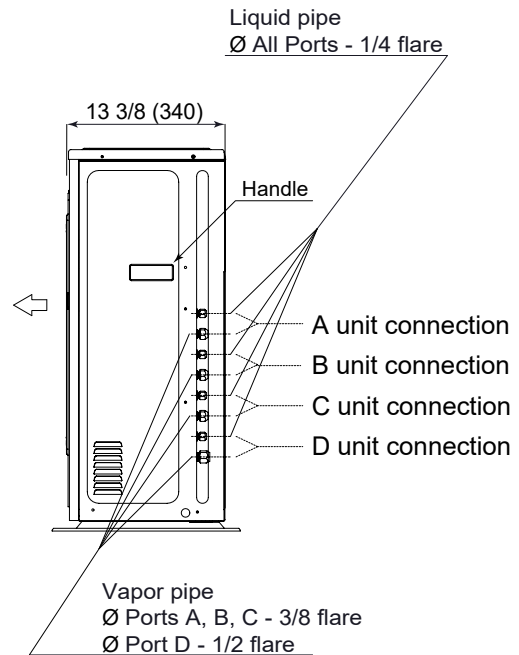
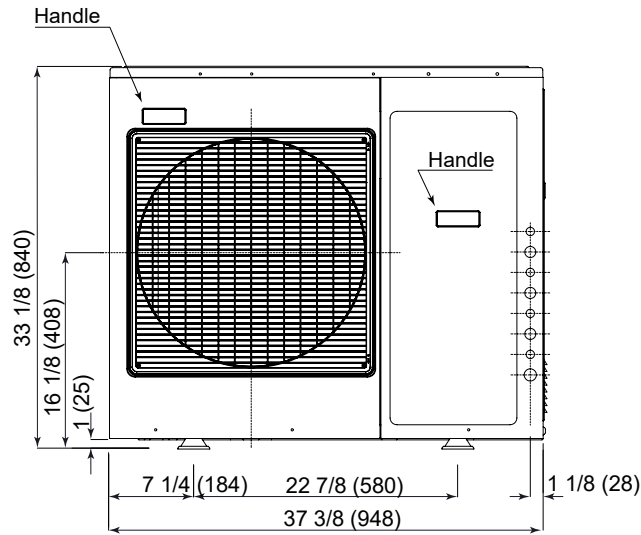
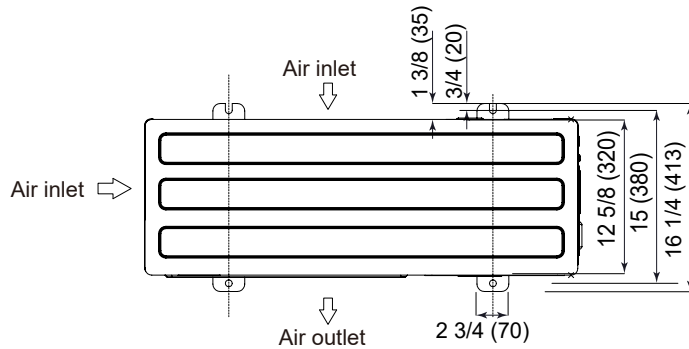
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Haier FlexFit Multi Series Submittal

36000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

4U36MS2VHB



Haier FlexFit Multi Series Submittal

36000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

4U36MS2VHB

Heating Capacity Data - Non Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	60°F (16°C)			70°F (21°C)			77°F (25°C)		
	Maximum Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP
-4°F (-20°C)	20,460	2,650	7.72	17,640	2,670	6.61	16,410	3,580	4.58
5°F (-15°C)	23,980	2,810	8.53	21,230	2,610	8.13	20,690	3,090	6.70
17°F (-8°C)	25,360	2,820	8.99	24,260	3,090	7.85	22,370	3,180	7.03
47°F (8°C)	37,580	3,180	11.82	36,500	3,330	10.96	34,250	3,460	9.90

Heating Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	60°F (16°C)			70°F (21°C)			77°F (25°C)		
	Maximum Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP
-4°F (-20°C)	18,970	2,170	8.74	15,640	2,450	6.38	14,330	2,370	6.05
5°F (-15°C)	23,020	2,760	8.34	20,040	2,870	6.98	17,530	2,920	6.00
17°F (-8°C)	25,300	2,890	8.75	23,320	3,170	7.36	21,750	3,250	6.69
47°F (8°C)	36,850	3,090	11.93	35,300	3,430	10.29	33,540	3,580	9.37

Capacity and power usage are measured under the assumption of indoor humidity of 46%

Cooling Capacity Data - Non Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	70°F (21°C)			75°F (24°C)			80°F (27°C)		
	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER
14°F (-10°C)	25,410	1,850	4.03	26,900	1,880	4.19	30,520	1,900	4.71
65°F (18°C)	34,250	2,830	3.55	36,520	2,950	3.63	38,400	3,050	3.69
75°F (24°C)	33,760	2,940	3.37	34,700	3,010	3.38	36,580	3,150	3.40
85°F (29°C)	31,500	3,460	2.67	32,420	3,650	2.60	34,890	3,720	2.75
95°F (35°C)	32,100	3,680	2.56	33,540	3,780	2.60	35,100	3,950	2.60
105°F (41°C)	25,620	3,440	2.18	26,280	3,520	2.19	29,260	3,660	2.34
115°F (46°C)	22,200	3,050	2.13	23,680	3,180	2.18	25,380	3,250	2.29

Cooling Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	70°F (21°C)			75°F (24°C)			80°F (27°C)		
	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER
14°F (-10°C)	24,870	1,870	3.90	26,340	1,900	4.06	29,400	1,940	4.44
65°F (18°C)	34,120	2,780	3.60	35,790	2,860	3.67	36,850	2,980	3.62
75°F (24°C)	33,570	3,020	3.26	34,260	3,160	3.18	35,780	3,240	3.24
85°F (29°C)	30,840	3,490	2.59	31,580	3,630	2.55	33,520	3,750	2.62
95°F (35°C)	31,960	3,710	2.52	33,200	3,820	2.55	34,500	4,030	2.51
105°F (41°C)	25,130	3,480	2.12	25,430	3,610	2.06	28,460	3,850	2.17
115°F (46°C)	21,800	3,070	2.08	23,400	3,220	2.13	24,300	3,350	2.13

Capacity and power usage are measured under the assumption of indoor humidity of 46%

Haier FlexFit Multi Series Submittal

36000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

4U36MS2HDA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Accessories

Wind Baffle

Uses wind baffle QAWB46A

Back/Side Wind Baffle (Snow Hood): UAWB80A

When FlexFit series 24k indoor matches with the 4U36MS2HDA, two adapters are required and need to be purchased separately from Haier parts:

1/4" to 3/8" Part Number: WJ01X23925

3/8" to 5/8" Part Number: WJ01X23924

1/2" to 5/8" Part Number: WJ01X23932

Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC
Recommended Fuse/Breaker Size	30A
MCA	26A

Connecting cable to indoor units must be 14/4 AWG unshielded stranded copper. Cable must be ran continuous, without splicing.

Operating Range

Cooling with Baffle	14~115°F (-10~46°C)
Cooling without Baffle	23~115°F (-5~46°C)
Heating	-4~75°F (-20~24°C)

Heating Performance

Heating Capacity Range (Non-Ducted/Ducted)	7,000-36,000 BTU/ 6,500-36,500 BTU
HSPF (Non-Ducted/Ducted)	10.5/9.3

Cooling Performance

Cooling Capacity Range (Non-Ducted/Ducted)	10,000-36,000 BTU/ 10,000-36,000 BTU
Rated Power Input (Non-Ducted/Ducted)	3,680/3,800 W
SEER (Non-Ducted/Ducted)	18.0/15.6
EER (Non-Ducted/Ducted)	9.0/8.8

Pipe Length

Minimum Pipe Length (Each)	10 ft
Maximum Pipe Length (Each/All)	82 ft /230 ft
Pre-Charged	131 ft
Additional Charge	0.2 oz/ft
Maximum Pipe Height Difference	50 ft
Flare Connections	1/4", 1/4", 1/4", 1/4" (Liquid) 3/8", 3/8", 3/8", 1/2" (Vapor)

Outdoor Unit

Compressor	DC inverter Driven Rotary
Uncrated Dimension (HxWxD)	33 1/8 x 37 3/8 x 13 1/2 in (840 x 948 x 340 mm)
Crated (HxWxD)	41 3/8 x 41 3/4 x 16 1/2 in (1048 x 1060 x 420 mm)
Outdoor Sound Rating dB	58
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	191.6/157.8 lbs
Factory Refrigerant Charge	R-410A (90.0 oz)



GE APPLIANCES
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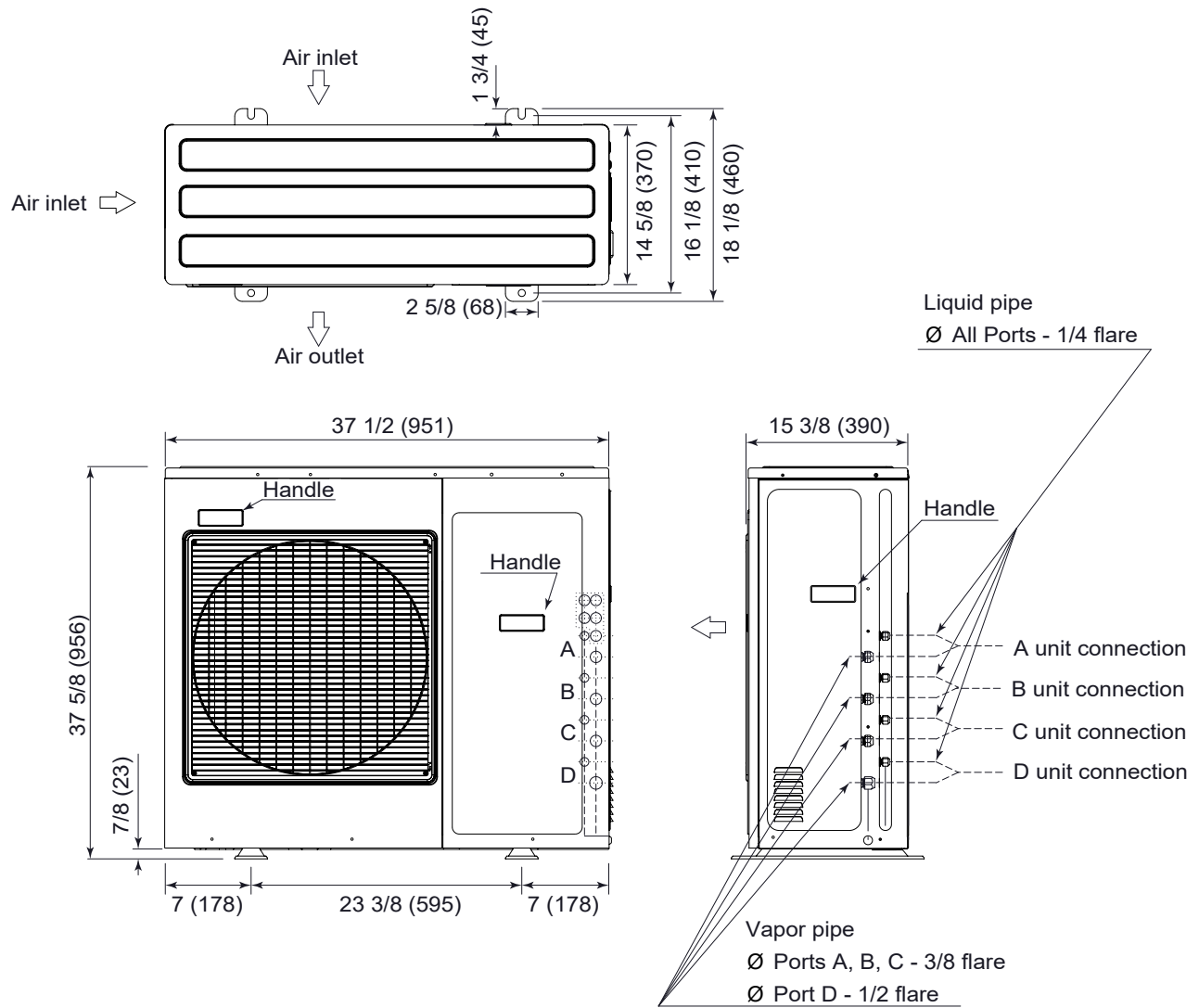
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36000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

4U36MS2HDA



Haier FlexFit Multi Series Submittal

36000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

4U36MS2HDA

Heating Capacity Data - Non Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	60°F (16°C)			70°F (21°C)			77°F (25°C)		
	Maximum Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP
-4°F (-20°C)	18,900	3,125	1.77	18,000	3,100	1.70	17,100	3,075	1.63
5°F (-15°C)	23,100	3,705	1.83	22,000	3,680	1.75	20,900	3,655	1.68
17°F (-8°C)	31,500	4,725	1.95	30,000	4,700	1.87	28,500	4,675	1.79
47°F (8°C)	45,360	4,825	2.76	43,200	4,800	2.64	41,040	4,775	2.52

Heating Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	60°F (16°C)			70°F (21°C)			77°F (25°C)		
	Maximum Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP	Max Heating Capacity (Btu/h)	Power Usage (w)	COP
-4°F (-20°C)	17,850	3,305	1.58	17,000	3,280	1.52	16,150	3,255	1.45
5°F (-15°C)	22,050	3,445	1.88	21,000	3,420	1.80	19,950	3,395	1.72
17°F (-8°C)	33,600	5,205	1.89	32,000	5,180	1.81	30,400	5,155	1.73
47°F (8°C)	45,360	5,305	2.51	43,200	5,280	2.40	41,040	5,255	2.29

Capacity and power usage are measured under the assumption of indoor humidity of 46%

Cooling Capacity Data - Non Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	70°F (21°C)			75°F (24°C)			80°F (27°C)		
	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER
14°F (-10°C)	39,163	4,723	8.29	40,193	4,771	8.42	41,224	4,820	8.55
23°F (-5°C)	39,962	4,779	8.36	41,013	4,827	8.50	42,065	4,876	8.63
32°F (0°C)	40,777	4,835	8.43	41,850	4,883	8.57	42,923	4,933	8.70
50°F (10°C)	41,609	4,890	8.51	42,704	4,939	8.65	43,799	4,990	8.78
65°F (18°C)	43,799	5,057	8.66	44,951	5,108	8.80	46,104	5,160	8.93
75°F (24°C)	43,411	5,224	8.31	44,554	5,276	8.44	45,696	5,330	8.57
85°F (29°C)	42,636	5,390	7.91	43,758	5,445	8.04	44,880	5,500	8.16
95°F (35°C)	38,760	5,557	6.97	39,780	5,613	7.09	40,800	5,670	7.20
105°F (41°C)	29,070	6,113	4.76	29,835	6,174	4.83	30,600	5,954	5.14
115°F (46°C)	20,969	5,835	3.59	21,521	5,894	3.65	22,073	6,010	3.67

Cooling Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature								
	70°F (21°C)			75°F (24°C)			80°F (27°C)		
	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER	Maximum Cooling Capacity (Btu/h)	Power Usage (w)	EER
14°F (-10°C)	39,163	4,831	8.11	40,193	4,881	8.23	41,224	4,930	8.36
23°F (-5°C)	39,962	4,888	8.18	41,013	4,938	8.31	42,065	4,988	8.43
32°F (0°C)	40,777	4,945	8.25	41,850	4,996	8.38	42,923	5,046	8.51
50°F (10°C)	41,609	5,002	8.32	42,704	5,053	8.45	43,799	5,104	8.58
65°F (18°C)	43,799	5,172	8.47	44,951	5,225	8.60	46,104	5,278	8.74
75°F (24°C)	43,411	5,343	8.12	44,554	5,397	8.26	45,696	5,452	8.38
85°F (29°C)	42,636	5,513	7.73	43,758	5,570	7.86	44,880	5,626	7.98
95°F (35°C)	38,760	5,684	6.82	39,780	5,742	6.93	40,800	5,800	7.03
105°F (41°C)	29,070	6,252	4.65	29,835	6,316	4.72	30,600	6,380	4.80
115°F (46°C)	21,851	5,968	3.66	22,426	6,029	3.72	23,001	6,090	3.78

Capacity and power usage are measured under the assumption of indoor humidity of 46%

Haier FlexFit Multi Series Submittal

42000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

5U42MS2HDA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Accessories

Wind Baffle

Uses wind baffle UAWB46A

Back/Side Wind Baffle (Snow Hood): UAWB80A

Ships with 2 qty: 1/2" to 3/8" adapters.

When flare ports need adjusted to fit compatible indoor units, adapters must be ordered separately through parts.

1/4" to 3/8" Part Number: WJ01X23925

3/8" to 5/8" Part Number: WJ01X23924

1/2" to 5/8" Part Number: WJ01X23932

Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC
Recommended Fuse/Breaker Size	40A
MCA	33A

Connecting cable to indoor units must be 14/4 AWG unshielded stranded copper. Cable must be ran continuous, without splicing.

Operating Range

Cooling with Baffle	14~115°F (-10~46°C)
Cooling without Baffle	23~115°F (-5~46°C)
Heating	-15~75°F (-26~24°C)

Heating Performance

Heating Capacity Range (Non-Ducted/Ducted)	7,000-43,000 BTU/7,000-43,000 BTU
HSPF (Non-Ducted/Ducted)	9.5/10.0

Cooling Performance

Cooling Capacity Range (Non-Ducted/Ducted)	10,000-42,500 BTU/10,000-42,500 BTU
Rated Power Input (Non-Ducted/Ducted)	5,256/5,360 W
SEER (Non-Ducted/Ducted)	16.0/14.2
EER (Non-Ducted/Ducted)	7.8/7.2

Pipe Length

Minimum Pipe Length (Each)	10 ft
Maximum Pipe Length (Each/All)	82 ft /262 ft
Pre-Charged	165 ft
Additional Charge	0.2 oz/ft
Maximum Pipe Height Difference	50 ft
Flare Connections	1/4", 1/4", 1/4", 1/4", 1/4" (Liquid) 3/8", 3/8", 3/8", 1/2", 1/2" (Vapor)

Outdoor Unit

Compressor	DC inverter Driven Rotary
Uncrated Dimension (HxWxD)	38 x 37 3/8 x 14 5/8 in (965 x 950 x 370 mm)
Crated (HxWxD)	46 1/8 x 41 3/8 x 19 1/8 in (1170 x 1050 x 485 mm)
Outdoor Sound Rating dB	63
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	218.0/181.0 lbs
Factory Refrigerant Charge	R-410A (113.0 oz)



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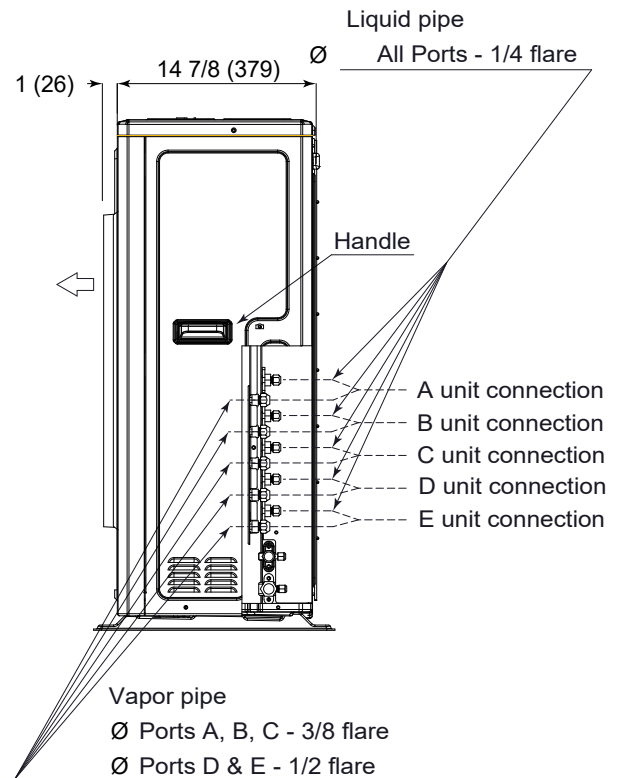
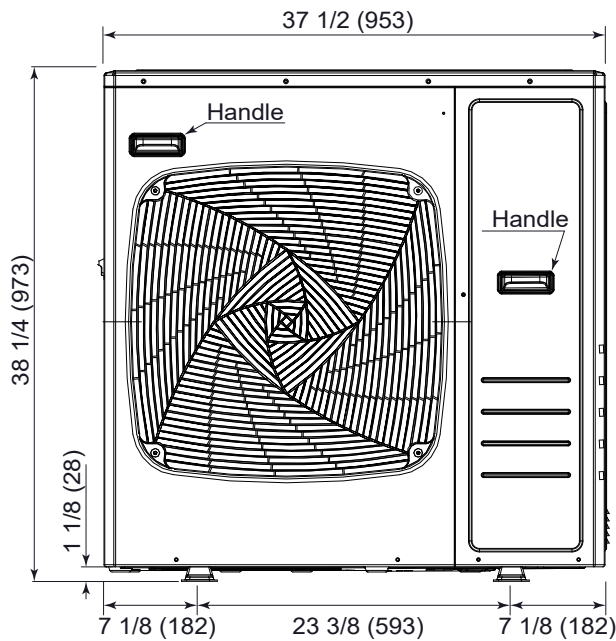
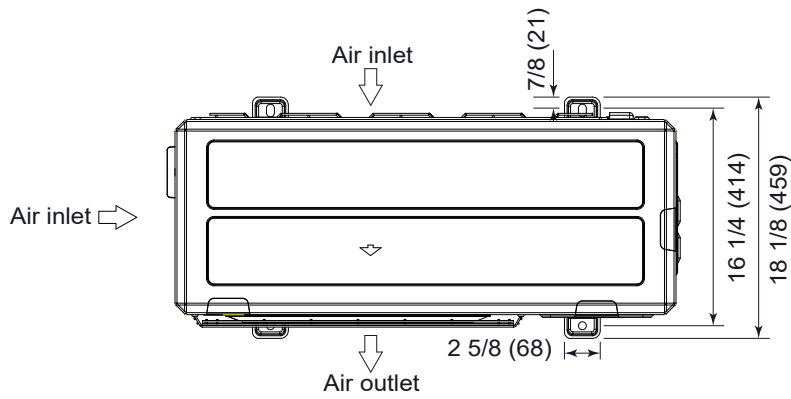
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5U42MS2HDA



42000 BTU/HR INVERTER DRIVEN MULTI-ZONE HEAT PUMP SYSTEM

5U42MS2HDA

Heating Capacity Data - Non Ducted

TC: Total Capacity, PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	60			64			68			70			72			75			79		
	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP
-15°F(-26°C)	18,171	3,187	1.67	17,762	3,191	1.63	17,481	3,206	1.60	16,868	3,244	1.52	17,139	3,287	1.53	16,993	3,312	1.50	16,071	3,276	1.44
-5°F(-21°C)	22,526	3,476	1.90	22,669	3,503	1.90	22,496	3,556	1.86	22,413	3,563	1.84	22,392	3,593	1.83	22,358	3,605	1.82	22,278	3,684	1.77
0°F(-18°C)	24,989	3,794	1.93	25,246	3,819	1.94	25,160	3,889	1.90	25,038	3,927	1.87	24,728	3,882	1.87	25,309	3,953	1.88	25,047	4,042	1.82
5°F(-15°C)	25,806	3,846	1.97	26,149	3,956	1.94	25,837	3,986	1.90	26,176	4,012	1.91	25,762	4,009	1.88	25,783	4,049	1.87	24,306	4,151	1.72
14°F(-10°C)	33,088	4,266	2.27	32,927	4,335	2.23	31,571	4,384	2.11	32,755	4,507	2.13	32,800	4,601	2.09	32,284	4,705	2.01	32,013	4,884	1.92
23°F(-5°C)	36,615	4,728	2.27	37,361	4,666	2.35	37,195	4,570	2.39	37,083	4,887	2.23	36,921	4,986	2.17	36,623	5,107	2.10	36,058	5,214	2.03
32°F(0°C)	39,796	4,111	2.84	39,376	4,170	2.77	39,067	4,308	2.66	38,768	4,380	2.60	38,387	4,439	2.54	37,639	4,635	2.38	34,914	4,612	2.22
41°F(5°C)	41,710	3,763	3.25	41,069	3,872	3.11	41,177	4,051	2.98	40,454	4,090	2.90	40,320	4,163	2.84	39,110	4,136	2.77	35,900	3,789	2.78
47°F(8°C)	43,687	3,367	3.81	43,237	3,441	3.68	42,350	3,557	3.49	42,140	3,620	3.41	40,421	3,621	3.27	37,739	3,251	3.40	33,553	2,881	3.42
55°F(13°C)	47,040	3,622	3.81	46,475	3,763	3.62	44,464	3,644	3.58	43,067	3,547	3.56	40,830	3,326	3.60	37,604	2,999	3.68	34,043	2,709	3.69
65°F(18°C)	44,736	3,134	4.19	44,218	3,274	3.96	43,340	3,390	3.75	40,033	3,126	3.76	39,949	3,102	3.78	36,753	2,712	3.97	32,765	2,710	3.55
75°F(24°C)	39,720	2,342	4.97	38,973	2,441	4.68	38,215	2,544	4.41	37,926	2,606	4.27	37,611	2,661	4.14	37,146	2,747	3.97	36,640	2,548	4.22

Heating Capacity Data - Ducted

TC: Total Capacity, PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB)																				
	60			64			68			70			72			75			79		
	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP	TC (Btu/h)	PI (W)	COP
-15°F(-26°C)	23,199	3,390	2.01	22,678	3,394	1.96	22,318	3,410	1.92	21,536	3,451	1.83	21,882	3,497	1.84	21,696	3,523	1.81	20,519	3,485	1.73
-5°F(-21°C)	23,838	3,408	2.05	23,989	3,434	2.05	23,807	3,486	2.00	23,719	3,493	1.99	23,696	3,522	1.97	23,661	3,534	1.96	23,576	3,611	1.91
0°F(-18°C)	25,351	3,297	2.25	25,611	3,319	2.26	25,523	3,380	2.21	25,400	3,413	2.18	25,085	3,374	2.18	25,675	3,436	2.19	25,410	3,513	2.12
5°F(-15°C)	26,717	3,942	1.99	27,072	4,055	1.96	26,750	4,087	1.92	27,100	4,113	1.93	26,672	4,110	1.90	26,693	4,151	1.89	25,164	4,255	1.73
14°F(-10°C)	32,285	4,051	2.34	32,127	4,117	2.29	30,804	4,163	2.17	31,959	4,279	2.19	32,003	4,369	2.15	31,501	4,467	2.07	31,236	4,638	1.98
23°F(-5°C)	35,764	4,582	2.29	36,492	4,521	2.37	36,330	4,429	2.41	36,221	4,735	2.24	36,062	4,832	2.19	35,771	4,949	2.12	35,219	5,053	2.04
32°F(0°C)	39,368	3,983	2.90	38,953	4,041	2.83	38,646	4,175	2.71	38,351	4,244	2.65	37,974	4,301	2.59	37,234	4,491	2.43	34,539	4,469	2.27
41°F(5°C)	42,178	3,646	3.39	41,530	3,753	3.25	41,639	3,926	3.11	40,908	3,964	3.03	40,772	4,034	2.96	39,549	4,008	2.89	36,303	3,671	2.90
47°F(8°C)	43,736	3,263	3.93	43,286	3,334	3.81	42,826	3,447	3.64	42,613	3,508	3.56	40,875	3,509	3.42	38,163	3,151	3.55	33,930	2,792	3.56
55°F(13°C)	47,568	3,510	3.97	46,997	3,647	3.78	44,963	3,531	3.73	43,550	3,437	3.72	41,288	3,223	3.76	38,026	2,906	3.84	34,425	2,625	3.85
65°F(18°C)	45,238	3,037	4.37	44,715	3,173	4.13	43,826	3,285	3.91	40,482	3,029	3.92	40,397	3,006	3.94	37,166	2,628	4.15	33,133	2,626	3.70
75°F(24°C)	40,166	2,269	5.19	39,411	2,366	4.88	38,644	2,466	4.60	38,351	2,525	4.45	38,033	2,578	4.33	37,563	2,662	4.14	37,051	2,469	4.40

Cooling Capacity Data - Non Ducted

TC: Total Capacity, PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB/WB)																							
	64/53			68/57			72/61			77/64			80/67			82/70			86/72			90/75		
	TC	PI	EER	TC	PI	EER	TC	PI	EER	TC	PI	EER	TC	PI	EER	TC	PI	EER	TC	PI	EER	TC	PI	EER
	(Btu/h)	(W)		(Btu/h)	(W)		(Btu/h)	(W)		(Btu/h)	(W)		(Btu/h)	(W)		(Btu/h)	(W)		(Btu/h)	(W)		(Btu/h)	(W)	
14°F(-10°C)	15,152	1,047	14.47	21,044	1,434	14.68	31,885	1,993	16.00	39,334	2,358	16.68	39,840	2,533	15.73	45,540	2,614	17.42	46,509	2,694	17.26	47,068	2,721	17.30
32°F(0°C)	14,688	1,173	12.52	20,400	1,577	12.94	30,909	2,191	14.11	37,424	2,593	14.43	41,161	2,575	15.98	43,451	2,827	15.37	44,184	2,909	15.19	44,714	2,938	15.22
50°F(10°C)	16,234	1,303	12.46	22,547	1,786	12.62	31,885	2,480	12.86	39,716	2,936	13.53	43,555	3,153	13.81	44,078	3,200	13.77	45,833	3,232	14.18	46,212	3,265	14.15
68°F(20°C)	17,780	1,629	10.91	24,695	2,232	11.06	35,139	3,101	11.33	41,167	3,670	11.22	45,743	3,942	11.60	45,833	4,001	11.46	47,905	4,041	11.85	48,779	4,081	11.95
86°F(30°C)	16,698	1,955	8.54	23,192	2,679	8.66	34,488	3,721	9.27	40,365	4,501	8.97	43,596	4,730	9.22	43,618	4,801	9.09	45,579	4,849	9.40	45,784	4,897	9.35
95°F(35°C)	15,461	2,173	7.12	21,474	2,977	7.21	32,536	4,134	7.87	38,188	4,893	7.80	41,285	5,256	7.85	41,780	5,334	7.83	42,281	5,388	7.85	42,789	5,442	7.86
104°F(40°C)	15,693	2,281	6.88	20,400	3,066	6.65	30,909	4,341	7.12	36,088	5,138	7.02	37,156	5,361	6.93	38,196	5,441	7.02	39,113	5,495	7.12	40,169	5,550	7.24
110°F(43°C)	15,847	2,347	6.75	22,547	3,274	6.89	26,029	3,721	7.00	30,169	4,257	7.09	30,963	4,309	7.19	31,830	4,374	7.28	34,186	4,418	7.74	36,237	4,462	8.12
115°F(46°C)	16,157	2,499	6.47	19,541	2,858	6.84	21,636	3,018	7.17	23,486	3,180	7.39	25,781	3,247	7.94	26,605	3,344	7.96	27,670	3,444	8.03	28,777	3,513	8.19

Cooling Capacity Data - Ducted

TC: Total Capacity, PI: Power Input

Outdoor Air Temp DB	Indoor Temperature (°F, DB/WB)																							
	64/53			68/57			72/61			77/64			80/67			82/70			86/72			90/75		
	TC (Btu/h)	PI (W)	EER	TC (Btu/h)	PI (W)	EER	TC (Btu/h)	PI (W)	EER	TC (Btu/h)	PI (W)	EER	TC (Btu/h)	PI (W)	EER	TC (Btu/h)	PI (W)	EER	TC (Btu/h)	PI (W)	EER	TC (Btu/h)	PI (W)	EER
14°F(-10°C)	15,107	1,134	13.32	20,982	1,554	13.50	31,791	2,159	14.72	39,218	2,555	15.35	39,722	2,744	14.48	45,406	2,831	16.04	46,372	2,918	15.89	46,928	2,947	15.92
32°F(0°C)	14,644	1,271	11.52	20,340	1,709	11.90	30,818	2,374	12.98	37,314	2,809	13.28	41,039	2,790	14.71	43,323	3,063	14.14	44,053	3,152	13.98	44,582	3,183	14.01
50°F(10°C)	16,186	1,412	11.46	22,481	1,935	11.62	31,791	2,687	11.83	39,598	3,180	12.45	43,426	3,416	12.71	43,948	3,467	12.68	45,698	3,502	13.05	46,075	3,537	13.03
68°F(20°C)	17,728	1,765	10.04	24,622	2,418	10.18	35,035	3,359	10.43	41,045	3,975	10.33	45,608	4,270	10.68	45,697	4,334	10.54	47,763	4,377	10.91	48,635	4,421	11.00
86°F(30°C)	16,649	2,118	7.86	23,123	2,902	7.97	34,386	4,031	8.53	40,246	4,877	8.25	43,468	5,124	8.48	43,489	5,201	8.36	45,445	5,253	8.65	45,649	5,306	8.60
95°F(35°C)	15,415	2,354	6.55	21,410	3,225	6.64	32,440	4,479	7.24	38,075	5,301	7.18	41,163	5,694	7.23	41,656	5,779	7.21	42,156	5,837	7.22	42,662	5,895	7.24
104°F(40°C)	15,646	2,472	6.33	20,340	3,321	6.12	30,818	4,703	6.55	35,981	5,566	6.46	37,046	5,807	6.38	38,084	5,894	6.46	38,998	5,953	6.55	40,050	6,013	6.66
110°F(43°C)	15,801	2,542	6.22	22,481	3,547	6.34	25,952	4,031	6.44	29,699	4,611	6.44	30,872	4,782	6.46	31,736	4,830	6.57	34,085	4,879	6.99	36,471	4,927	7.40
115°F(46°C)	16,109	2,707	5.95	19,697	3,160	6.23	21,572	3,404	6.34	24,558	3,869	6.35	26,433	3,981	6.64	27,278	4,100	6.65	29,297	4,141	7.07	31,348	4,182	7.50

Haier FlexFit Multi Series Submittal

7000 BTU/HR WALL MOUNTED INVERTER DRIVEN HEAT PUMP SYSTEM(INDOOR for multi-zone)

AW07LC2VHB

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	7,000 BTU
Rated Heating Capacity	8,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
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Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible Wired Controllers (requires WK-B adapter)

Simplified Wired Controller (QACT17A)

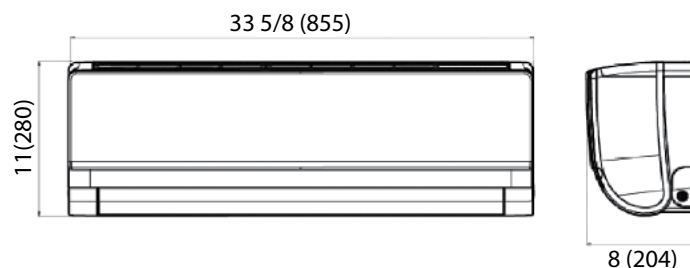
Programmable Wired Controller (YR-E16B)

WiFi

Compatible with WiFi Module (QAWF01A)

Indoor Unit

Uncrated Dimension (HxWxD)	11 x 33 5/8 x 8 in (280 x 855 x 204 mm)
Crated (HxWxD)	14 x 37 1/2 x 11 in (355 x 954 x 279 mm)
Airflow CFM (Turbo/High/Med/Low/Quiet)	410/350/295/235/205
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	43/38/33/26/22
Motor Rating (HP)	0.054
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	26.9/22.0 lbs



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Haier FlexFit Multi Series Submittal

9000 BTU/HR WALL MOUNTED INVERTER DRIVEN HEAT PUMP SYSTEM(INDOOR for multi-zone)

AW09LC2VHB

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	9,000 BTU
Rated Heating Capacity	10,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
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Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible Wired Controllers (requires WK-B adapter)

Simplified Wired Controller (QACT17A)

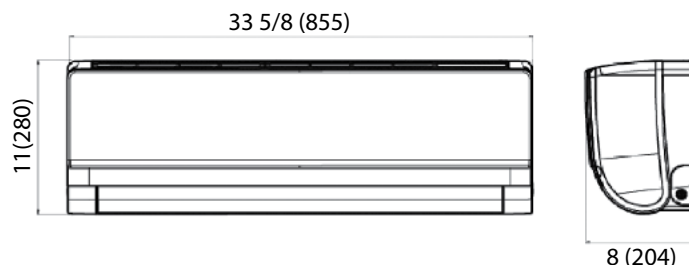
Programmable Wired Controller (YR-E16B)

WiFi

Compatible with WiFi Module (QAWF01A)

Indoor Unit

Uncrated Dimension (HxWxD)	11 x 33 5/8 x 8 in (280 x 855 x 204 mm)
Crated (HxWxD)	14 x 37 1/2 x 11 in (355 x 954 x 279 mm)
Airflow CFM (Turbo/High/Med/Low/Quiet)	410/350/295/235/205
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	43/38/33/26/22
Motor Rating (HP)	0.054
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	26.9/22.0 lbs



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12000 BTU/HR WALL MOUNTED INVERTER DRIVEN HEAT PUMP SYSTEM(INDOOR for multi-zone)

AW12LC2VHB

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	12,000 BTU
Rated Heating Capacity	13,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
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Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible Wired Controllers (requires WK-B adapter)

Simplified Wired Controller (QACT17A)

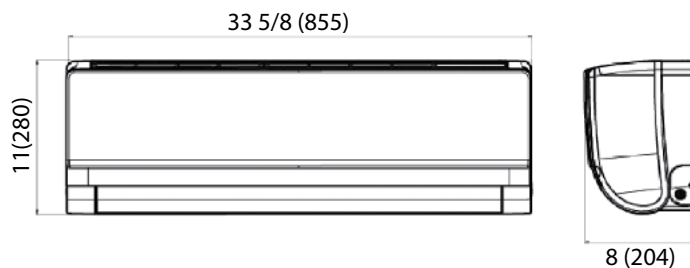
Programmable Wired Controller (YR-E16B)

WiFi

Compatible with WiFi Module (QAWF01A)

Indoor Unit

Uncrated Dimension (HxWxD)	11 x 33 5/8 x 8 in (280 x 855 x 204 mm)
Crated (HxWxD)	14 x 37 1/2 x 11 in (355 x 954 x 279 mm)
Airflow CFM (Turbo/High/Med/Low/Quiet)	440/380/320/265/215
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	44/39/34/27/23
Motor Rating (HP)	0.054
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	26.9/22.0 lbs



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FlexFit Multi Series Submittal

18000 BTU/HR WALL MOUNTED INVERTER DRIVEN HEAT PUMP SYSTEM(INDOOR for multi-zone)

AW18LC2VHB

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	18,000 BTU
Rated Heating Capacity	19,000 BTU

Piping

Flare Connections	1/4" (Liquid) 1/2" (Vapor)
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Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible Wired Controllers (requires WK-B adapter)

Simplified Wired Controller (QACT17A)

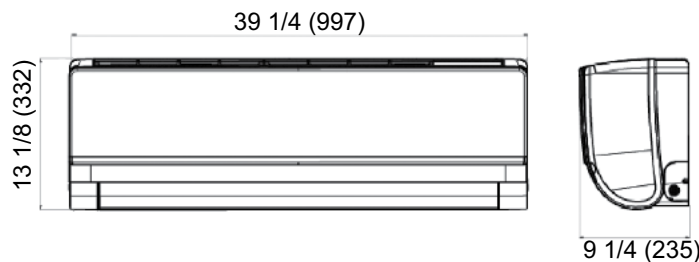
Programmable Wired Controller (YR-E16B)

WiFi

Compatible with WiFi Module (QAWF01A)

Indoor Unit

Uncrated Dimension (HxWxD)	13 1/8 x 39 1/4 x 9 1/4 in (332 x 997 x 235 mm)
Crated (HxWxD)	15 7/8 x 42 3/4 x 13 in (403 x 1085 x 329 mm)
Airflow CFM (Turbo/High/Med/Low/Quiet)	636/530/483/430/383
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	48/45/40/35/30
Motor Rating (HP)	0.054
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	35.3/28.7 lbs



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Haier FlexFit Multi Series Submittal

24,000 BTU/HR WALL MOUNTED INVERTER DRIVEN HEAT PUMP SYSTEM(INDOOR for multi-zone)

AW24LP2VHA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	24,000 BTU
Rated Heating Capacity	27,000 BTU

Piping

Flare Connections	3/8" (Liquid) 5/8" (Vapor)
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Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible Wired Controllers (requires WK-B adapter)

Simplified Wired Controller (QACT17A)

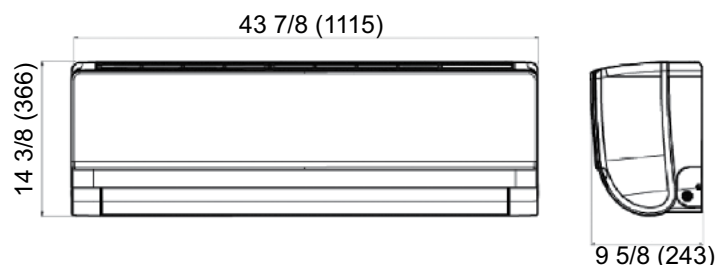
Programmable Wired Controller (YR-E16B)

WiFi

Compatible with WiFi Module (QAWF01A)

Indoor Unit

Uncrated Dimension (HxWxD)	14 3/8 x 43 7/8 x 9 5/8 in (366 x 1115 x 243 mm)
Crated (HxWxD)	16 1/2 x 47 1/2 x 13 1/2 in (418 x 1206 x 342 mm)
Airflow CFM (Turbo/High/Med/Low/Quiet)	710/650/560/440/410
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	49/47/42/36/34
Motor Rating (HP)	0.094
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	45.4/37.5 lbs



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Haier FlexFit Multi Series Submittal

7,000 BTU/HR WALL MOUNTED INVERTER DRIVEN HEAT PUMP SYSTEM(INDOOR for multi-zone)

AW07TC2HDA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	7,000 BTU
Rated Heating Capacity	8,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
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Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible Wired Controllers (no adapter required)

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Built-in WiFi

Indoor Unit

Uncrated Dimension (HxWxD)	12 x 33 3/4 x 7 3/4 in (301 x 856 x 196 mm)
Crated (HxWxD)	14 3/4 x 36 7/8 x 10 1/2 in (374 x 937 x 265 mm)
Airflow CFM (Turbo/High/Med/Low/Quiet)	400/315/274/222/187
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	42/36/33/29/26
Motor Rating (HP)	0.04
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	26.9/21.2 lbs



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Haier FlexFit Multi Series Submittal

9,000 BTU/HR WALL MOUNTED INVERTER DRIVEN HEAT PUMP SYSTEM(INDOOR for multi-zone)

AW09TC2HDA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	9,000 BTU
Rated Heating Capacity	10,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
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Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible Wired Controllers (no adapter required)

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Built-in WiFi

Indoor Unit

Uncrated Dimension (HxWxD)	12 x 33 3/4 x 7 3/4 in (301 x 856 x 196 mm)
Crated (HxWxD)	14 3/4 x 36 7/8 x 10 1/2 in (374 x 937 x 265 mm)
Airflow CFM (Turbo/High/Med/Low/Quiet)	421/332/292/242/200
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	42/36/33/29/26
Motor Rating (HP)	0.04
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	26.9/21.2 lbs



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12,000 BTU/HR WALL MOUNTED INVERTER DRIVEN HEAT PUMP SYSTEM(INDOOR for multi-zone)

AW12TC2HDA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	12,000 BTU
Rated Heating Capacity	13,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
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Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible Wired Controllers (no adapter required)

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Built-in WiFi

Indoor Unit

Uncrated Dimension (HxWxD)	12 x 33 3/4 x 7 3/4 in (301 x 856 x 196 mm)
Crated (HxWxD)	14 3/4 x 36 7/8 x 10 1/2 in (374 x 937 x 265 mm)
Airflow CFM (Turbo/High/Med/Low/Quiet)	426/360/310/265/200
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	42/38/34/31/26
Motor Rating (HP)	0.04
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	26.9/21.2 lbs



Haier FlexFit Multi Series Submittal

18,000 BTU/HR WALL MOUNTED INVERTER DRIVEN HEAT PUMP SYSTEM(INDOOR for multi-zone)

AW18TC2HDA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

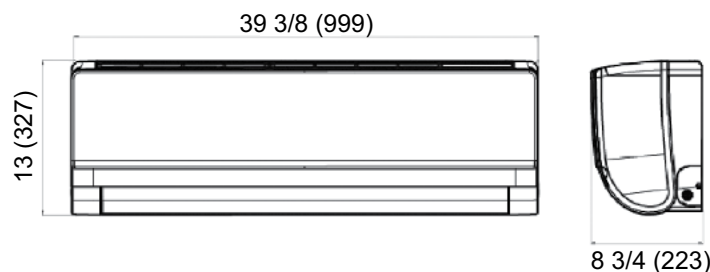
Rated Cooling Capacity	18,000 BTU
Rated Heating Capacity	19,000 BTU

Piping

Flare Connections	1/4" (Liquid) 1/2" (Vapor)
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Indoor Unit

Uncrated Dimension (HxWxD)	13 x 39 3/8 x 8 3/4 in (327 x 999 x 223 mm)
Crated (HxWxD)	16 1/2 x 43 3/8 x 12 3/8 in (420 x 1100 x 313 mm)
Airflow CFM (Turbo/High/Med/Low/Quiet)	596/532/478/422/340
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	48/45/42/39/36
Motor Rating (HP)	0.054
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	34.77/28.06 lbs



Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible Wired Controllers (no adapter required)

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Built-in WiFi



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Haier FlexFit Multi Series Submittal

24,000 BTU/HR WALL MOUNTED INVERTER DRIVEN HEAT PUMP SYSTEM(INDOOR for multi-zone)

AW24TC2HDA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	22,000 BTU
Rated Heating Capacity	24,000 BTU

Piping

Flare Connections	1/4" (Liquid) 1/2" (Vapor)
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Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible Wired Controllers (no adapter required)

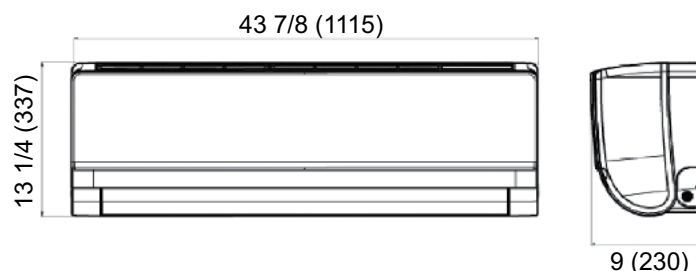
Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Built-in WiFi

Indoor Unit

Uncrated Dimension (HxWxD)	13 1/4 x 43 7/8 x 9 in (337 x 1115 x 230 mm)
Crated (HxWxD)	17 x 47 3/8 x 12 5/8 in (432 x 1202 x 319 mm)
Airflow CFM (Turbo/High/Med/Low/Quiet)	846/744/668/592/482
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	50/47/44/41/38
Motor Rating (HP)	0.094
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	42.99/34.88 lbs



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Haier FlexFit Multi Series Submittal

9000 BTU/HR CASSETTE TYPE INDOOR

AB09SC2VHA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	9,000 BTU
Rated Heating Capacity	10,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
-------------------	-------------------------------

Indoor Unit

Chassis Uncrated Dimension (HxWxD)	10 1/4 x 22 1/2 x 22 1/2 in (260 x 570 x 570 mm)
Chassis Crated (HxWxD)	15 x 28 1/4 x 26 3/4 in (380 x 718 x 680 mm)
Panel Uncrated Dimension (HxWxD)	2 3/8 x 27 1/2 x 27 1/2 in (60 x 700 x 700 mm)
Panel Crated (HxWxD)	4 1/2 x 29 1/8 x 29 1/2 in (115 x 740 x 750 mm)
Airflow CFM (Turbo/High/Med/Low/Quiet)	410/365/305/265/205
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	42/40/36/32/25
Motor Rating (HP)	0.033
Heat Exchanger Fin Type	Blue Fin
Condensate Pump	Included - 47.2 in Lift
Weight (Ship/Net)	46.3/37.5 lbs

Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible Wired Controllers

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Panel

PB-700KB is required to complete the installation and it must be ordered separately.



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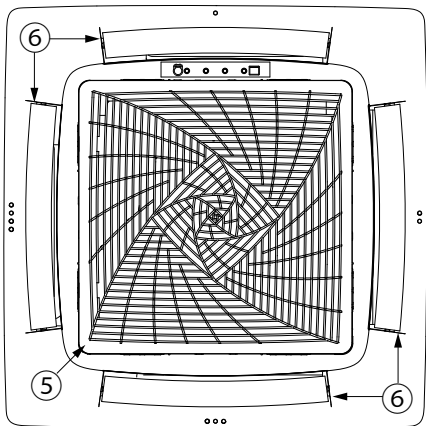
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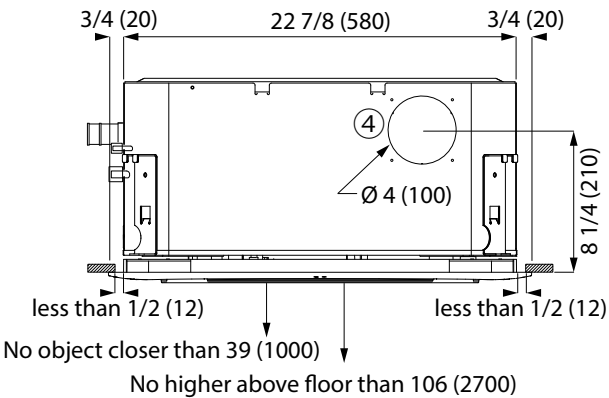
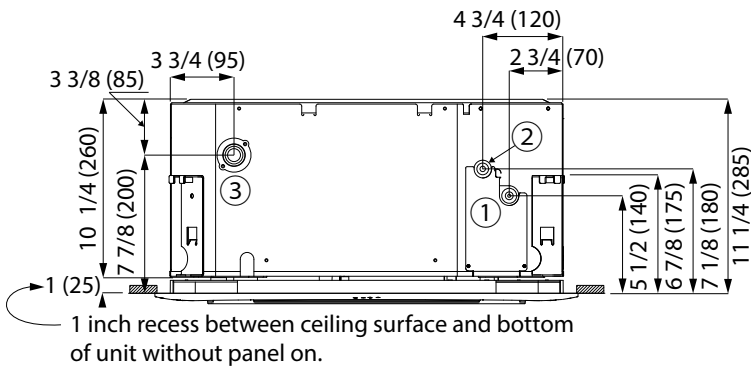
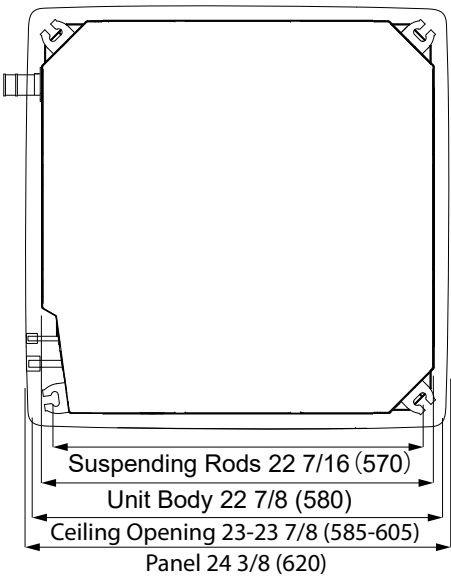
Haier FlexFit Multi Series Submittal

9000 BTU/HR CASSETTE TYPE INDOOR AB09SC2VHA



#	Part Name
1	Vapor Pipe
2	Liquid Pipe
3	Drain Pump Outlet
4	Fresh Air Inlet
5	Air Return Grille
6	Air Supply

More than 59 (1500) to wall on all sides



Haier FlexFit Multi Series Submittal

12000 BTU/HR CASSETTE TYPE INDOOR

AB12SC2VHA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	12,000 BTU
Rated Heating Capacity	13,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
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Indoor Unit

Chassis Uncrated Dimension (HxWxD)	10 1/4 x 22 1/2 x 22 1/2 in (260 x 570 x 570 mm)
Chassis Crated (HxWxD)	15 x 28 1/4 x 26 3/4 in (380 x 718 x 680 mm)
Panel Uncrated Dimension (HxWxD)	2 3/8 x 27 1/2 x 27 1/2 in (60 x 700 x 700 mm)
Panel Crated (HxWxD)	4 1/2 x 29 1/8 x 29 1/2 in (115 x 740 x 750 mm)
Airflow CFM (Turbo/High/Med/Low/Quiet)	410/365/305/265/205
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	42/40/36/32/25
Motor Rating (HP)	0.033
Heat Exchanger Fin Type	Blue Fin
Condensate Pump	Included - 47.2 in Lift
Weight (Ship/Net)	48.5/40.8 lbs

Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible Wired Controllers

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Panel

PB-700KB is required to complete the installation and it must be ordered separately



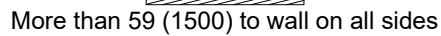
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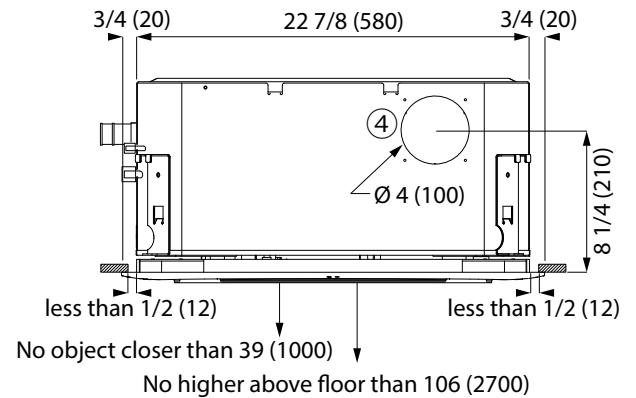
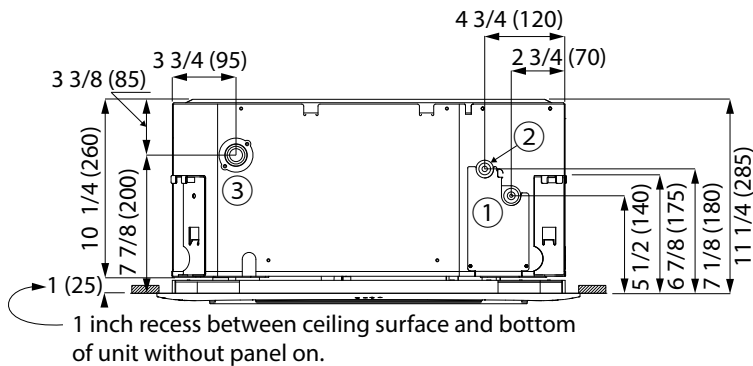
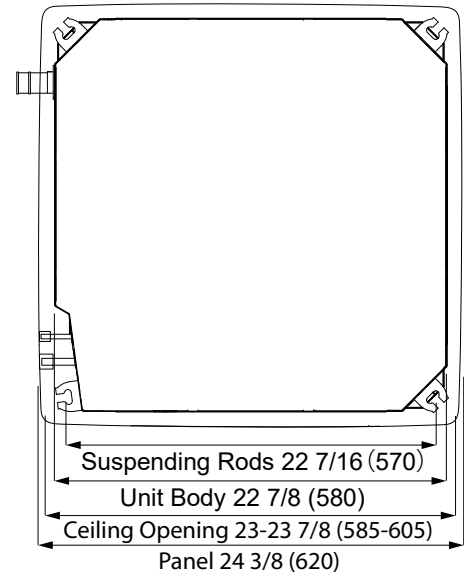
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AB12SC2VHA



#	Part Name
1	Vapor Pipe
2	Liquid Pipe
3	Drain Pump Outlet
4	Fresh Air Inlet
5	Air Return Grille
6	Air Supply



Haier FlexFit Multi Series Submittal

18000 BTU/HR CASSETTE TYPE INDOOR

AB18SC2VHA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	18,000 BTU
Rated Heating Capacity	19,000 BTU

Piping

Flare Connections	1/4" (Liquid) 1/2" (Vapor)
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Indoor Unit

Chassis Uncrated Dimension (HxWxD)	10 1/4 x 22 1/2 x 22 1/2 in (260 x 570 x 570 mm)
Chassis Crated (HxWxD)	15 x 28 1/4 x 26 3/4 in (380 x 718 x 680 mm)
Panel Uncrated Dimension (HxWxD)	2 3/8 x 27 1/2 x 27 1/2 in (60 x 700 x 700 mm)
Panel Crated (HxWxD)	4 1/2 x 29 1/8 x 29 1/2 in (115 x 740 x 750 mm)
Airflow CFM (Turbo/High/Med/Low/Quiet)	470/410/365/295/252
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	45/42/40/36/32
Motor Rating (HP)	0.033
Heat Exchanger Fin Type	Blue Fin
Condensate Pump	Included - 47.2 in Lift
Weight (Ship/Net)	48.5/40.8 lbs

Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible Wired Controllers

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Panel

PB-700KB is required to complete the installation and it must be ordered separately



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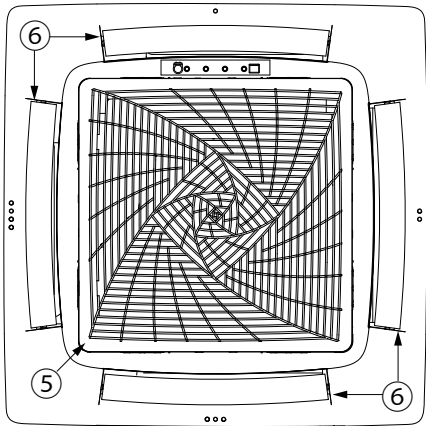
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FlexFit Multi Series Submittal

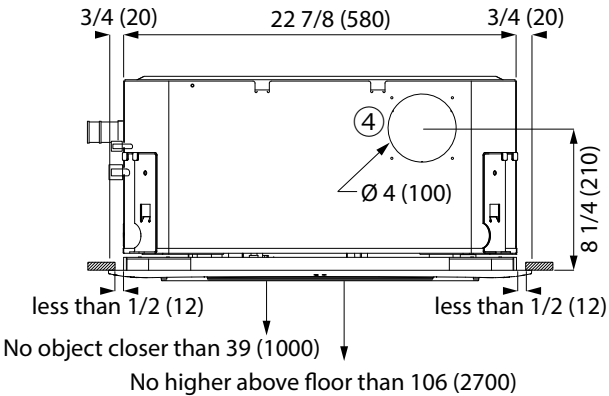
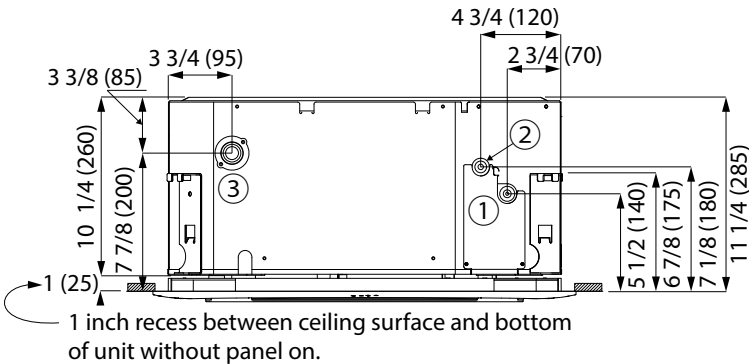
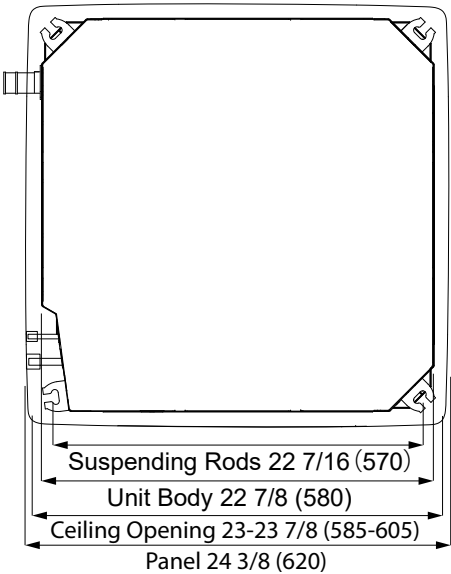
18000 BTU/HR CASSETTE TYPE INDOOR

AB18SC2VHA



#	Part Name
1	Vapor Pipe
2	Liquid Pipe
3	Drain Pump Outlet
4	Fresh Air Inlet
5	Air Return Grille
6	Air Supply

More than 59 (1500) to wall on all sides



Haier FlexFit Multi Series Submittal

24,000 BTU/HR CASSETTE TYPE INDOOR

AL24LP2VHA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	24,000 BTU
Rated Heating Capacity	27,300 BTU

Piping

Flare Connections	3/8" (Liquid) 5/8" (Vapor)
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Indoor Unit

Chassis Uncrated Dimension (HxWxD)	9 5/8 x 33 1/8 x 33 1/8 in (246 x 840 x 840 mm)
Chassis Crated (HxWxD)	12 1/4 x 39 x 39 in (310 x 990 x 990 mm)
Panel Uncrated Dimension (HxWxD)	2 x 37 3/8 x 37 3/8 (50 x 950 x 950 mm)
Panel Crated (HxWxD)	4 3/8 x 39 3/8 x 39 3/8 (110 x 1000 x 1000 mm)
Airflow CFM (Turbo/High/Med/Low/Quiet)	740/630/480/400
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	36/33/29/26
Motor Rating (HP)	0.0161
Heat Exchanger Fin Type	Blue Fin
Condensate Pump	Included - 47.2 in Lift
Weight (Ship/Net)	79.4/68.3 lbs

Accessories

Remote Controller

Ships with Large Cassette Remote (YR-HBS01)

Compatible Wired Controllers

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Panel

PB-950KB



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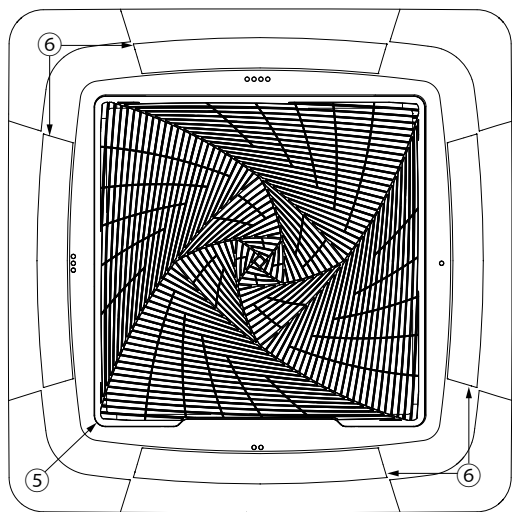
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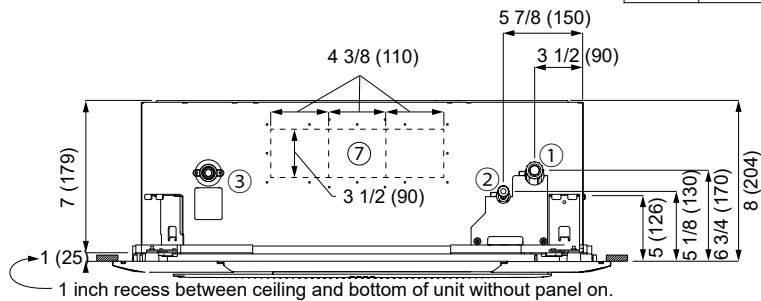
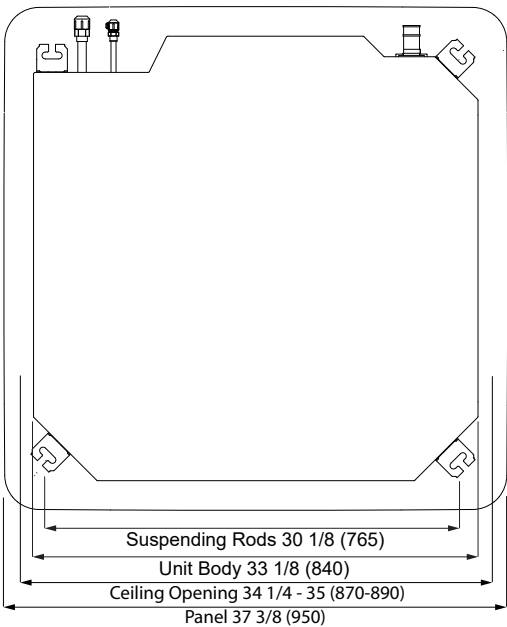
24,000 BTU/HR CASSETTE TYPE INDOOR

AL24LP2VHA

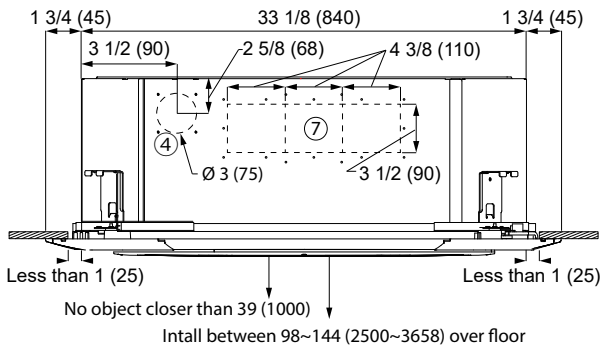


More than 59 (1500) to wall on all sides

#	Part Name
1	Vapor Pipe
2	Liquid Pipe
3	Drain Pump Outlet
4	Fresh Air Inlet
5	Air Return Grille
6	Air Supply
7	Auxiliary Air Supply



1 inch recess between ceiling and bottom of unit without panel on.



No object closer than 39 (1000)
Intall between 98~144 (2500~3658) over floor

Haier FlexFit Multi Series Submittal

7000 BTU/HR SLIM DUCT TYPE INDOOR

AD07SL2VHB

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	7,000 BTU
Rated Heating Capacity	8,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
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Indoor Unit

Uncrated Dimension (HxWxD)	7 1/4 x 33 1/2 x 16 1/2 in (185 x 850 x 420 mm)
Crated (HxWxD)	10 3/8 x 40 3/4 x 21 1/4 in (265 x 1035 x 540 mm)
Maximum ESP (IWC)	0.16
Airflow CFM (Turbo/High/Med/Low/Quiet)	353/312/270/230/188
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	35/33/29/26/21
Motor Rating (HP)	0.066
Heat Exchanger Fin Type	Blue Fin
Condensate Pump	Included - 27.5 in Lift
Weight (Ship/Net)	47.2/36.8 lbs

Accessories

Wired Controller

Ships with the Touch Wall Controller (YR-E17)

Compatible Wired Controllers

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Grilles

Return Grille - PAD0890RA

Supply Grille - PAD0890SA



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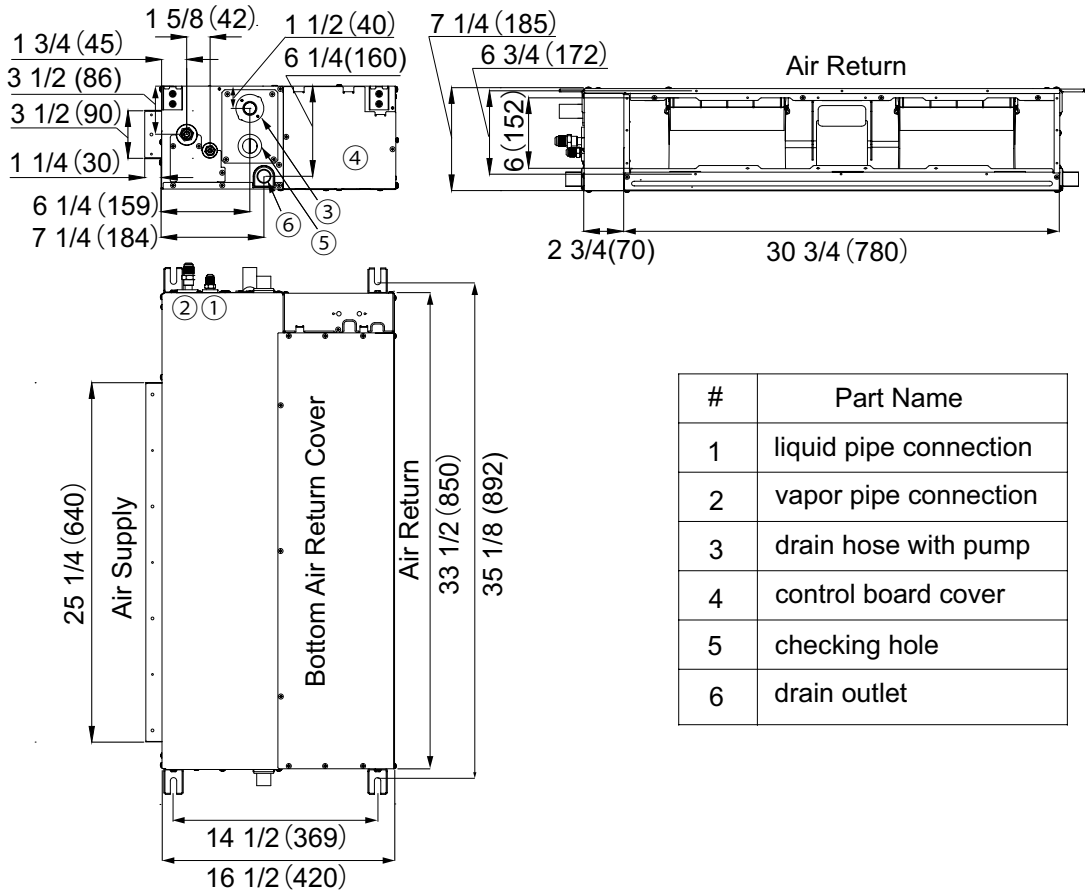
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Haier FlexFit Multi Series Submittal

7000 BTU/HR SLIM DUCT TYPE INDOOR

AD07SL2VHB



Haier FlexFit Multi Series Submittal

9000 BTU/HR SLIM DUCT TYPE INDOOR

AD09SL2VHB

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	9,000 BTU
Rated Heating Capacity	10,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
-------------------	-------------------------------

Indoor Unit

Uncrated Dimension (HxWxD)	7 1/4 x 33 1/2 x 16 1/2 in (185 x 850 x 420 mm)
Crated (HxWxD)	10 3/8 x 40 3/4 x 21 1/4 in (265 x 1035 x 540 mm)
Maximum ESP (IWC)	0.16
Airflow CFM (Turbo/High/Med/Low/Quiet)	353/312/270/230/188
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	35/33/29/26/22
Motor Rating (HP)	0.066
Heat Exchanger Fin Type	Blue Fin
Condensate Pump	Included - 27.5 in Lift
Weight (Ship/Net)	47.2/36.8 lbs

Accessories

Wired Controller

Ships with the Touch Wall Controller (YR-E17)

Compatible Wired Controllers

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Grilles

Return Grille - PAD0890RA

Supply Grille - PAD0890SA



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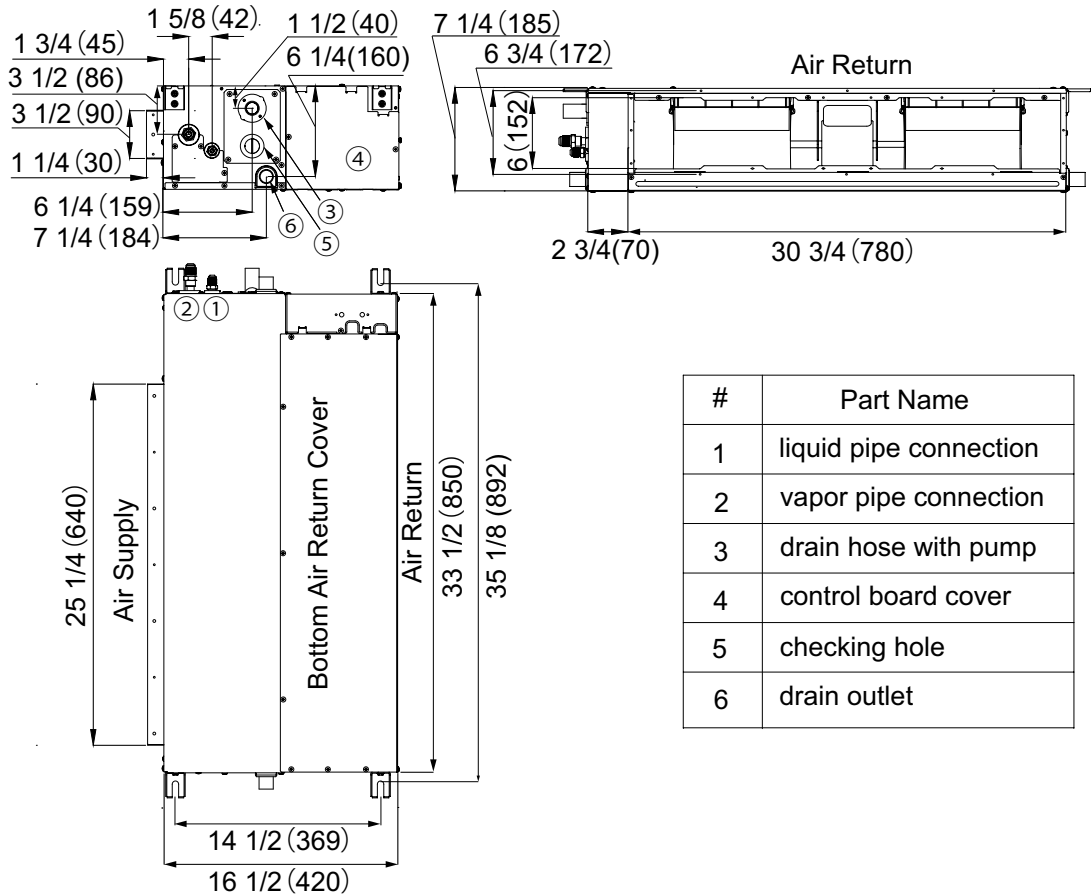
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Haier FlexFit Multi Series Submittal

9000 BTU/HR SLIM DUCT TYPE INDOOR

AD09SL2VHB



#	Part Name
1	liquid pipe connection
2	vapor pipe connection
3	drain hose with pump
4	control board cover
5	checking hole
6	drain outlet

Haier FlexFit Multi Series Submittal

12000 BTU/HR SLIM DUCT TYPE INDOOR

AD12SL2VHB

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	12,000 BTU
Rated Heating Capacity	13,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
-------------------	-------------------------------

Indoor Unit

Uncrated Dimension (HxWxD)	7 1/4 x 33 1/2 x 16 1/2 in (185 x 850 x 420 mm)
Crated (HxWxD)	10 3/8 x 40 3/4 x 21 1/4 in (265 x 1035 x 540 mm)
Maximum ESP (IWC)	0.16
Airflow CFM (Turbo/High/Med/Low/Quiet)	400/353/282/247/218
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	38/35/29/26/23
Motor Rating (HP)	0.085
Heat Exchanger Fin Type	Blue Fin
Condensate Pump	Included - 27.5 in Lift
Weight (Ship/Net)	47.2/36.8 lbs

Accessories

Wired Controller

Ships with the Touch Wall Controller (YR-E17)

Compatible Wired Controllers

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Grilles

Return Grille - PAD0890RA

Supply Grille - PAD0890SA



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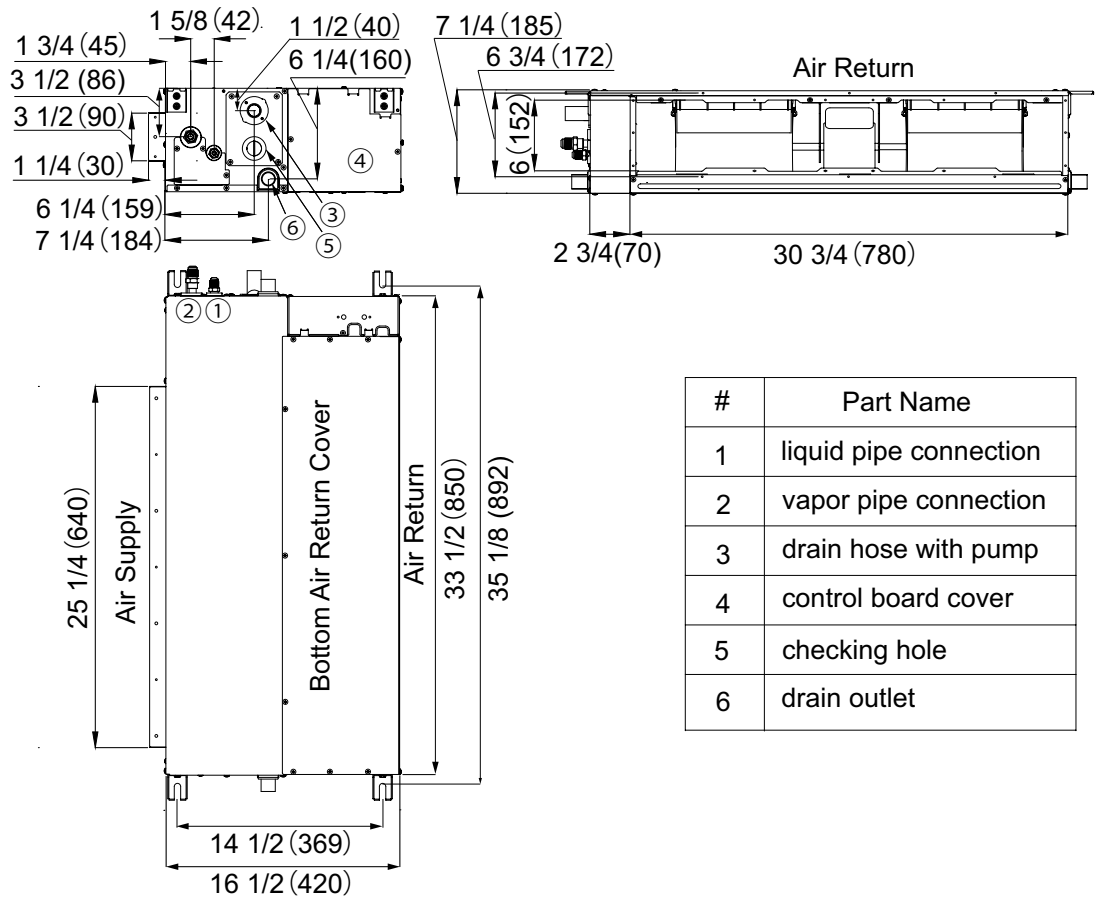
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Haier FlexFit Multi Series Submittal

12000 BTU/HR SLIM DUCT TYPE INDOOR

AD12SL2VHB



Haier FlexFit Multi Series Submittal

18000 BTU/HR SLIM DUCT TYPE INDOOR

AD18SL2VHB

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	18,000 BTU
Rated Heating Capacity	19,000 BTU

Piping

Flare Connections	1/4" (Liquid) 1/2" (Vapor)
-------------------	-------------------------------

Indoor Unit

Uncrated Dimension (HxWxD)	7 1/4 x 33 1/2 x 16 1/2 in (185 x 850 x 420 mm)
Crated (HxWxD)	10 3/8 x 40 3/4 x 21 1/4 in (265 x 1035 x 540 mm)
Maximum ESP (IWC)	0.16
Airflow CFM (Turbo/High/Med/Low/Quiet)	540/500/447/365/306
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	31/29/23/29/25
Motor Rating (HP)	0.114
Heat Exchanger Fin Type	Blue Fin
Condensate Pump	Included - 27.5 in Lift
Weight (Ship/Net)	62.4/48.5 lbs

Accessories

Wired Controller

Ships with the Touch Wall Controller (YR-E17)

Compatible Wired Controllers

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Grilles

Return Grille - PAD1210RA

Supply Grille - PAD1210SA



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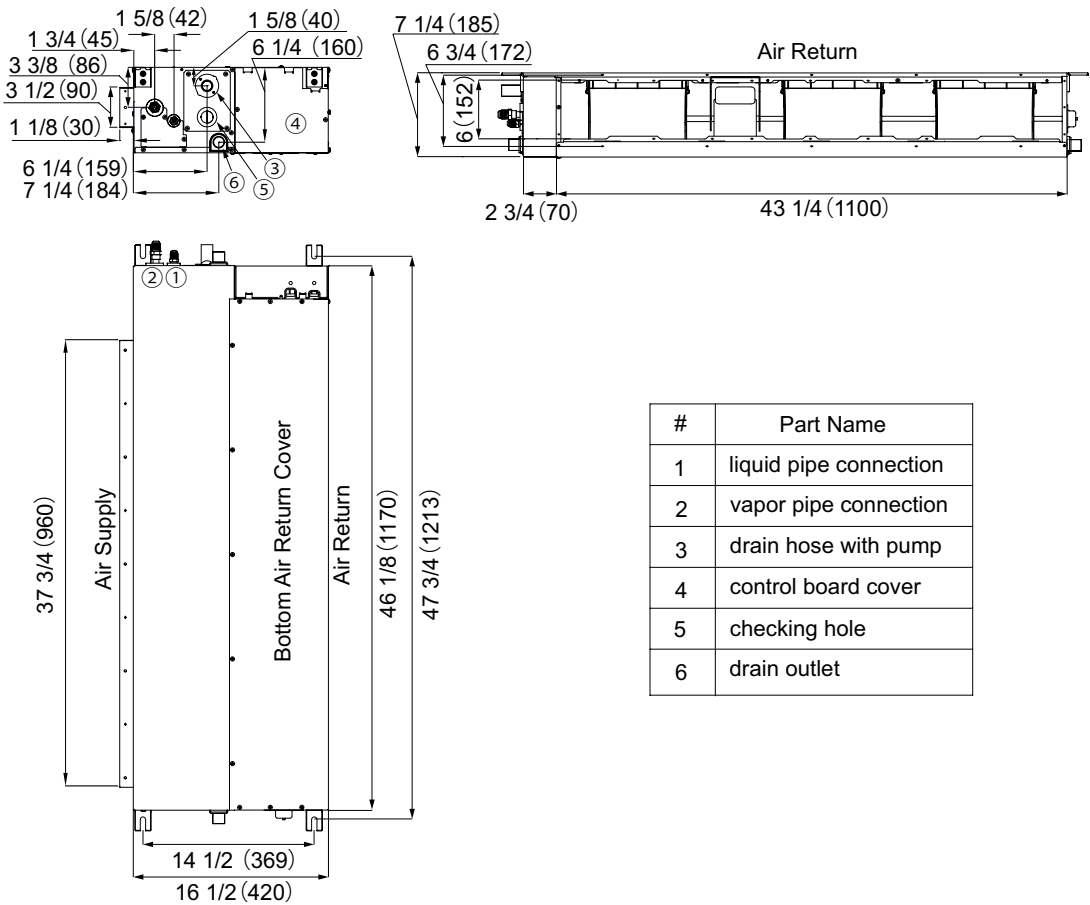
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Haier FlexFit Multi Series Submittal

18000 BTU/HR SLIM DUCT TYPE INDOOR

AD18SL2VHB



Haier FlexFit Multi Series Submittal

24000 BTU/HR HIGH STATIC DUCTED INDOOR

AM24LP2VHA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	24,000 BTU
Rated Heating Capacity	26,500 BTU

Piping

Flare Connections	3/8" (Liquid) 5/8" (Vapor)
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Indoor Unit

Uncrated Dimension (HxWxD)	9 7/8 x 41 3/8 x 28 3/8 in (250 x 1050 x 720 mm)
Crated (HxWxD)	13 3/8 x 46 1/8 x 33 7/8 in (340 x 1170 x 860 mm)
Maximum ESP (IWC)	0.60
Airflow CFM (Turbo/High/Med/Low/Quiet)	845/670/530/470
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	38/35/32/29
Motor Rating (HP)	0.362
Heat Exchanger Fin Type	Blue Fin
Condensate Pump	Included - 27.5 in Lift
Weight (Ship/Net)	81.6/68.8 lbs

Accessories

Wired Controller

Ships with the Touch Wall Controller (YR-E17)

Compatible Wired Controllers

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)



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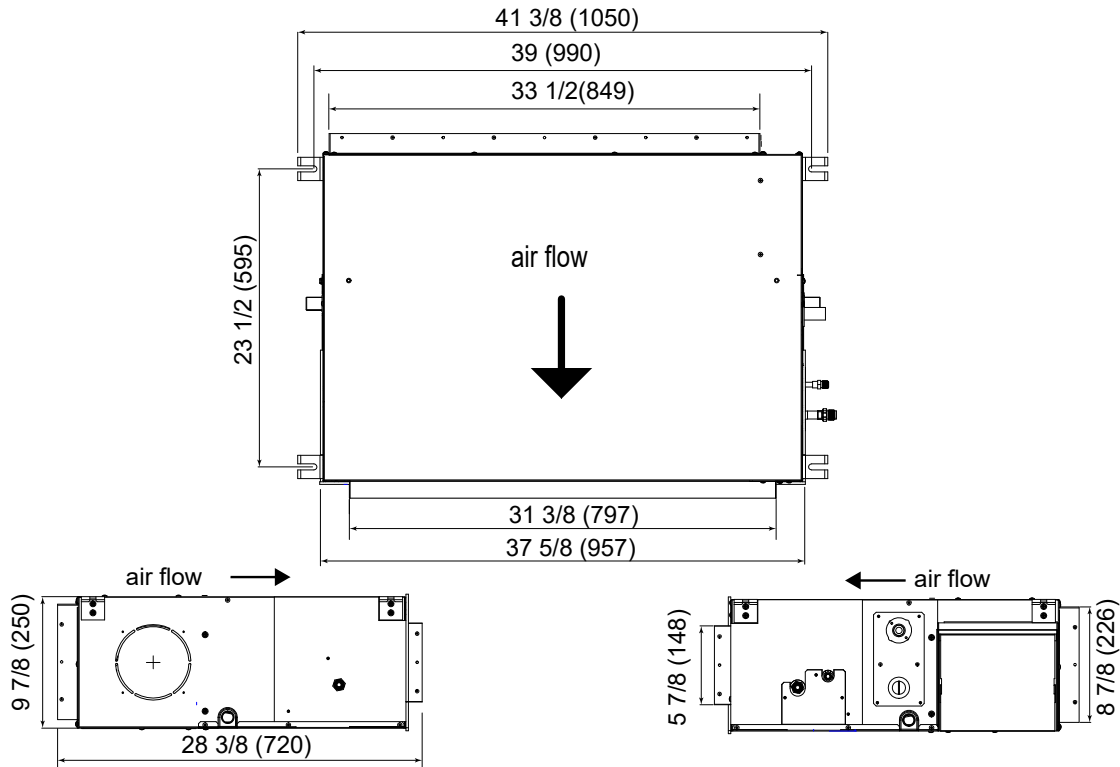
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Haier FlexFit Multi Series Submittal

24000 BTU/HR HIGH STATIC DUCTED INDOOR

AM24LP2VHA



Haier FlexFit Multi Series Submittal

9000 BTU/HR MID-STATIC DUCTED INDOOR

USYM09UCDSA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	9,000 BTU
Rated Heating Capacity	10,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
Drain Pipe	1 1/4"

Accessories

Wired Controller

Controller must be ordered separately

Compatible With

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Built-in WiFi

Supply Plenum

UAPT0912A

Return MERV Filter Box

UAMFB0912A

Indoor Unit

Uncrated Dimension (HxWxD)	9 3/4 x 27 1/2 x 27 1/2 in (248 x 700 x 700 mm)
Crated (HxWxD)	13 1/4 x 37 1/2 x 35 1/2 in (340 x 950 x 900 mm)
Maximum ESP (IWC)	0.6
Airflow CFM (Turbo/High/Med/Low)	494/423/352/264
Indoor Sound Level dB (Turbo/High/Med/Low)	35/32/29/26
Motor Rating (HP)	0.18
Heat Exchanger Fin Type	Blue Fin
Condensate Pump	Included - 39 in. Lift
Weight (Ship/Net)	57/66 lbs



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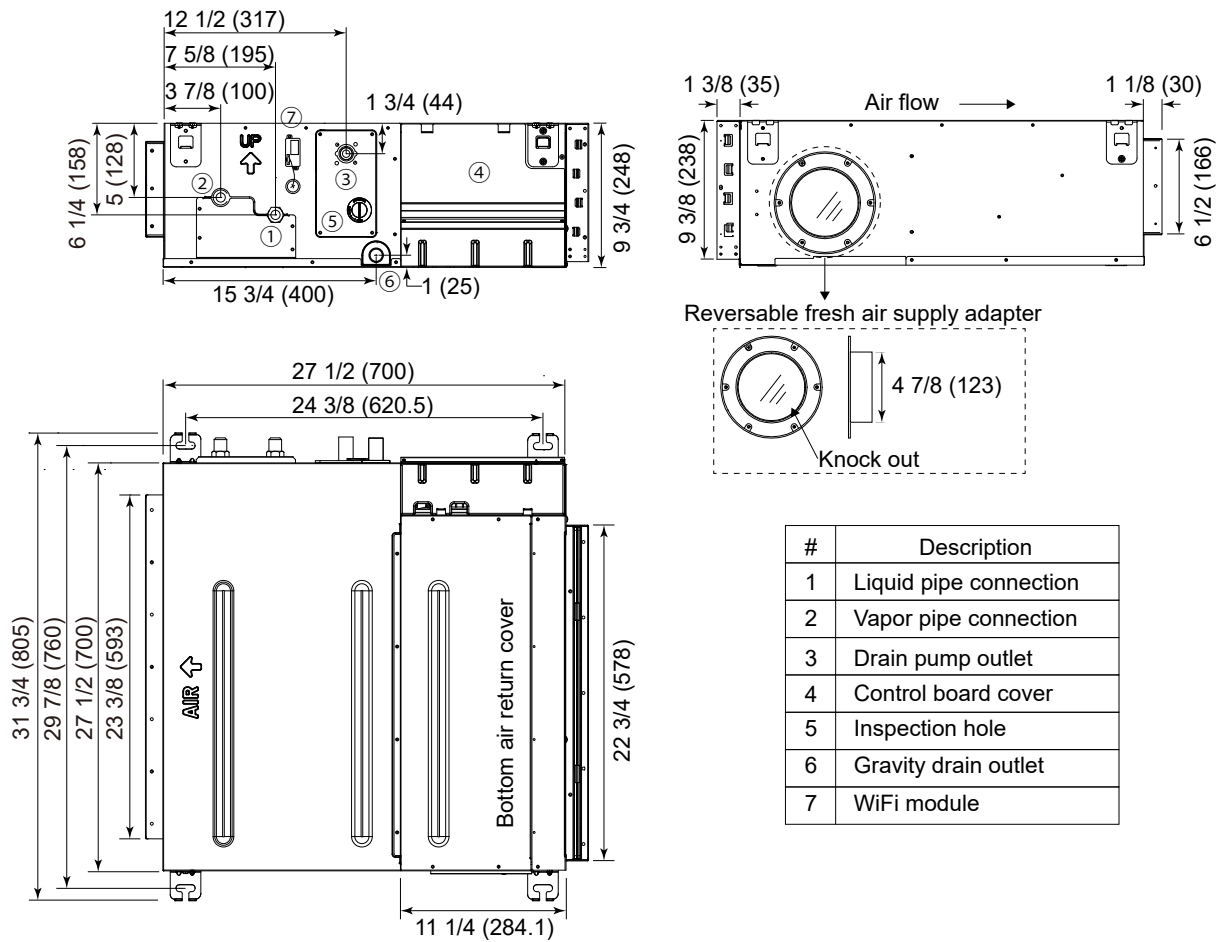
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Haier FlexFit Multi Series Submittal

9000 BTU/HR MID-STATIC DUCTED INDOOR USYM09UCDSA



Haier FlexFit Multi Series Submittal

12000 BTU/HR MID-STATIC DUCTED INDOOR

USYM12UCDSA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	12,000 BTU
Rated Heating Capacity	13,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
Drain Pipe	1 1/4"

Accessories

Wired Controller

Controller must be ordered separately

Compatible With

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Built-in WiFi

Supply Plenum

UAPT0912A

Return MERV Filter Box

UAMFB0912A

Indoor Unit

Uncrated Dimension (HxWxD)	9 3/4 x 27 1/2 x 27 1/2 in (248 x 700 x 700 mm)
Crated (HxWxD)	13 1/4 x 37 1/2 x 35 1/2 in (340 x 950 x 900 mm)
Maximum ESP (IWC)	0.6
Airflow CFM (Turbo/High/Med/Low)	494/423/352/264
Indoor Sound Level dB (Turbo/High/Med/Low)	35/32/29/26
Motor Rating (HP)	0.18
Heat Exchanger Fin Type	Blue Fin
Condensate Pump	Included - 39 in. Lift
Weight (Ship/Net)	57/66 lbs



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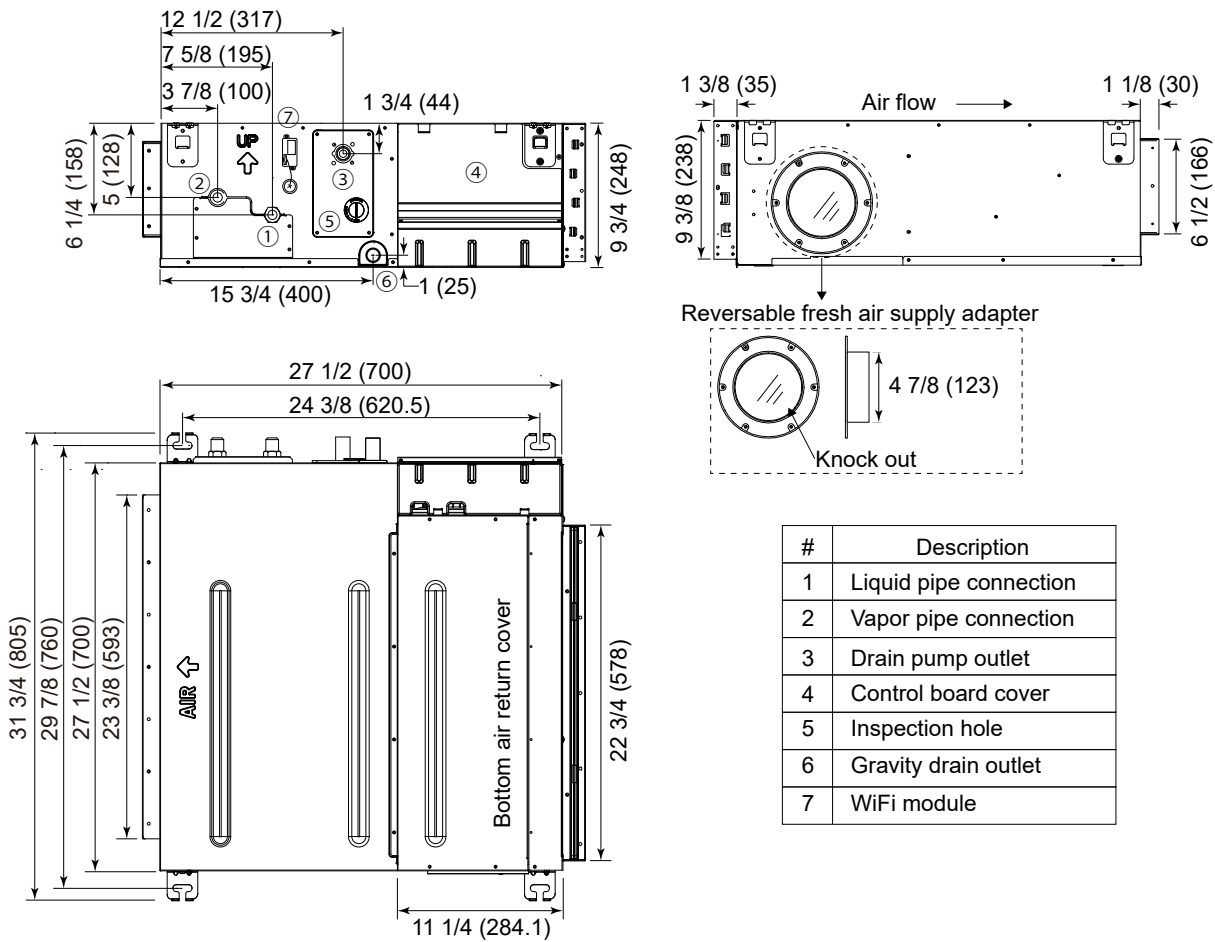
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Haier FlexFit Multi Series Submittal

12000 BTU/HR MID-STATIC DUCTED INDOOR

USYM12UCDSA



Haier FlexFit Multi Series Submittal

18000 BTU/HR MID-STATIC DUCTED INDOOR

USYM18UCDSA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	18,000 BTU
Rated Heating Capacity	19,000 BTU

Piping

Flare Connections	1/4" (Liquid) 1/2" (Vapor)
Drain Pipe	1 1/4"

Accessories

Wired Controller

Controller must be ordered separately

Compatible With

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Built-in WiFi

Supply Plenum

UAPT1824A

Return MERV Filter Box

UAMFB1824A

Indoor Unit

Uncrated Dimension (HxWxD)	9 3/4 x 43 1/4 x 27 1/2 in (248 x 1100 x 700 mm)
Crated (HxWxD)	13 1/2 x 46 x 33 3/4 in (340 x 1170 x 860 mm)
Maximum ESP (IWC)	0.6
Airflow CFM (Turbo/High/Med/Low)	635/529/458/388
Indoor Sound Level dB (Turbo/High/Med/Low)	37/34/32/29
Heat Exchanger Fin Type	Blue Fin
Motor Rating (HP)	0.27
Condensate Pump	Included - 39 in. Lift
Weight (Ship/Net)	70/77 lbs



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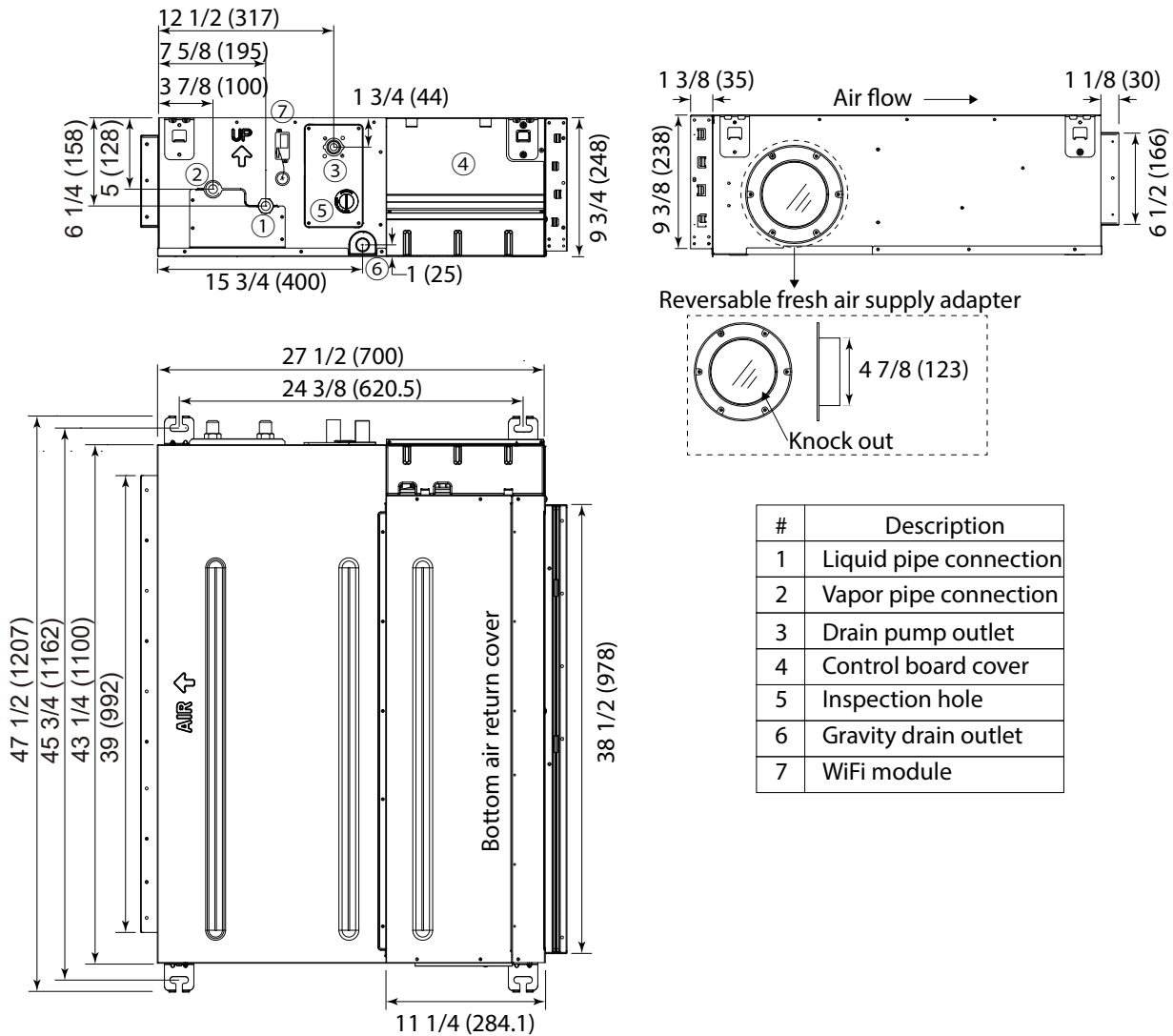
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18000 BTU/HR MID-STATIC DUCTED INDOOR

USYM18UCDSA



Haier FlexFit Multi Series Submittal

24000 BTU/HR MID-STATIC DUCTED INDOOR

USYM24UCDSA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	24,000 BTU
Rated Heating Capacity	25,000 BTU

Piping

Flare Connections	3/8" (Liquid) 5/8" (Vapor)
Drain Pipe	1 1/4"

Accessories

Wired Controller

Controller must be ordered separately

Compatible With

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Built-in WiFi

Supply Plenum

UAPT1824A

Return MERV Filter Box

UAMFB1824A

Indoor Unit

Uncrated Dimension (HxWxD)	9 3/4 x 43 1/4 x 27 1/2 in (248 x 1100 x 700 mm)
Crated (HxWxD)	13 1/2 x 46 x 33 3/4 in (340 x 1170 x 860 mm)
Maximum ESP (IWC)	0.6
Airflow CFM (Turbo/High/Med/Low)	845/670/530/470
Indoor Sound Level dB (Turbo/High/Med/Low)	39/36/33/30
Motor Rating (HP)	0.27
Heat Exchanger Fin Type	Blue Fin
Condensate Pump	Included - 39 in. Lift
Weight (Ship/Net)	70/77 lbs



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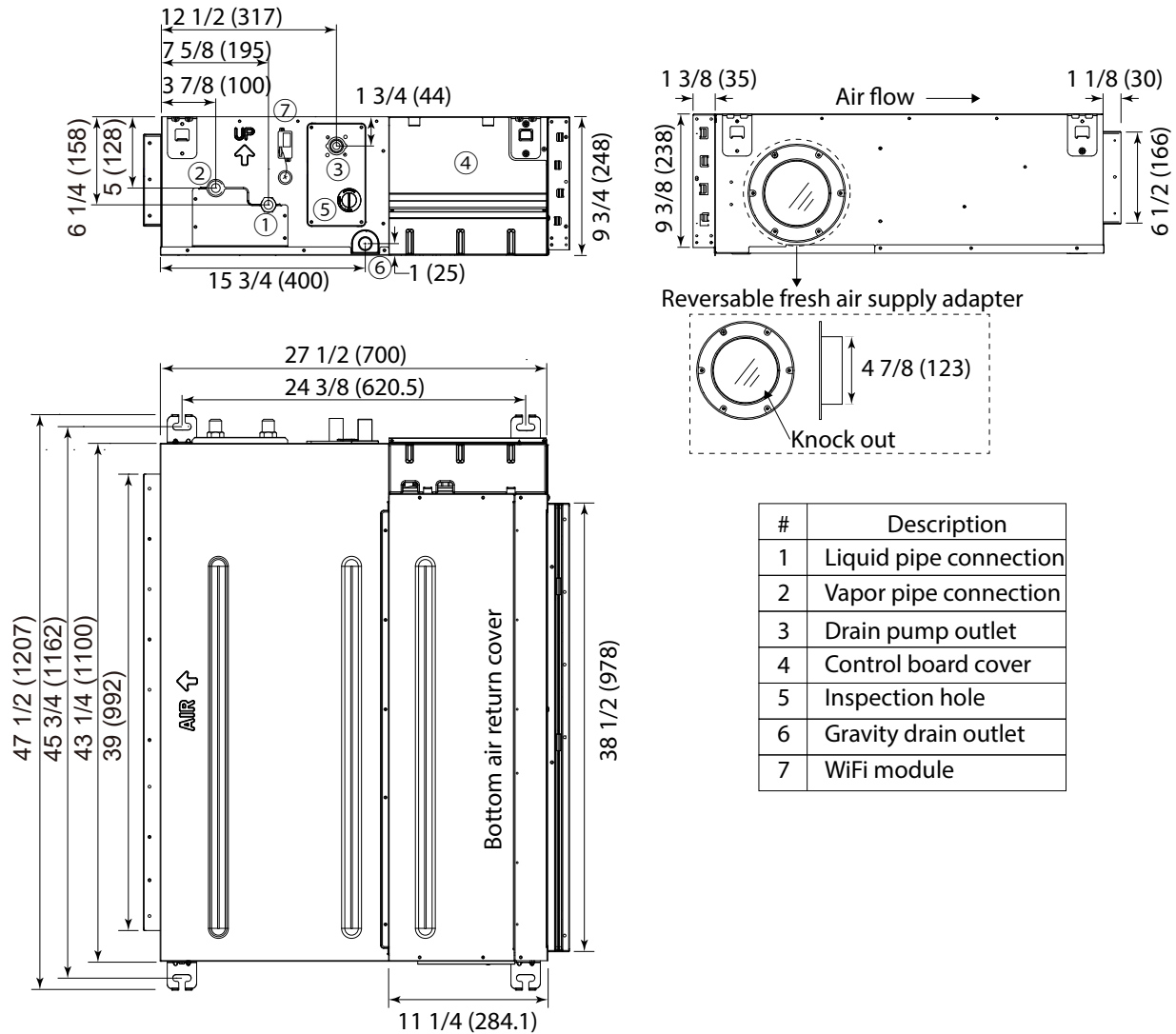
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Haier FlexFit Multi Series Submittal

24000 BTU/HR MID-STATIC DUCTED INDOOR

USYM24UCDSA



#	Description
1	Liquid pipe connection
2	Vapor pipe connection
3	Drain pump outlet
4	Control board cover
5	Inspection hole
6	Gravity drain outlet
7	WiFi module

Haier FlexFit Multi Series Submittal

9000 BTU/HR FLOOR CONSOLE INDOOR

USYF09UCDWA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	9,000 BTU
Rated Heating Capacity	10,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
Drain Pipe	5/8"

Indoor Unit

Uncrated Dimension (HxWxD)	23 3/4 x 27 1/2 x 8 1/4 in (600 x 700 x 210 mm)
Crated (HxWxD)	27 1/2 x 30 3/4 x 12 in (695 x 783 x 303 mm)
Airflow CFM (Turbo/High/Med/Low)	264/235/205/176
Indoor Sound Level dB (Turbo/High/Med/Low)	40/32/25/20
Motor Rating (HP)	0.04
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	36/40 lbs

Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible With

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Built-in WiFi



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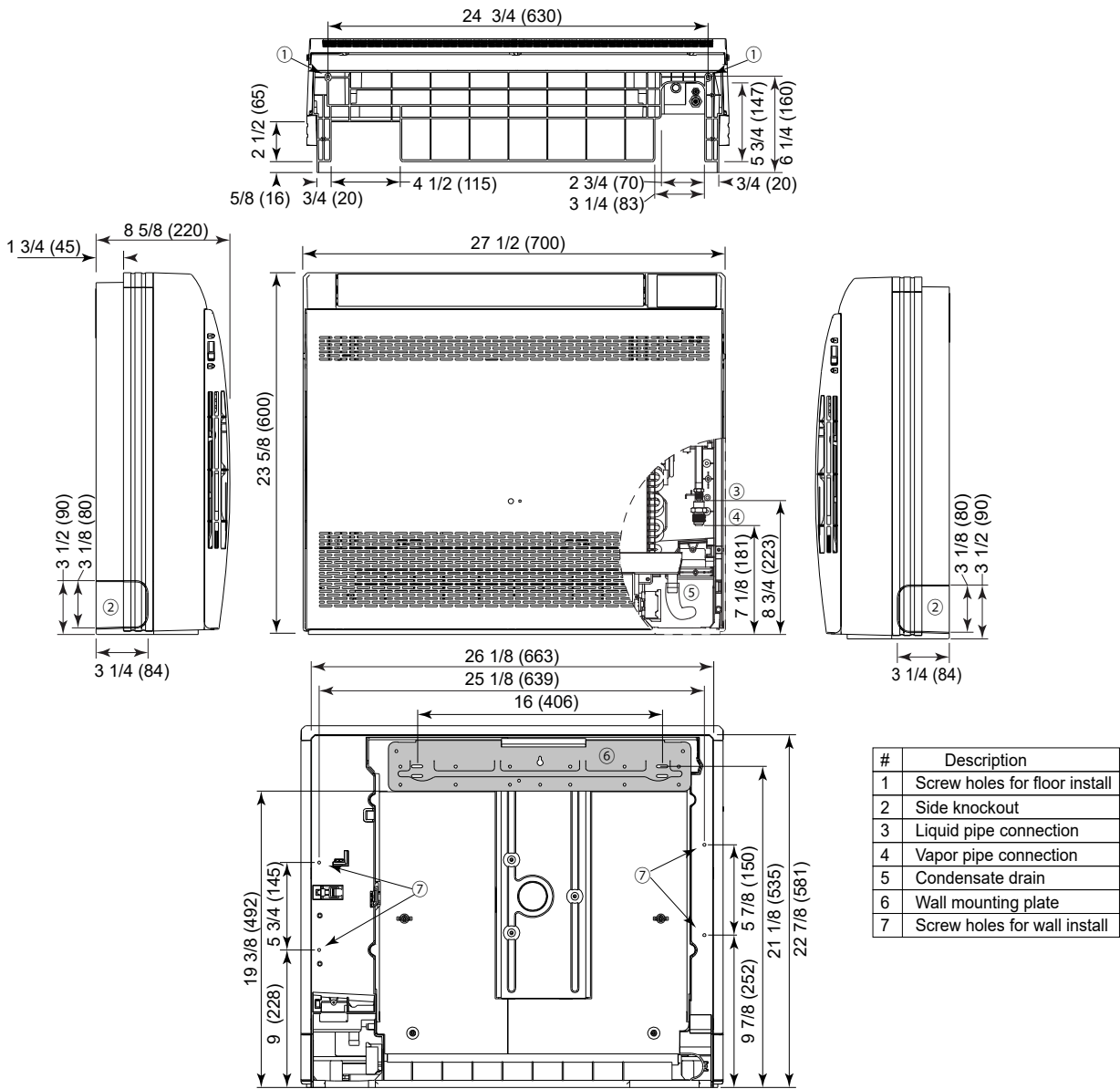
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Haier FlexFit Multi Series Submittal

9000 BTU/HR FLOOR CONSOLE INDOOR

USYF09UCDWA



Haier FlexFit Multi Series Submittal

12000 BTU/HR FLOOR CONSOLE INDOOR

USYF12UCDWA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	12,000 BTU
Rated Heating Capacity	13,000 BTU

Piping

Flare Connections	1/4" (Liquid) 3/8" (Vapor)
Drain Pipe	5/8"

Indoor Unit

Uncrated Dimension (HxWxD)	23 3/4 x 27 1/2 x 8 1/4 in (600 x 700 x 210 mm)
Crated (HxWxD)	27 1/2 x 30 3/4 x 12 in (695 x 783 x 303 mm)
Airflow CFM (Turbo/High/Med/Low)	294/264/235/176
Indoor Sound Level dB (Turbo/High/Med/Low)	42/34/26/21
Motor Rating (HP)	0.04
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	36/40 lbs

Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible With

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Built-in WiFi



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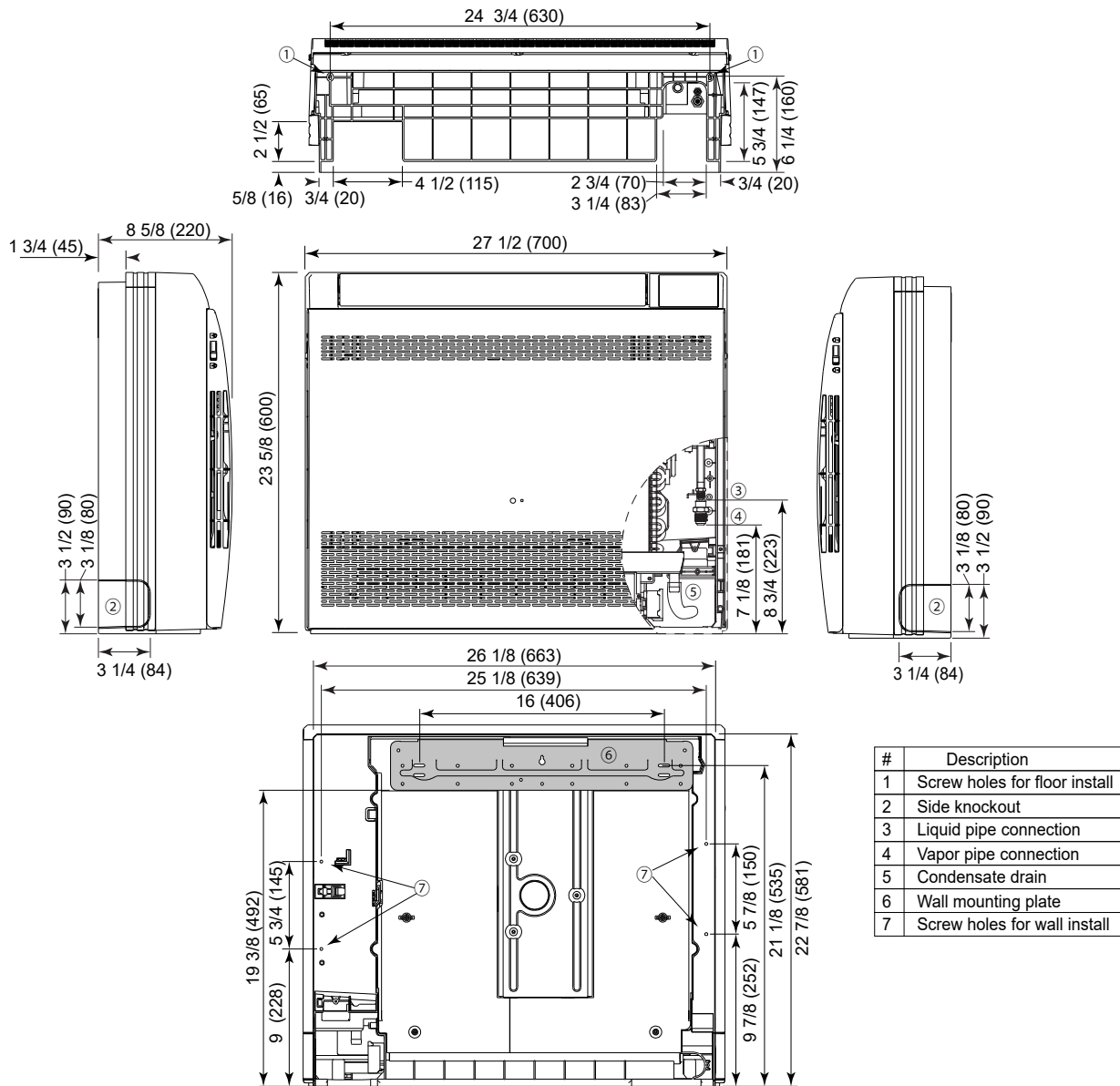
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Haier FlexFit Multi Series Submittal

12000 BTU/HR FLOOR CONSOLE INDOOR

USYF12UCDWA



Haier FlexFit Multi Series Submittal

15000 BTU/HR FLOOR CONSOLE INDOOR

USYF18UCDWA

Job Name: _____

Purchaser: _____

Submitted To: _____

Construction: _____

Reference: _____

Approval: _____

Date: _____

Submitted By: _____

Unit: _____

Drawing #: _____



Electrical Requirement

Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

Performance

Rated Cooling Capacity	15,000 BTU
Rated Heating Capacity	18,000 BTU

Piping

Flare Connections	1/4" (Liquid) 1/2" (Vapor)
Drain Pipe	5/8"

Indoor Unit

Uncrated Dimension (HxWxD)	23 3/4 x 27 1/2 x 8 1/4 in (600 x 700 x 210 mm)
Crated (HxWxD)	27 1/2 x 30 3/4 x 12 in (695 x 783 x 303 mm)
Airflow CFM (Turbo/High/Med/Low)	341/311/282/252
Indoor Sound Level dB (Turbo/High/Med/Low)	46/37/33/28
Motor Rating (HP)	0.04
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	36/40 lbs

Accessories

Remote Controller

Ships with Standard Remote Control (YR-HG)

Compatible With

Simplified Wired Controller (QACT17A)

Programmable Wired Controller (YR-E16B)

Built-in WiFi



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Haier FlexFit Multi Series Submittal

15000 BTU/HR FLOOR CONSOLE INDOOR

USYF18UCDWA

