

# Haier

## Submittals

### FlexFit Multi Series

Rev. May 2017



**2U18MS2VHB**

**3U24MS2VHB**

**4U36MS2VHB**

**AW07LC2VH\***

**AW09LC2VH\***

**AW12LC2VH\***

**AW18LC2VH\***

**AW24LP2VHA**

**AB09SC2VH\***

**AB12SC2VH\***

**AB18SC2VH\***

**AL24LP2VHA**

**AD07SL2VH\***

**AD09SL2VH\***

**AD12SL2VH\***

**AD18SL2VH\***

**AM24LP2VHA**

**HaierAmerica**

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[www.Haier.com](http://www.Haier.com)



### **Revision History**

**Rev. Jan. 2017** - Submittal edition release.

**Rev. Mar. 2017** - Heat capacity data updated to include  $-4^{\circ}\text{F}$  ( $-20^{\circ}\text{C}$ ) outdoor DB

**Rev. Mar. 2017.2** - 3U capacity correction (non-ducted heating:  $17^{\circ}\text{F}$  ( $-8^{\circ}\text{C}$ ); 4U capacity correction (ducted heating:  $5^{\circ}\text{F}$  ( $-15^{\circ}\text{C}$ ))

**Rev. May 2017** - 2U/3U/4U capacity chart corrections. Added  $14^{\circ}\text{F}$  ( $-10^{\circ}\text{C}$ ) cooling capacities.

# Haier

## FlexFit Multi-Zone Matching Table

### 2U18MS2VHB Combination

Comb	Combinations		Total Capacity
	Unit A	Unit B	
Two Zone	7	7	14
	7	9	16
	7	12	19
	9	9	18
	9	12	21
	12	12	24

### 3U24MS2VHB Combination

Comb	Combinations			Total Capacity
	Unit A	Unit B	Unit C	
Two Zone	7	7	—	14
	7	9	—	16
	7	12	—	19
	7	18	—	25
	9	9	—	18
	9	12	—	21
	9	18	—	27
	12	12	—	24
	12	18	—	30
Three Zone	7	7	7	21
	7	7	9	23
	7	7	12	26
	7	7	18	32
	7	9	9	25
	7	9	12	28
	7	12	12	31
	9	9	9	27
	9	9	12	30
9	12	12	33	

### 4U36MS2VHB Combination

Comb	Combinations				Total Capacity
	Unit A	Unit B	Unit C	Unit D	
Two Zone	7	24	—	—	31
	9	18	—	—	27
	9	24	—	—	33
	12	18	—	—	30
	12	24	—	—	36
	18	18	—	—	36
	18	24	—	—	42
	24	24	—	—	48
Three Zone	7	7	18	—	32
	7	7	24	—	38
	7	9	12	—	28
	7	9	18	—	34
	7	9	24	—	40
	7	12	12	—	31
	7	12	18	—	37
	7	12	24	—	43
	9	9	9	—	27
	9	9	12	—	30
	9	9	18	—	36
	9	9	24	—	42
	9	12	12	—	33
	9	12	18	—	39
	9	12	24	—	45
	12	12	12	—	36
	12	12	18	—	42
	12	12	24	—	48
12	18	18	—	48	
Four Zone	7	7	7	7	28
	7	7	7	9	30
	7	7	7	12	33
	7	7	7	18	39
	7	7	7	24	45
	7	7	9	9	32
	7	7	9	12	35
	7	7	9	18	41
	7	7	9	24	47
	7	7	12	12	38
	7	7	12	18	44
	7	9	9	9	34
	7	9	9	12	37
	7	9	9	18	43
	7	9	12	12	40
	7	12	12	12	43
	9	9	9	9	36
	9	9	9	12	39
	9	9	12	12	42
	9	9	12	18	48
	9	12	12	12	45
	12	12	12	12	48



# 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 #: \_\_\_\_\_



### 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

### Heating Performance

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

### Pipe Length

Maximum Pipe Length (Each/All)	65 ft / 100 ft
Maximum Pipe Height Difference	50 ft
Connection	1/4", 1/4"(Discharge) 3/8", 3/8" (Suction) Flare

### Outdoor Unit

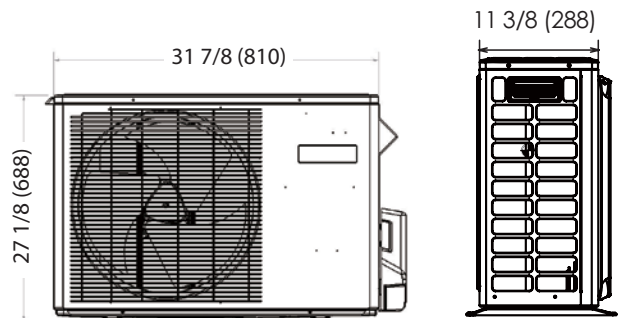
Compressor	DC inverter Driven Rotary
Uncrated Dimension (HxWxD)	27 1/8 x 31 7/8 x 11 3/8 in (688 x 810 x 288 mm)
Crated (HxWxD)	29 7/8 x 37 3/8 x 16 in (760 x 949 x 406 mm)
Outdoor Sound Rating dB	53
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	102.5/95.9 lbs
Factory Refrigerant Charge	R-410A (49.5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

### Electrical Requirement

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

### Operating Range

Cooling	14~115°F (-10~46°C)
Heating	-4~75°F (-20~24°C)



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# 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)	Max Heating Capacity (Btu/h)	Power Usage (w)	Max Heating Capacity (Btu/h)	Power Usage (w)
-4°F (-20°C)	11,580	990	10,920	1,030	10,370	1,100
5°F (-15°C)	12,740	1,080	12,130	1,140	11,530	1,210
17°F (-8°C)	15,350	1,190	13,870	1,280	12,760	1,290
47°F (8°C)	20,740	1,100	19,200	1,200	17,660	1,300

### 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)	Max Heating Capacity (Btu/h)	Power Usage (w)	Max Heating Capacity (Btu/h)	Power Usage (w)
-4°F (-20°C)	10,460	1,220	9,020	1,450	8,210	1,550
5°F (-15°C)	13,620	1,400	12,440	1,480	11,380	1,620
17°F (-8°C)	15,530	1,340	14,200	1,370	12,800	1,500
47°F (8°C)	18,600	1,380	17,200	1,280	15,540	1,450

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)	
	Total Capacity (Btu/h)	Power Usage (w)	Total Capacity (Btu/h)	Power Usage (w)	Total Capacity (Btu/h)	Power Usage (w)
14°F (-10°C)	6,530	630	7,210	660	7,620	690
65°F (18°C)	12,330	980	13,700	1,230	13,080	1,020
75°F (24°C)	11,260	1,520	12,890	1,560	13,340	1,590
85°F (29°C)	14,110	1,530	15,430	1,590	16,480	1,620
95°F (35°C)	15,090	1,610	16,970	1,680	18,050	1,710
105°F (41°C)	15,080	1,720	16,910	1,780	17,580	1,800
115°F (46°C)	13,580	1,430	14,870	1,540	15,860	1,450

### Cooling Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature					
	70°F (21°C)		75°F (24°C)		80°F (27°C)	
	Total Capacity (Btu/h)	Power Usage (w)	Total Capacity (Btu/h)	Power Usage (w)	Total Capacity (Btu/h)	Power Usage (w)
14°F (-10°C)	6,370	750	7,020	810	7,500	830
65°F (18°C)	12,200	1,230	12,880	1,250	12,980	1,290
75°F (24°C)	12,900	1,370	13,600	1,440	14,600	1,500
85°F (29°C)	13,760	1,520	14,800	1,590	16,150	1,720
95°F (35°C)	14,680	1,630	16,420	1,790	18,000	1,950
105°F (41°C)	14,360	1,610	15,690	1,750	17,490	1,920
115°F (46°C)	13,200	1,520	13,860	1,620	15,700	1,750

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 #: \_\_\_\_\_



Cooling Performance	
Cooling Capacity Range (Non-Ducted/Ducted)	5,000~24,500 BTU/ 5,000~23,000 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

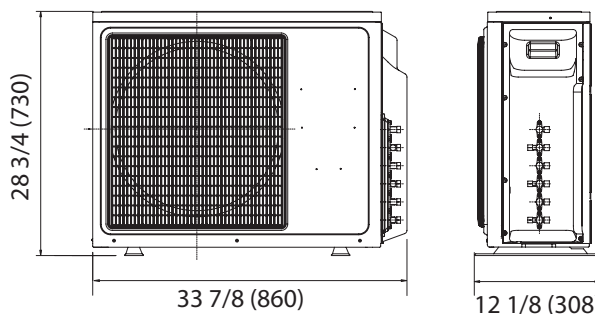
Heating Performance	
Heating Capacity Range (Non-Ducted/Ducted)	6,100~25,500 BTU/ 6,100~25,000 BTU
HSPF (Non-Ducted/Ducted)	10.0/8.5

Pipe Length	
Maximum Pipe Length (Each/All)	82 ft / 200 ft
Maximum Pipe Height Difference	50 ft
Connection	1/4", 1/4", 1/4" (Dis-charge) 3/8", 3/8", 3/8" (Suction) Flare

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 (74.0 oz)

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

Operating Range	
Cooling	14~115°F (-10~46°C)
Heating	-4~75°F (-20~24°C)



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# 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)	Max Heating Capacity (Btu/h)	Power Usage (w)	Max Heating Capacity (Btu/h)	Power Usage (w)
-4°F (-20°C)	15,660	1,890	13,500	1,960	12,370	2,080
5°F (-15°C)	15,980	1,810	14,960	1,900	12,570	1,920
17°F (-8°C)	17,790	1,940	17,720	1,970	14,650	1,980
47°F (8°C)	27,400	2,150	25,600	2,350	22,860	2,440

## 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)	Max Heating Capacity (Btu/h)	Power Usage (w)	Max Heating Capacity (Btu/h)	Power Usage (w)
-4°F (-20°C)	12,760	1,650	11,000	1,670	10,120	1,790
5°F (-15°C)	15,500	1,940	15,290	2,020	10,280	1,850
17°F (-8°C)	17,630	1,900	17,360	2,070	13,100	1,920
47°F (8°C)	26,200	2,050	24,580	2,180	22,300	2,300

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)	
	Total Capacity (Btu/h)	Power Usage (w)	Total Capacity (Btu/h)	Power Usage (w)	Total Capacity (Btu/h)	Power Usage (w)
14°F (-10°C)	19,200	1,080	20,430	1,120	21,700	1,190
65°F (18°C)	25,980	1,860	28,640	2,150	30,480	2,260
75°F (24°C)	26,510	2,100	27,530	2,460	28,690	2,650
85°F (29°C)	25,950	2,230	26,180	2,580	27,430	2,740
95°F (35°C)	23,520	2,500	25,360	2,880	26,700	3,000
105°F (41°C)	20,860	2,350	22,270	2,760	23,560	2,850
115°F (46°C)	16,890	1,860	17,950	2,150	18,680	2,350

## Cooling Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature					
	70°F (21°C)		75°F (24°C)		80°F (27°C)	
	Total Capacity (Btu/h)	Power Usage (w)	Total Capacity (Btu/h)	Power Usage (w)	Total Capacity (Btu/h)	Power Usage (w)
14°F (-10°C)	18,670	1,140	20,110	1,180	21,680	1,220
65°F (18°C)	24,300	1,790	27,100	1,960	28,560	2,010
75°F (24°C)	25,130	1,920	25,800	2,030	26,300	2,100
85°F (29°C)	25,880	2,250	24,150	2,320	24,900	2,360
95°F (35°C)	22,960	2,480	25,200	2,820	26,460	2,890
105°F (41°C)	20,530	2,300	22,170	2,760	22,690	2,650
115°F (46°C)	16,250	1,820	17,850	2,150	18,560	2,400

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

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

Adapter: 1/4" to 3/8", Part Number: 0150704781

Adapter: 1/2" to 5/8", Part Number: 0150709683

### Electrical Requirement

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

### Operating Range

Cooling	14~115°F (-10~46°C)
Heating	-4~75°F (-20~24°C)

HaierAmerica

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Tel +973.617.1800  
www.Haier.com



### 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

### Heating Performance

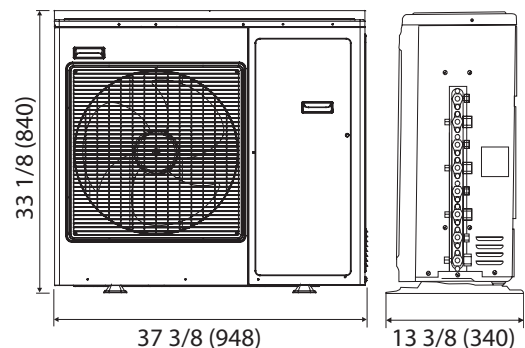
Heating Capacity Range (Non-Ducted/Ducted)	6,100~36,500 BTU/ 6,100~35,000 BTU
HSPF (Non-Ducted/Ducted)	10.0/9.0

### Pipe Length

Maximum Pipe Length (Each/All)	82 ft /230 ft
Maximum Pipe Height Difference	50 ft
Connection	1/4", 1/4", 1/4", 1/4" (Discharge) 3/8", 3/8", 3/8", 1/2" (Suction) Flare

### 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)



# 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)	Max Heating Capacity (Btu/h)	Power Usage (w)	Max Heating Capacity (Btu/h)	Power Usage (w)
-4°F (-20°C)	20,460	2,650	17,640	2,670	16,410	3,580
5°F (-15°C)	23,980	2,810	21,230	2,610	20,690	3,090
17°F (-8°C)	25,360	2,820	24,260	3,090	22,370	3,180
47°F (8°C)	37,580	3,180	36,500	3,330	34,250	3,460

## 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)	Max Heating Capacity (Btu/h)	Power Usage (w)	Max Heating Capacity (Btu/h)	Power Usage (w)
-4°F (-20°C)	18,970	2,170	15,640	2,450	14,330	2,370
5°F (-15°C)	23,020	2,760	20,040	2,870	17,530	2,920
17°F (-8°C)	25,300	2,890	23,320	3,170	21,750	3,250
47°F (8°C)	36,850	3,090	35,300	3,430	33,540	3,580

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)	
	Total Capacity (Btu/h)	Power Usage (w)	Total Capacity (Btu/h)	Power Usage (w)	Total Capacity (Btu/h)	Power Usage (w)
14°F (-10°C)	25,410	1,850	26,900	1,880	30,520	1,900
65°F (18°C)	34,250	2,830	36,520	2,950	38,400	3,050
75°F (24°C)	33,760	2,940	34,700	3,010	36,580	3,150
85°F (29°C)	31,500	3,460	32,420	3,650	34,890	3,720
95°F (35°C)	32,100	3,680	33,540	3,780	35,100	3,950
105°F (41°C)	25,620	3,440	26,280	3,520	29,260	3,660
115°F (46°C)	22,200	3,050	23,680	3,180	25,380	3,250

## Cooling Capacity Data - Ducted

Outdoor Air Temp DB	Indoor Set Temperature					
	70°F (21°C)		75°F (24°C)		80°F (27°C)	
	Total Capacity (Btu/h)	Power Usage (w)	Total Capacity (Btu/h)	Power Usage (w)	Total Capacity (Btu/h)	Power Usage (w)
14°F (-10°C)	24,870	1,870	26,340	1,900	29,400	1,940
65°F (18°C)	34,120	2,780	35,790	2,860	36,850	2,980
75°F (24°C)	33,570	3,020	34,260	3,160	35,780	3,240
85°F (29°C)	30,840	3,490	31,580	3,630	33,520	3,750
95°F (35°C)	31,960	3,710	33,200	3,820	34,500	4,030
105°F (41°C)	25,130	3,480	25,430	3,610	28,460	3,850
115°F (46°C)	21,800	3,070	23,400	3,220	24,300	3,350

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

# Haier FlexFit Multi Series Submittal

## 7000 BTU/HR WALL MOUNTED INVERTER DRIVEN HEAT PUMP SYSTEM(INDOOR for multi-zone) AW07LC2VH\*

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	
Connection	1/4" (Discharge) 3/8" (Suction) Flare

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
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	26.9/22.0 lbs

### Accessories

#### Remote Controller

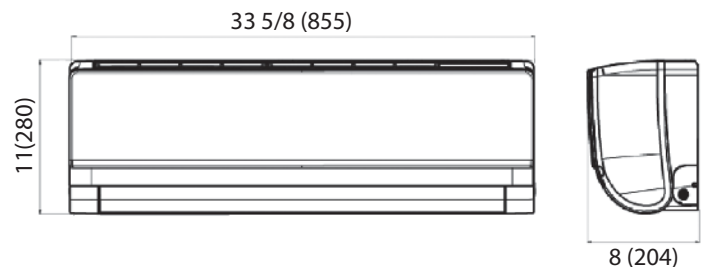
Ship with YR-HG

#### Wired Thermostat

AW07LC2VHB units are compatible with wired controller YR-E17 and YR-E16B with the interface kit WK-B

#### WiFi

AW07LC2VHB units are compatible with WiFi USB adapter KZW-W002



# Haier FlexFit Multi Series Submittal

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

## AW09LC2VH\*

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	
Connection	1/4" (Discharge) 3/8" (Suction) Flare

### Accessories

#### Remote Controller

Ship with YR-HG

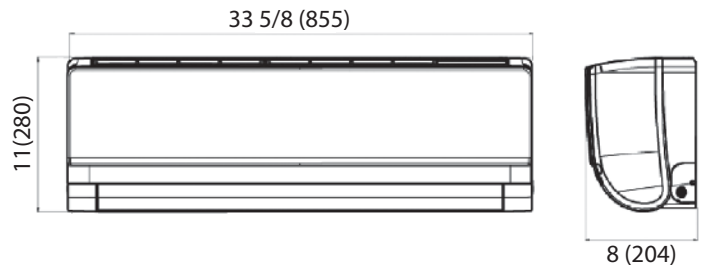
#### Wired Thermostat

AW09LC2VHB units are compatible with wired controller YR-E17 and YR-E16B with the interface kit WK-B

#### WiFi

AW09LC2VHB units are compatible with WiFi USB adapter KZW-W002

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
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	26.9/22.0 lbs



# Haier FlexFit Multi Series Submittal

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

## AW12LC2VH\*

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

Connection	1/4" (Discharge) 3/8" (Suction) Flare
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### 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
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	26.9/22.0 lbs

## Accessories

### Remote Controller

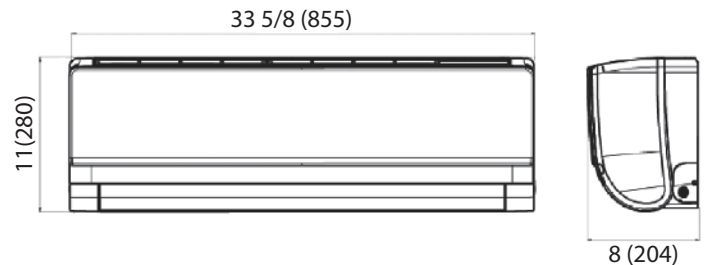
Ship with YR-HG

### Wired Thermostat

AW12LC2VHB units are compatible with wired controller YR-E17 and YR-E16B with the interface kit WK-B

### WiFi

AW12LC2VHB units are compatible with WiFi USB adapter KZW-W002



# Haier FlexFit Multi Series Submittal

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

## AW18LC2VH\*

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	
Connection	1/4" (Discharge) 1/2" (Suction) Flare

### Accessories

#### Remote Controller

Ship with YR-HG

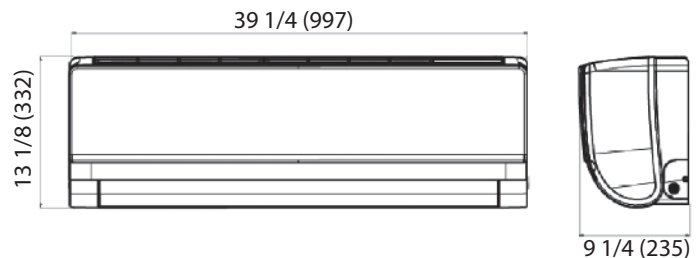
#### Wired Thermostat

AW18LC2VHB units are compatible with wired controller YR-E17 and YR-E16B with the interface kit WK-B

#### WiFi

AW18LC2VHB units are compatible with WiFi USB adapter KZW-W002

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
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	35.3/28.7 lbs



# 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	
Connection	3/8" (Discharge) 5/8" (Suction) Flare

### Accessories

#### Remote Controller

Ship with YR-HG

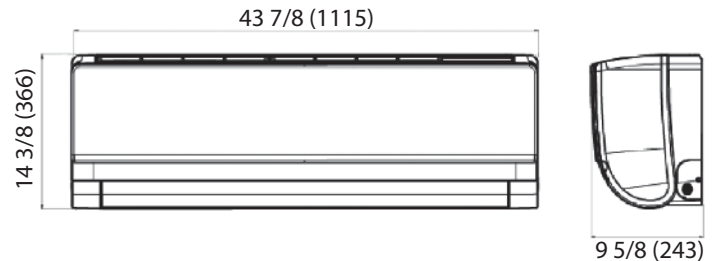
#### Wired Thermostat

Compatible with wired controller YR-E17 and YR-E16B with the interface kit WK-B

#### WiFi

Compatible with WiFi USB adapter KZW-W002

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
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	45.4/37.5 lbs



# Haier FlexFit Multi Series Submittal

9000 BTU/HR CASSETTE TYPE INDOOR

**AB09SC2VH\***

Job Name: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Submitted To: \_\_\_\_\_

Construction: \_\_\_\_\_

Reference: \_\_\_\_\_

Approval: \_\_\_\_\_

Date: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Unit: \_\_\_\_\_

Drawing #: \_\_\_\_\_



## 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
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	46.3/37.5 lbs

## 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

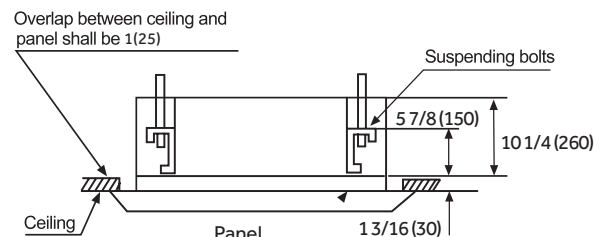
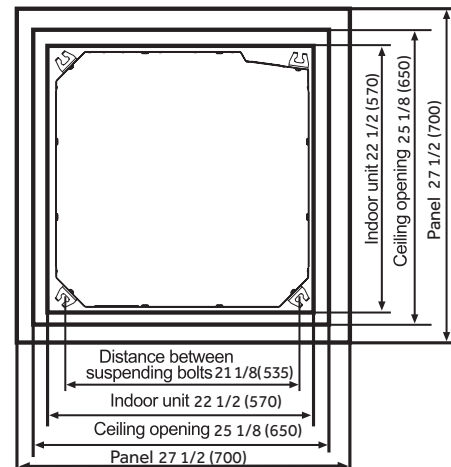
Connection	1/4" (Discharge) 3/8" (Suction) Flare
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## Accessories

**Remote Controller**  
Ship with YR-HG

**Wired Controller**  
Compatible with YR-E17 and YR E16B

**Panel**  
PB-700IB is required to complete the installation and it must be ordered separately





# Haier FlexFit Multi Series Submittal

12000 BTU/HR CASSETTE TYPE INDOOR

**AB12SC2VH\***

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

Connection	1/4" (Discharge) 3/8" (Suction) Flare
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## Accessories

### Remote Controller

Ship with YR-HG

### Wired Controller

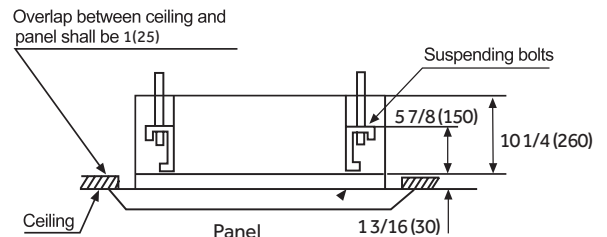
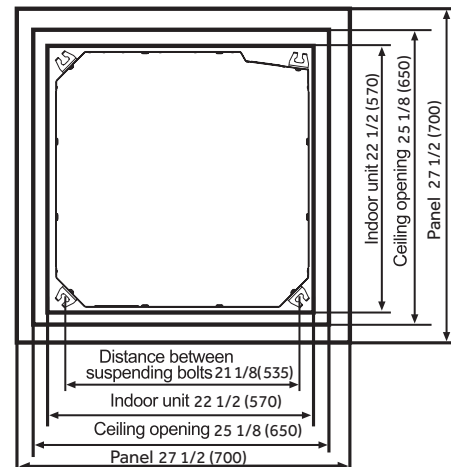
Compatible with YR-E17 and YR E16B

### Panel

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

### 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
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	48.5/40.8 lbs



# Haier FlexFit Multi Series Submittal

18000 BTU/HR CASSETTE TYPE INDOOR

## AB18SC2VH\*

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

Connection	1/4" (Discharge) 1/2" (Suction) Flare
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## Accessories

### Remote Controller

Ship with YR-HG

### Wired Controller

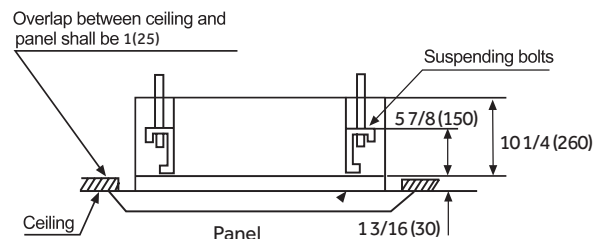
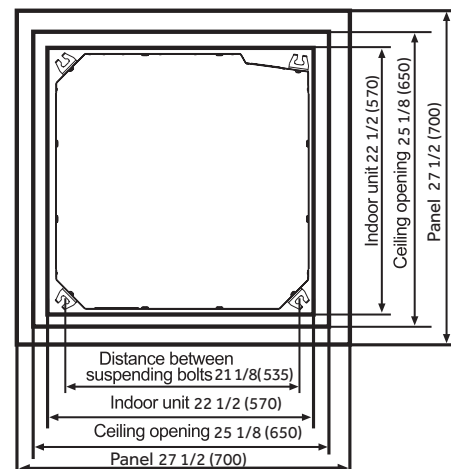
Compatible with YR-E17 and YR E16B

### Panel

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

### 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
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	48.5/40.8 lbs



# 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

Connection	3/8" (Discharge) 5/8" (Suction) Flare
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### Accessories

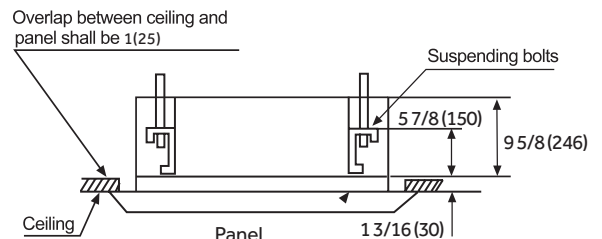
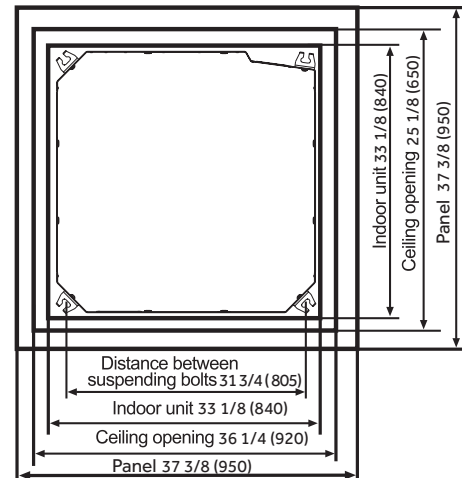
**Remote Controller**  
Ship with YR-HBS01

**Wired Controller**  
Compatible with YR-E17 and YR-E16B

**Panel**  
PB-950KC is required to complete the installation and it must be ordered separately

### 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
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	79.4/68.3 lbs



# Haier FlexFit Multi Series Submittal

7000 BTU/HR SLIM DUCT TYPE INDOOR

**AD07SL2VH\***

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	
Connection	1/4" (Discharge) 3/8" (Suction) Flare

## Accessories

### Remote Controller

Not compatible

### Wired Thermostat

All models are shipped with YR-E17

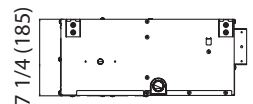
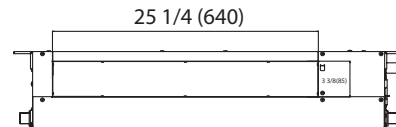
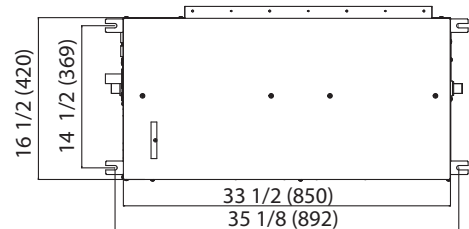
AD07SL2VHB models are compatible with YR-E16B

### Panel

Optional motorized supply and return grille accessory:

P1B-890IA(I) and P1B-890IA(O) are available

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)
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
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	47.2/36.8 lbs



# Haier FlexFit Multi Series Submittal

9000 BTU/HR SLIM DUCT TYPE INDOOR

**AD09SL2VH\***

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	
Connection	1/4" (Discharge) 3/8" (Suction) Flare

## Accessories

### Remote Controller

Not compatible

### Wired Thermostat

All models are shipped with YR-E17

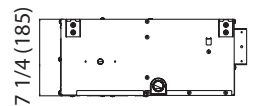
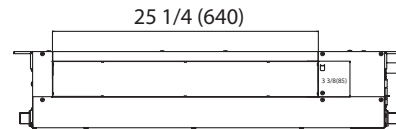
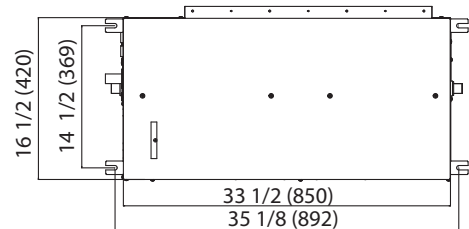
AD09SL2VHB models are compatible with YR-E16B

### Panel

Optional motorized supply and return grille accessory:

P1B-890IA(I) and P1B-890IA(O) are available

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)
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
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	47.2/36.8 lbs



# Haier FlexFit Multi Series Submittal

12000 BTU/HR SLIM DUCT TYPE INDOOR

## AD12SL2VH\*

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	
Connection	1/4" (Discharge) 3/8" (Suction) Flare

### Accessories

#### Remote Controller

Not compatible

#### Wired Thermostat

All models are shipped with YR-E17

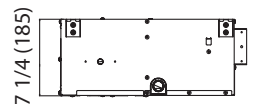
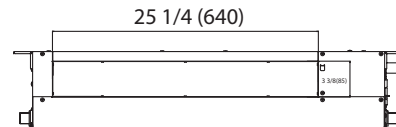
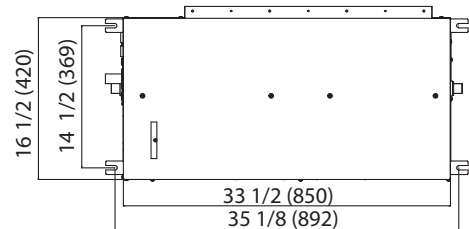
AD12SL2VHB models are compatible with YR-E16B

#### Panel

Optional motorized supply and return grille accessory:

P1B-890IA(I) and P1B-890IA(O) are available

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)
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
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	47.2/36.8 lbs



# Haier FlexFit Multi Series Submittal

18000 BTU/HR SLIM DUCT TYPE INDOOR

## AD18SL2VH\*

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	
Connection	1/4" (Discharge) 1/2" (Suction) Flare

### Accessories

#### Remote Controller

Not compatible

#### Wired Thermostat

All models are shipped with YR-E17

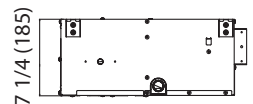
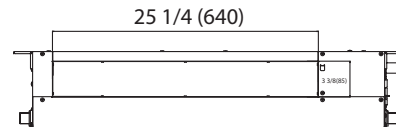
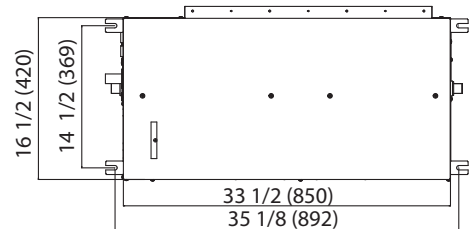
AD18SL2VHB models are compatible with YR-E16B

#### Panel

Optional motorized supply and return grille accessory:

P1B-890IA(I) and P1B-890IA(O) are available

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)
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
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	62.4/48.5 lbs



# Haier FlexFit Multi Series Submittal

24000 BTU/HR SLIM DUCT TYPE INDOOR

## AM24LP2VHA

Job Name: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Submitted To: \_\_\_\_\_

Construction: \_\_\_\_\_

Reference: \_\_\_\_\_

Approval: \_\_\_\_\_

Date: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Unit: \_\_\_\_\_

Drawing #: \_\_\_\_\_

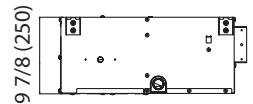
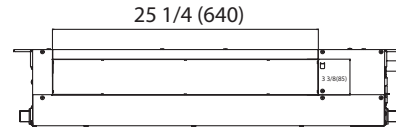
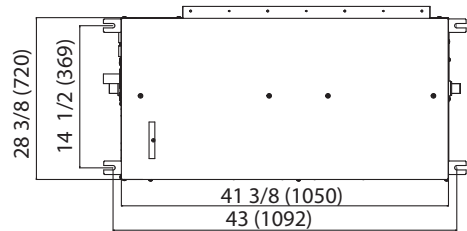


Electrical Requirement	
Power Supply	208/230V, 1 Phase, 60 HZ
Operating Voltage Range	187~253 VAC

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

Piping	
Connection	3/8" (Discharge) 5/8" (Suction) Flare

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)
Airflow CFM (Turbo/High/Med/Low/Quiet)	845/670/530/470
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	38/35/32/29
Heat Exchanger Fin Type	Blue Fin
Weight (Ship/Net)	81.6/68.8 lbs



### Accessories

#### Remote Controller

Not compatible

#### Wired Thermostat

Shipped with YR-E17

Compatible with YR-E16B