

Haier

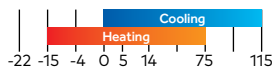


 **Arctic Multi**
SERIES

2019

Series	Outdoor	Capacity				Standard Controller	Optional Controller
		7K	9K	12K	18K		
NEW! 2U20EH2 (2 Zone)						YR-HG	YR-E17 QACT17A YR-E16B
3U24EH2 (3 Zone)						YR-E17	QACT17A YR-E16B

Operating Range (°F):



Compatible with WiFi Adapter

Compatible with WiFi Adapter (VHB units only)

	2U20EH2VHA	3U24EH2VHA
Outdoor Units		
Rated Capacity Btu/hr	18100	22000
Capacity Range Btu/hr	7000-20000	6000-23600
Rated Power Input W	1448	1760
SEER/EER	17/12.5	18.5/12.5
Cooling Non-Ducted		
Rated Capacity Btu/hr	16000*	20000*
Capacity Range Btu/hr	7000-19000*	6000-22300*
Rated Power Input W	1481*	1786*
SEER/EER	15/10.8*	15/11.2*
Cooling Ducted		
Rated Capacity Btu/hr	20000	24000
Capacity Range Btu/hr	8000-23000	8000-30600
Rated Power Input W	1504	1572
Heating Non-Ducted		
HSPF	10.5	10.5
Max. Heating Capacity 5°F Btu/hr	23000	24000
Max. Heating Capacity -15°F Btu/hr	17000	18000
Heating Ducted		
Rated Heating Capacity 47°F Btu/hr	20000*	22000*
Heating Capacity Range Btu/hr	8000-21000*	8000-28600*
Rated Power Input W	1900*	2103*
COP/ COP @ 5°F	2.94/1.9*	3.0/1.9*
HSPF	9.6*	9.3*
Max. Heating Capacity 5°F Btu/hr	19000*	20000*
Max. Heating Capacity -15°F Btu/hr	15000*	16000*
Outdoor Unit		
Maximum Fuse Size A	25	25
Minimum Circuit Amp A	15	16
Outdoor Fan Speed RPM	750	900
Outdoor Noise Level dB	56	56
Dimension: Height in (mm)	33 1/8 (840)	33 1/8 (840)
Dimension: Width in (mm)	37 3/8 (948)	37 3/8 (948)
Dimension: Depth in (mm)	13 3/8 (340)	13 3/8 (340)
Weight (Ship/Net)- lbs (kg)	202.3/185.6 (91.7/84.2)	205.9/ 189.5 (93.4/85.9)
Connectible Indoor unit quantity	2	2 or 3
Refrigerant Line		
Connections	Flare	Flare
Liquid O.D. in	1/4 1/4	1/4 1/4 1/4
Suction O.D. in	3/8 3/8	3/8 3/8 3/8
Factory Charge Oz	99	99
Maximum Line Length Ft / m	164/50	196/60
Maximum Height Ft / m	50/15	50/15
Maximum Line Length (each individual indoor unit) Ft / m	82/25	82/25

* Preliminary specifications. Subject to change.

Multi-Zone Systems

Highwall Indoor	AW07EH2VHA	AW09EH2VHA	AW12EH2VHA	AW18EH2VHA
Rated Cooling Capacity Btu/hr	7,000	9,000	12,000	19,000
Rated Heating Capacity Btu/hr	10,000	12,000	16,500	20,400
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Airflow CFM (Turbo/H/M/L/Quiet)	420/360/300/240/180	470/410/350/290/230	440/410/380/311/260	710/650/560/440/410
Indoor Sound dB (Turbo/H/M/L/Quiet)	42/39/37/28/23	42/39/37/28/23	42/39/37/28/23	49/47/42/36/34
Dimension: H x W x D in (mm)	12 1/4 x 35 3/8 x 8 1/4 (310 x 900 x 210)	12 1/4 x 35 3/8 x 8 1/4 (310 x 900 x 210)	12 1/4 x 35 3/8 x 8 1/4 (310 x 900 x 210)	14 3/8 x 43 7/8 x 9 5/8 (336 x 1115 x 243)
Weight (Ship/Net)- lbs (kg)	30.9/25.3 (14/11.5)	30.9/25.3 (14/11.5)	30.9/25.3 (14/11.5)	45.4/37.5 (20.6/17)
Liquid /Suction O.D. in	1/4 3/8	1/4 3/8	1/4 3/8	1/4 1/2

*Highwall Indoor	AW07LC2VHB	AW09LC2VHB	AW12LC2VHB	AW18LC2VHB
Rated Cooling Capacity Btu/hr	7,000	9,000	12,000	18,000
Rated Heating Capacity Btu/hr	8,000	10,000	13,000	19,000
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Airflow CFM (Turbo/H/M/L/Quiet)	410/350/295/235/205	410/350/295/235/205	440/380/320/265/215	636/530/483/430/383
Indoor Sound dB (Turbo/H/M/L/Quiet)	43/38/33/26/22	43/38/33/26/22	44/39/34/27/23	48/45/40/35/30
Dimension: H x W x D in (mm)	11 x 33 5/8 x 8 (280 x 855 x 204)	11 x 33 5/8 x 8 (280 x 855 x 204)	11 x 33 5/8 x 8 (280 x 855 x 204)	13 1/8 x 39 1/4 x 9 1/4 (332 x 997 x 235)
Weight (Ship/Net)- lbs (kg)	26.8/22 (12.2/10)	26.8/22 (12.2/10)	26.8/22 (12.2/10)	35.3/28.6 (16/13)
Liquid /Suction O.D. in	1/4 3/8	1/4 3/8	1/4 3/8	1/4 1/2

*Ducted Indoor	AD07SL2VHB	AD09SL2VHB	AD12SL2VHB	AD18SL2VHB
Rated Cooling Capacity Btu/hr	7,000	9,000	12,000	18,000
Rated Heating Capacity Btu/hr	8,000	10,000	13,000	19,000
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Airflow CFM (Turbo/H/M/L/Quiet)	353/312/270/230/188	353/312/270/230/188	400/353/282/247/218	540/500/447/365/306
Max. Ext. Static Pressure in.W.G (Pa)	0.16 (40)	0.16 (40)	0.16 (40)	0.16 (40)
Indoor Sound dB (Turbo/H/M/L/Quiet)	35/33/29/26/21	35/33/29/26/22	38/35/29/26/23	31/29/23/29/25
Dimension: HxWxD in (mm)	7 1/4 x 33 1/2 x 16 1/2 (185x850x420)	7 1/4 x 33 1/2 x 16 1/2 (185x850x420)	7 1/4 x 33 1/2 x 16 1/2 (185x850x420)	7 1/4 x 33 1/2 x 16 1/2 (185x850x420)
Weight (Ship/Net)- lbs (kg)	47.2/36.8 (21.4/16.7)	47.2/36.8 (21.4/16.7)	47.2/36.8 (21.4/16.7)	61.8/48.5 (28/22)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 3/8	1/4 1/2
Drainpipe Size O.D. in	1 1/4	1 1/4	1 1/4	1 1/4
Condensate Pump	Standard	Standard	Standard	Standard
Max. Drain-Lift height in (mm)	27 1/2 (698)	27 1/2 (698)	27 1/2 (698)	27 1/2 (698)

*Cassette Indoor	AB09SC2VHA	AB12SC2VHA	AB18SC2VHA
Rated Cooling Capacity Btu/hr	9,000	12,000	18,000
Rated Heating Capacity Btu/hr	10,000	13,000	19,000
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	208-230/60/1	208-230/60/1
Airflow CFM (Turbo/H/M/L/Quiet)	410/365/305/265/205	410/365/305/265/205	470/410/365/295/252
Indoor Sound dB (Turbo/H/M/L/Quiet)	42/40/36/32/25	42/40/36/32/25	45/42/40/36/32
Grille Model	PB-700IB	PB-700IB	PB-700IB
Chassis Dimension: HxWxD in (mm)	10 1/4 x 22 1/2 x 22 1/2 (260 x 570 x 570)	10 1/4 x 22 1/2 x 22 1/2 (260 x 570 x 570)	10 1/4 x 22 1/2 x 22 1/2 (260 x 570 x 570)
Grille Dimension: HxWxD in (mm)	2 3/8 x 27 1/2 x 27 1/2 (60 x 700 x 700)	2 3/8 x 27 1/2 x 27 1/2 (60 x 700 x 700)	2 3/8 x 27 1/2 x 27 1/2 (60 x 700 x 700)
Weight (Ship/Net)- lbs (kg)	46.3/37.5 (21/17)	46.3/37.5 (21/17)	46.3/37.5 (21/17)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 1/2
Drainpipe Size O.D. in	1 1/4	1 1/4	1 1/4
Condensate Pump	Standard	Standard	Standard
Max. Drain-Lift height in (mm)	47 1/4 (1200)	47 1/4 (1200)	47 1/4 (1200)

* Units are also compatible with FlexFit models

Multi-Zone Compatibility Matrix

2U20EH2VHA

Zones	Combinations		Total System Capacity
	Unit A	Unit B	
TWO ZONES	7K	7K	14K
	7K	9K	16K
Unit A	9K	9K	18K
	7K	12K	19K
Unit B	9K	12K	21K
	12K	12K	24K

3U24EH2VHA

Zones	Combinations			Total System Capacity
	Unit A	Unit B	Unit C	
TWO ZONE	—	7K	7K	14K
	—	7K	9K	16K
Unit B	—	9K	9K	18K
	—	7K	12K	19K
Unit C	—	9K	12K	21K
	—	12K	12K	24K
THREE ZONE	—	7K	18K	25K
	—	9K	18K	27K
Unit A	7K	7K	7K	21K
	7K	7K	9K	23K
Unit B	7K	9K	9K	25K
	7K	7K	12K	26K
Unit C	9K	9K	9K	27K
	7K	9K	12K	28K
Unit A	9K	9K	12K	30K
	7K	12K	12K	31K*
Unit B	7K	7K	18K	32K*
	9K	12K	12K	33K*

*All indoor units must be FlexFit models



Limited Warranty

At Haier we take pride in our workmanship, which is why we offer one of the best warranties in the industry. Standard coverage is a 7-year limited warranty on the compressor and a 5-year limited warranty on parts.

Our Tempo, Advanced, Advanced Plus, Arctic and all FlexFit Series systems qualify for a 10-year limited warranty on both the compressor and parts. Equipment must be registered for this extended coverage within 60 days of installation. To register your equipment go to:

www.haierductless.com > support > product registration.

Training

We're with you every step of the way, from theory to application. Through the Haier HVAC Training Center, we teach distributors and contractors everything from service to installation to sales. For those who prefer to learn in the field, our Regional Training Program matches professionals with experienced trainers.

Support

You can always rely on Haier to guide you through warranty processing, parts ordering, product installation, technical documentation and more.

For more info visit us:



www.Haierductless.com



www.Haierductlesshelp.com



Rebates

With their high SEER and EER ratings, Haier ductless systems could earn your customers very attractive rebates.

Learn more by visiting:

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