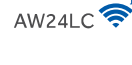


Multi-Zone Solutions

Matching one outdoor unit with a variety of multiple indoor units provides contractors unprecedented application flexibility.

Series	Outdoor	Capacity					Standard Controller	Optional Controller
		7K	9K	12K	18K	24K		
Arctic Multi (Page 28)	 2U20EH2 (2 Zone)	 AW07EH	 AW09EH	 AW12EH	 AW18EH	 AW24LC	 WJ01X24721*	QACT17A** YR-E16B** YR-E17**
		 AW07LC	 AW09LC	 AW12LC	 AW18LC	 AW24LC		
	 3U24EH2 (3 Zone)	 AD07SL	 AD09SL	 AD12SL	 AW18SL	 AM24LP	 YR-E17 Wired controller must be purchased separately	QACT17A YR-E16B YR-E17
			 USYM09U	 USYM12U	 USYM18U	 USYM24U		
	 4U36EH2 (4 Zone)		 AB09SC	 AB12SC	 AB18SC	 AL24LP	 WJ01X24721*	QACT17A YR-E16B YR-E17
			 USYF09U	 USYF12U	 USYF18U			
FlexFit Multi (Page 29)	 2U18MS2 (2 Zone)	 AW07LC	 AW09LC	 AW12LC	 AW18LC	 AW24LC	 WJ01X24721*	QACT17A** YR-E16B** YR-E17**
	 3U24MS2 (2-3 Zone)	 AD07SL	 AD09SL	 AD12SL	 AW18SL	 AM24LP	 YR-E17 Wired controller must be purchased separately	QACT17A YR-E16B YR-E17
			 USYM09U	 USYM12U	 USYM18U	 USYM24U		
	 4U36MS2 (2-4 Zone)		 AB09SC	 AB12SC	 AB18SC	 AL24LP	 WJ01X24721*	QACT17A YR-E16B YR-E17
			 USYF09U	 USYF12U	 USYF18U			



Built-In WiFi Compatible with WiFi Adapter (QAWF01A)

*Remote controller WJ01X24721 and WJ26X27153 are shipped with indoor unit.
** Requires WK-B adapter.



Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR**® Criteria. Ask your contractor for details or visit www.energystar.gov.

Multi-Zone Matching Chart

Haier

2U18MS2VHB 2U20EH2VHA

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



Unit A

Unit B

3U24MS2VHB 3U24EH2VHA

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



Unit B

Unit C

Unit A

Unit B

Unit C

* All indoor units must be FlexFit models

4U36MS2VHB 4U36EH2VHA

Zones	Combinations				Total System Capacity
	Unit A	Unit B	Unit C	Unit D	
TWO ZONE	—	—	9K	18K	27K
	—	—	12K	18K	30K
	—	—	7K	24K	31K
	—	—	9K	24K	33K
	—	—	12K	24K	36K
	—	—	18K	18K	36K
	—	—	24K	18K	42K
	—	—	24K	24K	48K*
	—	9K	9K	9K	27K
	—	7K	9K	12K	28K
	—	9K	9K	12K	30K
	—	7K	12K	12K	31K
	—	7K	7K	18K	32K
	—	9K	12K	12K	33K
	—	7K	9K	18K	34K
	—	9K	9K	18K	36K
	—	12K	12K	12K	36K
	—	7K	12K	18K	37K
	—	9K	12K	18K	39K
	—	7K	9K	24K	40K
	—	9K	9K	24K	42K
THREE ZONE	—	12K	12K	18K	42K
	—	7K	12K	24K	43K
	—	9K	12K	24K	45K
	—	12K	12K	24K	48K*
	—	9K	18K	18K	45K*
	—	12K	18K	18K	48K*
	7K	7K	7K	7K	28K
	7K	7K	7K	9K	30K
	7K	7K	9K	9K	32K
	7K	7K	7K	12K	33K
	7K	9K	9K	9K	34K
	7K	7K	9K	12K	35K
	9K	9K	9K	9K	36K
	7K	9K	9K	12K	37K
	7K	7K	12K	12K	38K
	7K	7K	7K	18K	39K
	9K	9K	9K	12K	39K
	7K	9K	12K	12K	40K
	7K	7K	9K	18K	41K
	9K	9K	12K	12K	42K
FOUR ZONE	7K	9K	9K	18K	43K
	7K	12K	12K	12K	43K
	7K	7K	12K	18K	44K
	7K	7K	7K	24K	45K
	9K	9K	9K	18K	45K
	9K	12K	12K	12K	45K
	7K	7K	9K	24K	47K*
	9K	9K	12K	18K	48K*
	12K	12K	12K	12K	48K*
	—	—	—	—	—

THREE ZONE



Unit B

Unit C

Unit D

FOUR ZONE



Unit A

Unit B

Unit C

Unit D

* All indoor units must be FlexFit models





Multi-Zone Systems

3 outdoor units. 14 indoor units. 1,000+ combinations.

Haier FlexFit multi-zone systems can operate from 2 to 4 indoor units simultaneously with individual zone control. With outdoor units able to supply up to 48,000 BTU of heating/cooling capacity, the FlexFit Multi-Zone series gives you freedom like never before.

Scan this code with your smart device to learn more about FlexFit multi-zone mini-splits.



Specifications

Compressor Type:
DC Inverter Driven Rotary

Voltage/Cycle/Phase:
208-230/60/1

Operating Range (°F):



2 Zones



3 Zones



4 Zones



Outdoor Units		2U18MS2VHB	3U24MS2VHB	4U36MS2VHB
Cooling Non-Ducted	UPC	6-88057-40542-1	6-88057-40543-8	6-88057-40544-5
	Rated Capacity Btu/hr	17,400	22,600	34,000
	Capacity Range Btu/hr	4,400 - 19,400	5,000 - 24,500	5,000 - 36,000
	Rated Power Input W	1,650	2,250	3,770
Cooling Ducted	SEER/EER	16/10.5	18/10	18/9
	Rated Capacity Btu/hr	15,000	21,000	31,000
	Capacity Range Btu/hr	4,400 - 19,400	5,000 - 23,000	5,000 - 34,000
	Rated Power Input W	1,760	2,416	3,590
Heating Non-Ducted	SEER/EER	16/8.5	16/8.5	16/8.5
	Heating Capacity Range Btu/hr	6,100 - 22,100	6,100 - 25,500	6,100 - 36,500
	Rated Heating Capacity 47°F Btu/hr	19,200	23,000	34,600
	COP	3.54	3.8	3.8
	Rated Heating Capacity 17°F Btu/hr	13,000	15,000	22,000
	Max. Heating Capacity 17°F Btu/hr	15,000	17,700	24,000
	Max. Heating Capacity -4°F Btu/hr	10,500	13,500	17,600
	Rated Power Input W	1,570	1,700	2,650
Heating Ducted	HSPF	9.0	10.0	10.0
	Heating Capacity Range Btu/hr	6,100 - 22,100	6,100 - 25,000	6,100 - 35,000
	Rated Heating Capacity 47°F Btu/hr	18,000	22,000	33,000
	COP	2.92	2.92	3.22
	Rated Heating Capacity 17°F Btu/hr	10,000	14,000	21,000
	Max. Heating Capacity 17°F Btu/hr	15,000	17,300	23,300
	Max. Heating Capacity -4°F Btu/hr	9,000	11,000	15,600
	Rated Power Input W	1,700	2,100	3,000
Power Supply	HSPF	8.5	8.5	9.0
	Wire Size between ID and OD	14/4 AWG Stranded	14/4 AWG Stranded	14/4 AWG Stranded
	Maximum Fuse Size A	25	25	30
Outdoor Unit	Minimum Circuit Amp A	15	18	23
	Outdoor Fan Speed RPM	300 - 900	300 - 900	300 - 900
	Outdoor Noise Level dB	53	54	56
	Dimension: Height in (mm)	27 1/16 (688)	28 3/4 (730)	33 1/16 (840)
	Dimension: Width in (mm)	31 7/8 (810)	33 7/8 (860)	37 5/16 (948)
	Dimension: Depth in (mm)	11 5/16 (288)	12 1/8 (308)	13 3/8 (340)
	Weight Ship/Net - lbs (kg)	102.5/95.9 (46.5/43.5)	123.4/116.8 (56/53)	191.8/167.5 (87/76)
Refrigerant Lines	Connectable Indoor unit quantity	2	2 or 3	2, 3 or 4
	Connections	Flare	Flare	Flare
	Liquid O.D. in	1/4 1/4	1/4 1/4 1/4	1/4 1/4 1/4 1/4
	Suction O.D. in	3/8 3/8	3/8 3/8 3/8	3/8 3/8 3/8 1/2
	Factory Charge Oz	49.5	74.0	113.0
	Maximum Line Length Ft / m	82/25	82/25	82/25
	Maximum Height Ft / m	50/15	50/15	50/15
	Maximum Line Length (each individual indoor unit) Ft / m	100/30	200/60	230/70

Multi-Zone Indoor Units

Highwall Indoor



	AW07EH2VHA	AW09EH2VHA	AW12EH2VHA	AW18EH2VHA
UPC	0-84691-84497-6	6-88057-40690-9	6-88057-40692-3	6-88057-40694-7
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

Compatible with WiFi Adapter (QAWF01A)

Highwall Indoor



	AW07LC2VHB	AW09LC2VHB	AW12LC2VHB	AW18LC2VHB	AW24LP2VHA
UPC	6-88057-40706-7	6-88057-40707-4	6-88057-40708-1	6-88057-40709-8	6-88057-40806-4
Rated Cooling Capacity Btu/hr	7,000	9,000	12,000	18,000	22,000
Rated Heating Capacity Btu/hr	8,000	10,000	13,000	19,000	24,000
Voltage, Cycle, Phase V/Hz/-	208-230/60/1	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	710/650/560/440/410
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	49/47/42/36/34
Dimension: H x W x D in (mm)	11 x 33 5/8 x 8 1/16 (280 x 855 x 204)	11 x 33 5/8 x 8 1/16 (280 x 855 x 204)	11 x 33 5/8 x 8 1/16 (280 x 855 x 204)	12 3/4 x 39 1/4 x 9 1/4 (332 x 997 x 235)	13 1/4 x 43 7/8 x 9 9/16 (336 x 1115 x 243)
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)	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	3/8 5/8

Compatible with WiFi Adapter (QAWF01A)

Cassette Indoor



	AB09SC2VHA	AB12SC2VHA	AB18SC2VHA	AL24LP2VHA
UPC	6-88057-40546-9	6-88057-40547-6	6-88057-40548-3	6-88057-40812-5
Rated Cooling Capacity Btu/hr	9,000	12,000	18,000	24,200
Rated Heating Capacity Btu/hr	10,000	13,000	19,000	27,300
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)	410/365/305/265/205	410/365/305/265/205	470/410/365/295/252	600/550/430/360/310
Indoor Sound dB (Turbo/H/M/L/Quiet)	43/40/37/34/31	45/42/39/36/33	45/42/39/36/33	38/36/33/29/26
Grille Model	PB-700KB	PB-700KB	PB-700KB	PB-950KB
Chassis Dimension: HxWxD in (mm)	10 1/4 x 22 7/16 x 22 7/16 (260 x 570 x 570)	10 1/4 x 22 7/16 x 22 7/16 (260 x 570 x 570)	10 1/4 x 22 7/16 x 22 7/16 (260 x 570 x 570)	9 5/8 x 33 1/8 x 33 1/8 (246 x 840 x 840)
Grille Dimension: HxWxD in (mm)	2 3/8 x 27 9/16 x 27 9/16 (60 x 700 x 700)	2 3/8 x 27 9/16 x 27 9/16 (60 x 700 x 700)	2 3/8 x 27 9/16 x 27 9/16 (60 x 700 x 700)	2 x 37 3/8 x 37 3/8 (50 x 950 x 950)
Weight Ship/Net - lbs (kg)	43.9/34 (19.9/15.4)	48.5/40.8 (22/18.5)	48.5/40.8 (22/18.5)	79.4/68.3 (36/31)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 1/2	3/8 5/8
Drainpipe Size O.D. in	1 1/4	1 1/4	1 1/4	1
Condensate Pump	Standard	Standard	Standard	Standard
Max. Drain-Lift Height in(mm)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)	47 1/4 (1200)



Ducted Indoor

	AD07SL2VHB	AD09SL2VHB	AD12SL2VHB	AD18SL2VHB	AM24LP2VHA
UPC	6-88057-40716-6	6-88057-40717-3	6-88057-40718-0	6-88057-40719-7	6-88057-40808-8
Rated Cooling Capacity Btu/hr	7,000	9,000	12,000	18,000	24,000
Rated Heating Capacity Btu/hr	8,000	10,000	13,000	19,000	27,000
Voltage, Cycle, Phase V/Hz/~	208-230/60/1	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	950/950/860/760/700
Max. Ext. Static Pressure in. W.G (Pa)	0.16 (40)	0.16 (40)	0.16 (40)	0.16 (40)	0.6 (150)
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	40/38/35/32/29
Dimension: HxWxD in (mm)	7 5/16 x 33 7/16 x 16 9/16 (185 x 850 x 420)	7 5/16 x 33 7/16 x 16 9/16 (185 x 850 x 420)	7 5/16 x 33 7/16 x 16 9/16 (185 x 850 x 420)	7 5/16 x 46 1/16 x 16 9/16 (185 x 1170 x 420)	9 7/8 x 37 5/8 x 25 3/4 (250 x 957 x 655)
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)	81.1/68.8 (36.8/31.2)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 3/8	1/4 1/2	3/8 5/8
Drainpipe Size O.D. in	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Condensate Pump	Standard	Standard	Standard	Standard	Standard
Max. Drain-Lift Height in(mm)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)	27 9/16 (700)

Mid-Static Ducted Units

FEATURES & BENEFITS:

- Built-in condensate pump
- Up to 0.6" wg external static
- Compatible with all wired controllers
- Dry contact for auxiliary heat available
- Dry contact for outside air damper available
- Supply air plenum kit available
- MERV filter box kit available



	USYM09UCDSA	USYM12UCDSA	USYM18UCDSA	USYM24UCDSA
UPC	0-84691-85155-4	0-84691-85156-1	0-84691-85157-8	0-84691-85158-5
Rated Cooling Capacity Btu/hr	9,000	12,000	18,000	24,000
Rated Heating Capacity Btu/hr	10,000	13,000	19,000	25,000
Voltage, Cycle, Phase V/Hz/~	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Airflow (Turbo/High/Med/Low/Quiet) CFM	424/353/294/235/176	494/424/353/294/235	735/635/541/470/400	835/735/635/541/470
Max. External Static Pressure in. W.G (Pa)	0.6 (150)	0.6 (150)	0.6 (150)	0.6 (150)
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	44/41/38/35/32	47/44/41/38/35	48/45/42/39/36	50/47/44/41/38
Chassis Dimension: HxWxD in (mm)	9.7 x 27.5 x 27.5 (248 x 700 x 700)	9.7 x 27.5 x 27.5 (248 x 700 x 700)	9.7 x 43.3 x 27.5 (248 x 1100 x 700)	9.7 x 43.3 x 27.5 (248 x 1100 x 700)
Weight Ship/Net - lbs (kg)	90.4/63.1 (41/28.6)	90.4/63.1 (41/28.6)	121.3/89.3 (55/40.5)	121.3/89.3 (55/40.5)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 3/8	3/8 5/8
Drainpipe Size O.D. in	5/8	5/8	5/8	5/8
Condensate Pump	Standard	Standard	Standard	Standard
Max. Drain-Lift height in(mm)	39 (1000)	39 (1000)	39 (1000)	39 (1000)

Note: MSP ducted units do not include controller.
A controller must be ordered separately.



Console Units

FEATURES & BENEFITS:

- Mounted on floor or low wall installation
- Quiet operation
- Two-way air supply option



	USYF09UCDWA	USYF12UCDWA	USYF18UCDWA
UPC	0-84691-85152-3	0-84691-85153-0	0-84691-85154-7
Rated Cooling Capacity Btu/hr	9,000	12,000	15,000
Rated Heating Capacity Btu/hr	10,000	13,000	18,000
Voltage, Cycle, Phase V/Hz/~	208-230/60/1	208-230/60/1	208-230/60/1
Airflow (Turbo/High/Med/Low/Quiet) CFM	264/235/205/176/147	294/264/205/176/147	341/311/282/252/223
Indoor Sound Level dB (Turbo/High/Med/Low/Quiet)	40/36/32/25/20	42/38/34/26/21	46/42/37/33/28
Chassis Dimension: HxWxD in (mm)	23.6 x 27.5 x 8.7 (600 x 700 x 220)	23.6 x 27.5 x 8.7 (600 x 700 x 220)	23.6 x 27.5 x 8.7 (600 x 700 x 220)
Weight Ship/Net - lbs (kg)	43.4/36.4 (19.7/16.5)	43.4/36.4 (19.7/16.5)	43.4/36.4 (19.7/16.5)
Liquid / Suction O.D. in	1/4 3/8	1/4 3/8	1/4 1/2
Drainpipe Size O.D. in	5/8	5/8	5/8

