



neo

Innovative ductless mini split solutions
Wall Mount Heat Pump

Up to 22 SEER



Designed for Single Zone applications like:

- Bedrooms
- Living Rooms
- Dining Rooms
- Home Offices
- Sunrooms
- Basements
- Computer / Server Rooms

neo

Key Features

- High Efficiency G10 Inverter Technology (up to 22 SEER)
- Gold Fin Condenser
- Healthy filter options
- Low Ambient Cooling to 5°F
- Low voltage start-up
- Intelligent Defrost
- Intelligent Pre-heating
- Comfortable Sleep Mode
- Auto Swing (Vertical)
- Multiple Fan Speeds
- Auto Clean
- Dry Anti-mildew design
- LED display
- Automatic Operation
- Self-diagnosis
- Memory Function
- Timer
- Control lock
- Fan Delay function



Tether Wired Controller (sold separately)



Model		*NEO09HP115V1A	*NEO12HP115V1A	*NEO09HP230V1A	*NEO12HP230V1A	NEO18HP230V1A*	*NEO24HP230V1A	NEO30HP230V1A	NEO36HP230V1A
System Type		Heat Pump							
Power Supply		115V / 60Hz	115V / 60Hz	208-230V/60Hz	208-230V / 60Hz	208-230V / 60Hz	208-230V / 60Hz	208-230V / 60Hz	208-230V / 60Hz
Rated Current Cooling	Amps	8.2	12	2.8	4.5	6.7	7.9	12.1	17.4
Rated Current Heating	Amps	8.5	14.5	3	5.2	7.3	9.3	12.5	17.9
System Performance									
Cooling Capacity (Min-Max)	Btu/h	9,000 (2,559-11,601)	12,000 (2,661-13,307)	9,000 (3,500-9,600)	12,000 (3,100-13,000)	18,000 (5,970-22,350)	21,400 (9,600-25,000)	28,000 (9,500-30,000)	33,600 (7,400-36,000)
Heating Capacity (Min-Max)	Btu/h	9,500 (2,423-12,966)	13,000 (2,900-13,989)	9,800 (2,200-11,000)	13,000 (2,400-14,000)	19,800 (4,100-22,000)	23,000 (4,300-26,000)	28,400 (10,000-33,000)	34,600 (15,000-36,000)
SEER/EER		22 / 13.2	20 / 12.0	22/14.2	20 / 12.0	18 / 12.0	18 / 12.0	16 / 9.3	16 / 8.2
HSPF/COP		9.8 / 4.0	9.6 / 3.2	9.2/3.8	9.2/3.2	10.0/3.5	10.0/3.2	8.2/2.9	8.2/2.5
Indoor Unit									
Air Flow T/H/M/L	CFM	335/282/247/206	335/282/247/206	306/277/253/218	335/277/253/218	500/459/383/324	588/471/412/353	706/618/530/412	736/647/530/412
Sound Pressure Level T/H/M/L	db (A)	40/37/35/32	42/39/36/33	42/38/35/32	44/39/36/33	49/44/40/35	53/45/41/37	57/55/47	59/57/53/49
Unit Size (WxHxD)	Inches	33.3 x 10.8 x 7.1	33.3 x 10.8 x 7.1	33.3 x 10.8 x 7.1	33.3 x 10.8 x 7.1	37.0 x 11.7 x 7.9	39.7 x 12.4 x 8.6	53.1 x 12.8 x 10.0	53.1 x 12.8 x 10.0
Package Size (WxHxD)	Inches	36.1 x 10.1 x 14.5	36.1 x 10.1 x 14.5	36.1 x 14.6 x 10.2	36.1 x 14.6 x 10.2	39.8 x 15 x 11.2	42.4 x 15.7 x 12.9	56.7 x 16.6 x 14.1	56.7 x 16.6 x 14.1
Net / Gross Weight	lbs	21 / 28	21 / 28	22/29	22 / 29	24 / 31	30 / 38	44 / 60	44 / 60
Outdoor Unit									
Compressor Type		DC Inverter-Driven Twin Rotary							
Sound Pressure Level	db(A)	50	52	50	52	56	58	62	65
Unit Size (WxHxD)	Inches	33.4 x 21.3 x 12.6	33.4 x 21.3 x 12.6	33.4 x 21.3 x 12.6	33.4 x 23.2 x 12.6	37.6 x 27.6 x 15.6	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8
Package Size (WxHxD)	Inches	34.7 x 14.3 x 23.4	34.7 x 14.3 x 23.4	34.6 x 22.8 x 14.1	34.7 x 25.4 x 14.3	40.5 x 29.0 x 18.5	42.6 x 33.7 x 19.2	42.6 x 33.7 x 19.2	42.6 x 33.7 x 19.2
Net / Gross Weight	lb	74 / 83	76 / 85	79/90	88 / 97	99 / 110	132 / 146	154 / 163	161 / 170
Refrigerant / Charge	oz.	R410A / 41.3	R410A / 45.9	R410A / 45.9	R410A / 45.9	R410A / 49.4	R410A / 56.4	R410A / 84.7	R410A / 91.7
Installation									
Line Set Size, Liquid - Suction	Inches	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 5/8"	1/4" - 5/8"	1/4" - 5/8"
Pre-Charge	Feet	25	25	25	25	25	25	25	25
Max.Line Run	Feet	50	66	50	66	82	82	100	100
Max.Elevation	Feet	33	33	33	33	33	33	33	33
MCA	Amps	20	20	10	10	13	16	20	25
MOCP	Amps	30	30	15	15	20	25	30	35
Interconnecting wire		14-4 AWG							
Ambient Cooling Operating Range		5-109 F							
Ambient Heating Operating Range		5-75 F							

* Energy Star Qualified Model



On Select Models



Preserving resources remains our top priority, so we've printed this piece on recycled materials.



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