



# 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

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## Key Features

- High Efficiency G10 Inverter Technology (up to 22 SEER)
- Acrylic Resin/Anti-Corrosion Coil Protection
- 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	
<b>System Performance</b>									
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	
<b>Indoor Unit</b>									
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	
<b>Outdoor Unit</b>									
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	
<b>Installation</b>									
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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