Technical Specifications

SPLIT SYSTEM HEAT PUMPS

Conforms to UL Standard 1995. Certified to CAN/CSA Standard C22.2 No.236.



Environmentally Responsible

Napoleon Heat Pumps are made with the environmentally conscious, chlorine-free refrigerant R-410A. By using a refrigerant that is chlorine-free, Napoleon Heat Pumps do not contribute to ozone depletion.

FEATURES AND BENEFITS

- Up to 15 SEER / 8.5 HSPF
- Capacities ranging from 1.5 tons to 4.0 tons
- Environmentally friendly R-410A refrigerant
- High Efficiency Compressors
- Fin and Tube Condenser
- Swept Fan Blades
- Permanently lubricated PSC motor
- Motor assembly is removable from top of unit
- Service valves and refrigerant connections are located outside the cabinet for easy accessibility and servicing
- Electrical connections are accessible through a removable service panel

NOMENCLATURE

N	T	14	H	030	A
Brand	Configuration	Efficiency	Model	Nominal Cooling Capacity	Revision

- N=Napoleon
- T=Top Discharge
- 14 = 14 -15 SEER
- H=Heat Pump
- 018 = 1.5 Tons
- 024 = 2.0 Tons
- 030 = 2.5 Tons
- 036 = 3.0 Tons
- 042 = 3.5 Tons
- 048 = 4.0 Tons
- A, B, C

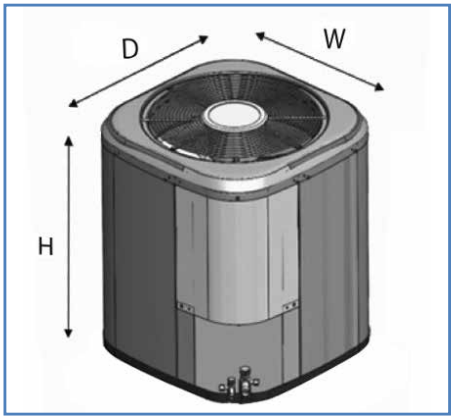
NOTE: Models listed with a “-1” suffix signify a grey coloured unit.

COMPONENTS

1. SIDE PANELS
   - Vertical extruded slots on the side panels protect the interior of Napoleon Heat Pump while allowing the right amount of air flow
   - Powder coated cabinet panels withstanding 1000 hours of salt spray testing
2. VENTURI
   - Integral to the housing, a deep venturi is used in conjunction with the swept fan blade to provide more efficient air flow
3. SWEPT FAN BLADES
   - Contoured blades provide quieter operation
   - Produces efficient air flow
   - Fans are made up of 4 or 2 fan blades to accommodate the unit cooling capacity
4. SCROLL COMPRESSOR
   - Industry leading compressor brand
   - Low vibration and quiet operation
   - Contains built-in safety features



NT14H SPECIFICATIONS



DIMENSIONS

NOM SIZE	MODEL	W (inch)	D (inch)	H (inch)	Weight (lb)
1.5 Tons	NT14H018A	24	24	27	160
2.0 Tons	NT14H024A	24	24	27	160
2.5 Tons	NT14H030A	29 1/2	29 1/2	27	200
3.0 Tons	NT14H036A	29 1/2	29 1/2	27	200
3.5 Tons	NT14H042A	29 1/2	29 1/2	47 7/8	280
4.0 Tons	NT14H048A	29 1/2	29 1/2	47 7/8	280

ELECTRICAL

DESCRIPTION	1.5 Tons	2.0 Tons	2.5 Tons	3.0 Tons	3.5 Tons	4.0 Tons
Compressor Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Ref Charge (oz) 410A	125	120	149	145	268	266
Volt –Hz –Phase	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Compressor LRA (A)	56.3	62.9	67.8	72.2	109.0	123.9
Compressor RLA (A)	9.0	10.9	12.8	14.1	16.7	17.0
Fan Blade Dia. / qty blades	18”/4	18”/4	24”/2	24”/2	24”/2	24”/2
Condenser Fan FLA / HP / RPM rated	0.7/ 1/8 /1075	0.7 / 1/8 / 1075	0.8/ 1/6 /850	0.8/ 1/6 /850	0.8/ 1/6 /850	0.8/ 1/6 /850
MCA	12.0	14.3	16.8	18.4	21.7	22.4
Max. Fuse/Breaker (A)	20	25	25	30	35	35

LINE SET

LINE SIZES	1.5 Tons	2.0 Tons	2.5 Tons	3.0 Tons	3.5 Tons	4.0 Tons
Liquid Line	⅜ “	⅜ “	⅜ “	⅜ “	⅜ “	⅜ “
Suction Line	¾ “	¾ “	¾ “	¾ “	⅞ “	⅞ “

PERFORMANCE

NOM SIZE	MODEL	Cooling Capacity Btu/h	SEER	Heating Capacity Btu/h	HSPF	SCFM Indoor Air Coil	Ref.
1.5 Tons	NT14H018A	19400	15	16300	8.5	660	410A
2.0 Tons	NT14H024A	23200	15	20600	8.5	840	410A
2.5 Tons	NT14H030A	28000	15	26800	8.5	1000	410A
3.0 Tons	NT14H036A	32000	14.5	31000	8.5	1200	410A
3.5 Tons	NT14H042A	37400	15	38000	8.5	1340	410A
4.0 Tons	NT14H048A	43000	15	41500	8.5	1580	410A

NOTE: ALL NAPOLEON HEAT PUMPS MUST BE INSTALLED WITH PROPERLY MATCHED SYSTEM COMPONENTS LISTED ON AHRI DIRECTORY.

NAPOLEON
WOLF STEEL
24 Napoleon Road, Barrie, Ontario, Canada L4M 0G8

PHONE: 866-820-8686 • FAX: 705-725-1150
Website: www.napoleonheatingandcooling.com
General: hvac@napoleonproducts.com
Technical inquiries: hvacsupport@napoleonproducts.com

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ENERGUIDE

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Quality System Certified To ISO 9001-2015

W415-2215 / C / 09.02.20