

TECHNICAL SPECIFICATIONS



PREMIUM CENTRAL HEAT PUMP SERIES



FEATURES AND BENEFITS

- Compatible with EQHub Smart Thermostat, standard thermostats, or home automation systems.
- Hyper Heat DC Inverter Rotary Compressor rated to operate at -30°C (-22 °F) and approved for cold climate operations.
- Heat Pumps are side condensing with smaller footprint for narrow spaces.
- Variable inverter compressor and vapor injection technology can achieve 100% heating capacity at -20°C/-5°F and 100% cooling at 46°C /115°F.
- Widest operating range condition in the category.
- Premium Series Heat Pumps matched with furnace or air handlers are NEEP certified and listed on NRCAN Greener Home program as Cold Climate Air Source Heat Pump systems. Check local Qualified Product Lists for additional rebate programs.

ENVIRONMENTALLY RESPONSIBLE

The Premium Series Heat Pump provides an efficient, cost-effective way to heat and cool your home up to 12 months of the year. When paired with a furnace, the combined unit will function as a hybrid heat system resulting in energy cost savings.

NOMENCLATURE

NEW SEER2 HEAT PUMP NOMENCLATURE



Manufacturer	Discharge Location	SEER Rating	Type	Compressor	1st Capacity	2nd Capacity	Refrigerant Gas	Major Revision	Minor Revision	Brand
Wolf	Side	E=17.0-17.9	Heat Pump	Variable	24 = 2 Ton 48 = 4 Ton	36 = 3 Ton 60 = 5 Ton	R410A	A, B, C	1	N = Napoleon

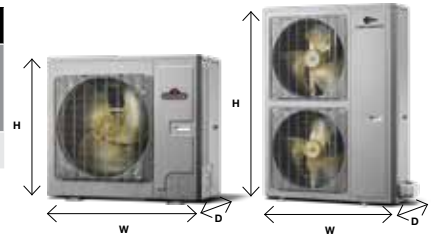
48 60

W S E H V 24 36 R A 1 - N

HEAT PUMP SPECIFICATIONS

DIMENSIONS

PART ID	TON	LINE SET DIAMETERS LIQUID MM (IN)	LINE SET DIAMETERS SUCTION MM (IN)	PRODUCT HEIGHT MM (IN)	PRODUCT WIDTH MM (IN)	PRODUCT DEPTH MM (IN)	PRODUCT NET WEIGHT KG (LBS)
WSEHV2436RA1-N	2T - 3T	9.5 (3/8)	19.05 (3/4)	820 (32 1/4)	940 (37)	486 (19 1/8)	98 (217)
WSEHV4860RA1-N	4T - 5T	9.5 (3/8)	19.05 (3/4)	1365 (53 3/4)	1085 (42 3/4)	395 (15 1/2)	140 (309)



SYSTEM DATA

INDOOR SKU		NPFX24A	NPFX24A36A	NPFX48A	NPFX48A60A
OUTDOOR SKU		WSEHV2436RA1-N	WSEHV2436RA1-N	WSEHV4860RA1-N	WSEHV4860RA1-N
AHRI NUMBER		211624973	211624974	211624975	211624976
COOLING CAPACITY	(BTU/h)	24000	36000	48000	54000
HEATING CAPACITY	(BTU/h)	24000	36000	48000	54000
POWER SUPPLY	V, Ph, Hz	208-230V,1Ph,50/60Hz	208-230V,1Ph,50/60Hz	208-230V,1Ph,50/60Hz	208-230V,1Ph,50/60Hz
SEER2		17	16	17	15.8
EER2		12	10	11	10
HSPF2 (REGION IV)		9	9	9	9
GAS PIPE	mm (inch)	19/(3/4)	19/(3/4)	19/(3/4)	19/(3/4)
LIQUID PIPE	mm (inch)	9.52/(3/8)	9.52/(3/8)	9.52/(3/8)	9.52/(3/8)
STANDARD PIPE LENGTH	m /ft	7.5/24.6	7.5/24.6	7.5/24.6	7.5/24.6
MAX REFRIGERANT PIPE LENGTH BETWEEN INDOOR AND OUTDOOR	m /ft	30/98.4	30/98.4	30/98.4	30/98.4
MAX VERTICAL HEIGHT DIFFERENCE BETWEEN INDOOR AND OUTDOOR	m /ft	15/49.2	15/49.2	15/49.2	15/49.2
CONNECTION METHOD		Flare nut (standard), Brazed (optional)	Flare nut (standard), Brazed (optional)	Flare nut (standard), Brazed (optional)	Flare nut (standard), Brazed (optional)
REFRIGERANT GAS		R410A	R410A	R410A	R410A

OUTDOOR UNIT DATA

OUTDOOR SKU		WSEHV2436RA1-N	WSEHV2436RA1-N	WSEHV4860RA1-N	WSEHV4860RA1-N
SOUND PRESSURE LEVEL	dB(A)	55	57	58	58
MINIMUM - MAXIMUM VOLTAGE	V	187-253	187-253	187-253	187-253
CONTROL VOLTAGE	V	24	24	24	24
RATED CURRENT COOLING	A	13	21	30	30
RATED CURRENT HEATING	A	17	25	31	31
MCA	A	24	24	35	35
MOP	A	35	35	45	45
EXTERNAL DIMENSIONS (HxWxD)	mm (inch)	820x940x460 (32-1/4x37x18-1/8)	820x940x460 (32-1/4x37x18-1/8)	1365x1000x370 (53-3/4x39-3/8x14-1/2)	1365x1000x370 (53-3/4x39-3/8x14-1/2)
NET WEIGHT	kg/lbs	98.5/217.2	98.5/217.2	140/308.7	140/308.7
GROSS WEIGHT	kg/lbs	109/240.3	109/240.3	153/337.4	153/337.4
OPERATION TEMPERATURE FOR COOLING	°C/°F	-15~54/(5~129.2)	-15~54/(5~129.2)	-15~54/(5~129.2)	-15~54/(5~129.2)
OPERATION TEMPERATURE FOR HEATING	°C/°F	-30~24/(-22~75.2)	-30~24/(-22~75.2)	-30~24/(-22~75.2)	-30~24/(-22~75.2)
OUTDOOR FAN TOTAL AIR VOLUME	m³/h/cfm	5100 / 3000	5900 / 3470	7990 / 4700	7990 / 4700
OUTDOOR FAN MOTOR FLA	A	1.5	1.5	1.5 X 2	1.5 X 2
COMPRESSOR RLA	A	16	16	13	13
REFRIGERANT CHARGE	kg/lbs	4.2/ 9.26	4.2/ 9.26	6.25/13.78	6.25/13.78

