

# TECHNICAL SPECIFICATIONS



## CENTRAL HEAT PUMP



### FEATURES AND BENEFITS

- Compatible with EQHub Smart Thermostat, standard thermostats, or home automation systems.
- Equipped with a Hyper Heat DC Inverter Rotary Compressor, capable of operating at -30°C (-22°F) and approved for Cold Climate Operations.
- The Heat Pumps are designed with side condensing and a smaller footprint, ideal for narrow spaces.
- Utilizes variable inverter compressor and vapor injection technology, enabling 100% heating capacity at -20°C/-5°F and 100% cooling at 46°C /115°F.
- Offers the widest operating range in its category.
- Continental Heat Pumps, when paired with select furnace or air handlers, are NEEP certified and listed on NRCan Greener Home program as Cold Climate Air Source Heat Pump systems. Please refer to local Qualified Product Lists for additional rebate programs.

### ENVIRONMENTALLY RESPONSIBLE

The Continental Heat Pumps offer a cost-effective and efficient solution for year-round heating and cooling of your home. When combined with a furnace, this hybrid heat system provides energy cost savings.

### NOMENCLATURE

#### NEW SEER2 HEAT PUMP NOMENCLATURE

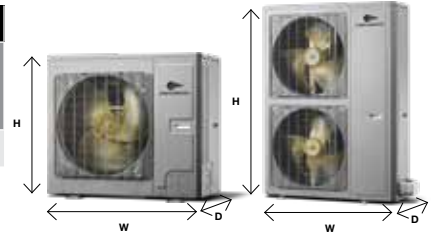


Manufacturer	Discharge Location	SEER Rating	Type	Compressor	1st Capacity	2nd Capacity	Refrigerant Gas	Major Revision	Minor Revision	Brand
Wolf	Side	E=17.0-17.9	Heat Pump	Variable	24 = 2 Ton 48 = 4 Ton	36 = 2.5 Ton 60 = 5 Ton	R410A	A, B, C	1	C = Continental

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## 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-C	2T - 3T	9.5 (3/8)	19.05 (3/4)	820 (32 1/4)	940 (37)	486 (19 1/8)	98 (217)
WSEHV4860RA1-C	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		CPF24A	CPF24A36A	CPF48A	CPF48A60A
OUTDOOR SKU		WSEHV2436RA1-C	WSEHV2436RA1-C	WSEHV4860RA1-C	WSEHV4860RA1-C
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-C	WSEHV2436RA1-C	WSEHV4860RA1-C	WSEHV4860RA1-C
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 (H×W×D)	mm ( inch)	820×940×460 (32-1/4×37×18-1/8)	820×940×460 (32-1/4×37×18-1/8)	1365×1000×370 (53-3/4×39-3/8×14-1/2)	1365×1000×370 (53-3/4×39-3/8×14-1/2)
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

