

COLD CLIMATE LINE

COLD CLIMATE

VY-18

VY-18 · 18,000 Btu/h

17,800 of 18,000 Btu/h at -15 °C.

Ninety-nine percent of rated output at the temperature an Atlantic January actually sits at. A unit that drops to 11,000 at the same temperature hands the difference to your baseboard at roughly three times the running cost. This is the size that replaces the most electric heat in a typical bungalow, on one head.



WHAT THE MARKET CHARGES

Senville AURA 18k · SEER2 21.4	2,099
VY-18 from stock, single unit	1,949
VY-18 on Container Run, lot of 5	1,249
our SEER2 is 2.1 points higher	

RATED COOLING	18,000 Btu/h
RATED HEATING, 47 °F	18,000 Btu/h
HEATING AT -15 °C	17,800 Btu/h
HEATING AT -30 °C	9,800 Btu/h
SEER2 / HSPF2 REGION V	23.5 / 8.8
REFRIGERANT	R-454B (A2L), GWP 466
POWER SUPPLY	208/230 V, 60 Hz, 1 ph
BREAKER	30 A
OUTDOOR UNIT	927 × 380 × 699 mm (36.5 × 15.0 × 27.5 in)
OUTDOOR SOUND	58 dB(A)
WARRANTY	Ten years compressor, five years parts

CONTAINER RUN · LOT OF 5

CAD 1,249

per unit · CAD 6,245 the lot
50 % deposit at order

FROM STOCK · SINGLE UNIT

CAD 1,949

Lead time confirmed in writing at order

Why this unit

- Holds its rated output where the winter actually bites, not just on the data sheet.
- Gold-coated anti-corrosive fin on **both** coils – specified for salt air.
- Base-pan heater fitted as standard, not an option box.
- ENERGY STAR and AHRI listed, so the provincial rebate can actually be claimed.

DELIVERY WINDOW

Lot of five: February 2027 · the order closes when the container is full, production and ocean freight run about fourteen weeks from close. **Single unit:** lead time confirmed in writing at order.

INCLUDED

Indoor unit with mounting plate · outdoor unit · infrared remote · drain hose and fittings · manual in English and French · base-pan heater fitted

CERTIFICATION

ENERGY STAR certified · AHRI reference 218399920 · both entries public and checkable before you order



VY-18 · 18,000 BTU/H

TECHNICAL DATA

Heating curve and full specification

23.5

SEER2

17,800

BTU/H AT -15 °C

-30 °C

KEEPS HEATING TO

Heating output by temperature

OUTDOOR TEMPERATURE	HEATING OUTPUT
47 °F · 8.3 °C	18,000 Btu/h
17 °F · -8 °C	15,500 Btu/h
5 °F · -15 °C	17,800 Btu/h
-5 °F · -20 °C	15,400 Btu/h
-13 °F · -25 °C	12,300 Btu/h
-22 °F · -30 °C	9,800 Btu/h

Sizing

Roughly 700–800 sq ft of cooling. As the only heat source in a well-insulated room through a PEI winter, size it at 450–600 sq ft.

Pick by the heating load, never the cooling load. An oversized unit short-cycles: it blasts, stops, blasts again, never reaches steady state, and pulls almost no moisture out of the air in a humid July.

Certification

ENERGY STAR certified · AHRI reference 218399920. Both entries are public. Look them up in the ENERGY STAR product finder and the AHRI directory before you order anything from us. Canadian rebate programs require an AHRI number; a unit without one cannot be claimed, which is how a cheaper box ends up costing more. The electrical safety mark and the NRCan verification are issued against the production run – you get the number in writing before the balance falls due.

SPECIFICATION	VY-18
Model	KWSM-18IR454BHS23.5R
Rated cooling	18,000 Btu/h
SEER2	23.5
HSPF2, Region IV / V	10.0 / 8.8
EER2	12.5
Heating range	-30 °C to 24 °C
Refrigerant	R-454B (A2L), GWP 466, 1,300 g
Compressor	SANYO C-6RZ210H1EBF rotary
Power supply	208/230 V, 60 Hz, 1 ph
MCA / max fuse	20 A / 30 A
Indoor sound	48 – 34 dB(A)
Outdoor sound	58 dB(A)
Indoor unit W×D×H	1,097 × 222 × 332 mm (43.2 × 8.7 × 13.1 in)
Outdoor unit W×D×H	927 × 380 × 699 mm (36.5 × 15.0 × 27.5 in)
Weight, indoor / outdoor	14 kg (31 lb) / 48 kg (106 lb)
Pipe connections	1/2" gas · 1/4" liquid
Heat exchanger	Gold-coated anti-corrosive fin, both coils
Base-pan heater	Fitted as standard
Control	Infrared remote; Wi-Fi app optional
Warranty	Ten years compressor, five years parts

HOW TO BUY

Container Run, lot of five, CAD 1,249 per unit – CAD 6,245 the lot, 50 % deposit at order. Or a single unit at CAD 1,949, with the lead time confirmed in writing before you pay.

NOT INCLUDED

Line set · wall sleeve and cover · condensate pump · outdoor bracket · disconnect and wiring · installation

INSTALLATION

R-454B is an A2L refrigerant. In Canada it must be handled by a technician holding a valid refrigerant handling certificate. We do not install.

