

ACCESSORY USAGE GUIDE FOR RHV 3 TO 6 TONS

PACKAGED ROOFTOP HEAT PUMP UNITS

14 SEER: 3, 4, 5 TON, 15.2 IEER 6 TON

RHV units are single-packaged heat pump units that are pre-wired and pre-charged with (R-410A) HFC refrigerant. Electric heat is available as a field-installed accessory. The units are factory tested in the cooling mode. 3-5 ton models use single stage cooling capacity control. 6 ton model uses two stage cooling capacity control.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.



STANDARD FEATURES

- Meets or exceeds ASHRAE 90.1 energy compliant efficiency levels
- Single-stage cooling capacity control 036-060 models. Two stage 072 models.
- Rated in accordance with AHRI Standard 210/240 (036-060 sizes) and 340/360 (072 sizes)
- SEERs up to 14.3 and HSPFs up to 8.2
- IEERs up to 15.2 and COPs up to 3.6
- Designed in accordance with Underwriters' Laboratories Standard 1995
- Listed by UL and UL, Canada
- Exclusive non-corrosive composite condensate pan in accordance with ASHRAE 62 Standard, sloping design; side or center drain

- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- Fixed refrigerant metering device on 036-072 models and TXV on 072 sizes
- Fully insulated cabinet
- Cooling operating range from 40°F up to 115°F.
- Access panels with easy grip handles and no-strip screw feature
- Two-inch disposable return air filters
- Tool-less filter access door
- New Direct Drive ECM with X-Vane Fan system.
- New Unit Control Board with intuitive quick fan speed adjustment with simple safety circuit troubleshooting and control box arrangement
- Field Convertible from vertical to horizontal airflow configuration on all models. No special kit required.
- Provisions for thru-the-bottom power entry capability
- Single point electric connections
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Scroll compressors with internal line-break overload protection
- Copper tube, aluminum fin coils
- 24-volt control circuit protected with resettable circuit breaker
- Permanently lubricated evaporator-fan motor
- Permanently lubricated, totally enclosed condenser-fan motors
- Low pressure, freeze protection, and high-pressure switches
- Liquid line filter drier and suction line accumulator standard

STANDARD WARRANTY

- 5-year electric heater
- 5-year compressor
- 1-year parts

FACTORY INSTALLED OPTIONS INCLUDE BUT NOT LIMITED TO:

- Two position damper options (036-060)
- Disconnect and convenience outlet options
- Smoke detectors and CO₂ sensor options
- Multiple optional motor and pulley combinations
- Corrosion resistant options for evaporator and condenser coils
- Integrated economizer system. Low and Ultra Low Leak versions available.
- Condensate Overflow Switch

For a complete list of options and accessories, refer to the Specification Sheets / Catalog for this unit

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NUMBER NOMENCLATURE

MODEL SERIES	R	H	V	0	6	0	L	0	D	A	0	A	A	A
Position Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14
R = Rooftop														
H = Heat Pump		Type												
V = 14 SEER (036-060) 15 IEER (072)			Standard Efficiency											
036 = 36,200 BTUH = 3 Tons 048 = 49,500 BTUH = 4 Tons 060 = 60,500 BTUH = 5 Tons 072 = 71,000 BTUH = 6 Tons														
K = 208/230-1-60 H = 208/230-3-60 L = 460-3-60 S = 575-3-60														
0 = No Heat														
D = Direct Drive X-Vane™ Fan – Standard Static E = Direct Drive X-Vane Fan – High Static F = Direct Drive X-Vane Fan – Medium Static														
A = None B = Economizer with Barometric relief, OA Temp sensor E = Economizer with Barometric relief + CO ₂ sensor, OA Temp sensor H = Economizer with Barometric relief, enthalpy sensor L = Economizer with Barometric relief + CO ₂ sensor, enthalpy sensor P = 2-Position Damper (036-060 models only) U = Temp Ultra Low Leak Economizer with Barometric relief W = Enthalpy Ultra Low Leak Economizer with Barometric relief														
0A = No Options 4B = Non Fused Disconnect Switch AA = Hinged Access Panels AT = Un-Powered Convenience Outlet BB = Powered Convenience Outlet BP = Return Air Smoke Detector BR = Supply Air Smoke Detector CJ = Condensate Overflow Switch														
A = Aluminum / Copper Cond and Evap Coil B = Precoat Alum/Copper Cond with Alum / Copper Evap (3 phase only) C = E-Coated Alum/Copper Cond with Alum / Copper Evap (3 phase only) D = E-Coated Alum / Copper Cond and Evap (3 phase only) E = Copper/Copper Cond and Alum/Copper Evap (3 phase only) F = Copper/Copper Cond and Evap (3 phase only)														
A = Economizer control (W7212) for EconoMiZer® IV (036-060 models) B = Economizer control (W7220) for EconoMiZer X (036-072 models)														

NOTE: On single phase (K voltage code) models the following are not available as factory-installed options:

- Coated or copper fin coils
- Economizers and 2-position damper
- Powered convenience outlet
- Hot Gas Re-Heat

¹See Specification Sheet for actual heating capacities.

²See Specification Sheet for details.

³Combinations of factory-installed options are available, see Specifications Sheet for details.

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FIELD-INSTALLED ACCESSORIES

ELECTRIC HEATERS - Fully assembled for easy slide-in installation. Refer to charts below for wide range of UL-approved kW's per unit. Control two-stage and dual heaters with two-

stage heating thermostat. Must use accessory single-point electrical connection package where listed.

MODELS WITH ELECTRIC HEAT (SEE BELOW FOR NON-FUSED DISCONNECT SWITCH)

	NOM. V-Ph-Hz	ECM-IFM TYPE	Electric Heater Part Number	Nominal (kW)	Application (kW)	Single Point Kit Part Number CRSINGLEXXXXA00			
						NO C.O. or Unpowered C.O.		w/PWRD C.O.	
						NO P.E.	w/ P.E. (pwr'd fr/ unit)	NO P.E.	w/ P.E. (pwr'd fr/ unit)
RHV - 036	208/230-1-60	STD STATIC	CRHEATER323A00	4.4	3.3/4.0	—	—	—	—
			CRHEATER324A00	6.5	4.9/6.0	037	037	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER326A00	10.5	7.9/9.6	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
		MED STATIC	CRHEATER323A00	4.4	3.3/4.0	—	037	—	—
			CRHEATER324A00	6.5	4.9/6.0	037	040	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER326A00	10.5	7.9/9.6	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
		HIGH STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	—	—
			CRHEATER324A00	6.5	4.9/6.0	040	040	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER326A00	10.5	7.9/9.6	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
	208/230-3-60	STD STATIC	CRHEATER323A00	4.4	3.3/4.0	—	—	—	—
			CRHEATER324A00	6.5	4.9/6.0	—	—	—	—
			CRHEATER325A00	8.7	6.5/8.0	—	—	—	037
			CRHEATER326A00	10.5	7.9/9.6	—	037	037	037
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
		MED STATIC	CRHEATER323A00	4.4	3.3/4.0	—	—	—	—
			CRHEATER324A00	6.5	4.9/6.0	—	—	—	—
			CRHEATER325A00	8.7	6.5/8.0	—	—	037	037
			CRHEATER326A00	10.5	7.9/9.6	037	037	037	037
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
		HIGH STATIC	CRHEATER323A00	4.4	3.3/4.0	—	—	—	—
			CRHEATER324A00	6.5	4.9/6.0	—	—	—	—
			CRHEATER325A00	8.7	6.5/8.0	—	—	037	037
			CRHEATER326A00	10.5	7.9/9.6	037	037	037	037
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
	460-3-60	STD STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER334A00	8.8	8.1	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
		MED STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER334A00	8.8	8.1	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
		HIGH STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER334A00	8.8	8.1	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
	575-3-60	STD STATIC	CRHEATER339A00	10.0	9.2	—	—	—	—
			CRHEATER340A00	15.0	13.8	—	—	—	—
		MED STATIC	CRHEATER339A00	10.0	9.2	—	—	—	—
			CRHEATER340A00	15.0	13.8	—	—	—	—
		HIGH STATIC	CRHEATER339A00	10.0	9.2	—	—	—	—
			CRHEATER340A00	15.0	13.8	—	—	—	—

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MODELS WITH ELECTRIC HEAT AND FACTORY INSTALLED NON-FUSED DISCONNECT SWITCH

	NOM. V-Ph-Hz	ECM-IFM TYPE	Electric Heater Part Number	Nominal (kW)	Application (kW)	Single Point Kit Part Number CRSINGLEXXXXA00			
						NO C.O. or Unpowered C.O.		w/PWRD C.O.	
						NO P.E.	w/ P.E. (pwrdr fr/ unit)	NO P.E.	w/ P.E. (pwrdr fr/ unit)
RHV - 036	208/230-1-60	STD STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	—	—
			CRHEATER324A00	6.5	4.9/6.0	037	037	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER326A00	10.5	7.9/9.6	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
		MED STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	—	—
			CRHEATER324A00	6.5	4.9/6.0	037	040	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER326A00	10.5	7.9/9.6	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
		HIGH STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	—	—
			CRHEATER324A00	6.5	4.9/6.0	040	040	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER326A00	10.5	7.9/9.6	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
	208/230-3-60	STD STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	037	037
			CRHEATER324A00	6.5	4.9/6.0	037	037	037	037
			CRHEATER325A00	8.7	6.5/8.0	037	037	037	037
			CRHEATER326A00	10.5	7.9/9.6	037	037	037	037
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
		MED STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	037	037
			CRHEATER324A00	6.5	4.9/6.0	037	037	037	037
			CRHEATER325A00	8.7	6.5/8.0	037	037	037	037
			CRHEATER326A00	10.5	7.9/9.6	037	037	037	037
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
		HIGH STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	037	037
			CRHEATER324A00	6.5	4.9/6.0	037	037	037	037
			CRHEATER325A00	8.7	6.5/8.0	037	037	037	037
			CRHEATER326A00	10.5	7.9/9.6	037	037	037	038
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
	460-3-60	STD STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER334A00	8.8	8.1	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
		MED STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER334A00	8.8	8.1	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
		HIGH STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER334A00	8.8	8.1	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
	575-3-60	STD STATIC	CRHEATER339A00	10.0	9.2	—	—	—	—
			CRHEATER340A00	15.0	13.8	—	—	—	—
		MED STATIC	CRHEATER339A00	10.0	9.2	—	—	—	—
			CRHEATER340A00	15.0	13.8	—	—	—	—
		HIGH STATIC	CRHEATER339A00	10.0	9.2	—	—	—	—
			CRHEATER340A00	15.0	13.8	—	—	—	—

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MODELS WITH ELECTRIC HEAT (SEE BELOW FOR NON-FUSED DISCONNECT SWITCH)

	NOM. V-Ph-Hz	ECM-IFM TYPE	Electric Heater Part Number	Nominal (kW)	Application (kW)	Single Point Kit Part Number CRSINGLEXXXXA00			
						NO C.O. or Unpowered C.O.		w/PWRD C.O.	
						NO P.E.	w/ P.E. (pwrdr fr/ unit)	NO P.E.	w/ P.E. (pwrdr fr/ unit)
RHV - 048	208/230-1-60	STD STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
			CRHEATER329A00	17.4	13.1/16.0	041	041	—	—
			CRHEATER330A00 ¹	19.2	14.4/17.6	041	041	—	—
			CRHEATER331A00 ²	21.0	15.8/19.3	041	041	—	—
		MED STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
			CRHEATER329A00	17.4	13.1/16.0	041	041	—	—
			CRHEATER330A00 ¹	19.2	14.4/17.6	041	041	—	—
			CRHEATER331A00 ²	21.0	15.8/19.3	041	041	—	—
		HIGH STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
			CRHEATER329A00	17.4	13.1/16.0	041	041	—	—
			CRHEATER330A00 ¹	19.2	14.4/17.6	041	041	—	—
			CRHEATER331A00 ²	21.0	15.8/19.3	041	041	—	—
	208/230-3-60	STD STATIC	CRHEATER323A00	4.4	3.3/4.0	—	—	—	—
			CRHEATER324A00	6.5	4.9/6.0	—	—	—	—
			CRHEATER325A00	8.7	6.5/8.0	—	037	037	037
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER330A00 ¹	19.2	14.4/17.6	039	039	039	039
			CRHEATER331A00 ²	21.0	15.8/19.3	039	039	039	039
		MED STATIC	CRHEATER323A00	4.4	3.3/4.0	—	—	—	—
			CRHEATER324A00	6.5	4.9/6.0	—	—	—	037
			CRHEATER325A00	8.7	6.5/8.0	037	037	037	037
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER330A00 ¹	19.2	14.4/17.6	039	039	039	039
			CRHEATER331A00 ²	21.0	15.8/19.3	039	039	039	039
		HIGH STATIC	CRHEATER323A00	4.4	3.3/4.0	—	—	—	—
			CRHEATER324A00	6.5	4.9/6.0	—	—	—	—
			CRHEATER325A00	8.7	6.5/8.0	—	037	037	037
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER330A00 ¹	19.2	14.4/17.6	039	039	039	039
			CRHEATER331A00 ²	21.0	15.8/19.3	039	039	039	039
	460-3-60	STD STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
		MED STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
		HIGH STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
	575-3-60	STD STATIC	CRHEATER339A00	10.0	9.2	—	—	—	—
			CRHEATER340A00	15.0	13.8	—	—	—	—
		MED STATIC	CRHEATER339A00	10.0	9.2	—	—	—	—
			CRHEATER340A00	15.0	13.8	—	—	—	—
		HIGH STATIC	CRHEATER339A00	10.0	9.2	—	—	—	—
			CRHEATER340A00	15.0	13.8	—	—	—	—

1. Do not use with size 048 in Horizontal duct supply configuration.
2. Do not use with size 048 in Vertical duct supply configuration.

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MODELS WITH ELECTRIC HEAT AND FACTORY INSTALLED NON-FUSED DISCONNECT SWITCH

	NOM. V-Ph-Hz	ECM-IFM TYPE	Electric Heater Part Number	Nominal (kW)	Application (kW)	Single Point Kit Part Number CRSINGLEXXXA00			
						NO C.O. or Unpowered C.O.		w/PWRD C.O.	
						NO P.E.	w/ P.E. (pwrdr fr/ unit)	NO P.E.	w/ P.E. (pwrdr fr/ unit)
RHV - 048	208/230-1-60	STD STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
			CRHEATER329A00	17.4	13.1/16.0	041	041	—	—
			CRHEATER330A00 ¹	19.2	14.4/17.6	041	041	—	—
			CRHEATER331A00 ²	21.0	15.8/19.3	041	041	—	—
		MED STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
			CRHEATER329A00	17.4	13.1/16.0	041	041	—	—
			CRHEATER330A00 ¹	19.2	14.4/17.6	041	041	—	—
			CRHEATER331A00 ²	21.0	15.8/19.3	041	041	—	—
		HIGH STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
			CRHEATER329A00	17.4	13.1/16.0	041	041	—	—
			CRHEATER330A00 ¹	19.2	14.4/17.6	041	041	—	—
			CRHEATER331A00 ²	21.0	15.8/19.3	041	041	—	—
	208/230-3-60	STD STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	037	037
			CRHEATER324A00	6.5	4.9/6.0	037	037	037	037
			CRHEATER325A00	8.7	6.5/8.0	037	037	037	037
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER330A00 ¹	19.2	14.4/17.6	039	039	039	039
			CRHEATER331A00 ²	21.0	15.8/19.3	039	039	039	039
		MED STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	037	037
			CRHEATER324A00	6.5	4.9/6.0	037	037	037	037
			CRHEATER325A00	8.7	6.5/8.0	037	037	037	037
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER330A00 ¹	19.2	14.4/17.6	039	039	039	039
			CRHEATER331A00	21.0	15.8/19.3	039	039	039	039
		HIGH STATIC	CRHEATER323A00	4.4	3.3/4.0	037	037	037	037
			CRHEATER324A00	6.5	4.9/6.0	037	037	037	037
			CRHEATER325A00	8.7	6.5/8.0	037	037	037	037
			CRHEATER328A00	16.0	12.0/14.7	037	037	038	038
			CRHEATER330A00 ¹	19.2	14.4/17.6	038	038	038	038
			CRHEATER331A00 ²	21.0	15.8/19.3	038	038	038	038
	460-3-60	STD STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
		MED STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
		HIGH STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
	575-3-60	STD STATIC	CRHEATER339A00	10.0	9.2	—	—	—	—
			CRHEATER340A00	15.0	13.8	—	—	—	—
		MED STATIC	CRHEATER339A00	10.0	9.2	—	—	—	—
			CRHEATER340A00	15.0	13.8	—	—	—	—
		HIGH STATIC	CRHEATER339A00	10.0	9.2	—	—	—	—
			CRHEATER340A00	15.0	13.8	—	—	—	—

1 Do not use with size 048 in Horizontal duct supply configuration.

2 Do not use with size 048 in Vertical duct supply configuration.

ACCESSORY USAGE GUIDE FOR RHV 3 TO 6 TONS

MODELS WITH ELECTRIC HEAT (SEE BELOW FOR NON-FUSED DISCONNECT SWITCH)

	NOM. V-Ph-Hz	ECM-IFM TYPE	Electric Heater Part Number	Nominal (kW)	Application (kW)	Single Point Kit Part Number CRSINGLEXXXA00			
						NO C.O. or Unpowered C.O.		w/PWRD C.O.	
						NO P.E.	w/ P.E. (pwrdr fr/ unit)	NO P.E.	w/ P.E. (pwrdr fr/ unit)
RHV - 060	208/230-1-60	STD STATIC	CRHEATER324A00	6.5	4.9/6.0	040	040	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
			CRHEATER329A00	17.4	13.1/16.0	041	041	—	—
			CRHEATER331A00	21.0	15.8/19.3	041	041	—	—
		MED STATIC	CRHEATER324A00	6.5	4.9/6.0	040	040	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
			CRHEATER329A00	17.4	13.1/16.0	041	041	—	—
			CRHEATER331A00	21.0	15.8/19.3	041	041	—	—
		HIGH STATIC	Not Available						
	208/230-3-60	STD STATIC	CRHEATER324A00	6.5	4.9/6.0	-	037	037	037
			CRHEATER326A00	10.5	7.9/9.6	038	038	038	038
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER331A00	21.0	15.8/19.3	039	039	039	039
			CRHEATER332A00	24.5	18.4/22.5	039	039	039	039
		MED STATIC	CRHEATER324A00	6.5	4.9/6.0	-	037	037	037
			CRHEATER326A00	10.5	7.9/9.6	038	038	038	038
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER331A00	21.0	15.8/19.3	039	039	039	039
			CRHEATER332A00	24.5	18.4/22.5	039	039	039	039
		HIGH STATIC	CRHEATER324A00	6.5	4.9/6.0	-	-	037	037
			CRHEATER326A00	10.5	7.9/9.6	037	038	038	038
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER331A00	21.0	15.8/19.3	039	039	039	039
			CRHEATER332A00	24.5	18.4/22.5	039	039	039	039
	460-3-60	STD STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
			CRHEATER338A00	24.0	22.0	037	037	037	037
		MED STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
			CRHEATER338A00	24.0	22.0	037	037	037	037
		HIGH STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
	575-3-60	STD STATIC	CRHEATER340A00	15.0	13.8	—	—	—	—
			CRHEATER341A00	25.0	22.0	037	037	037	037
		MED STATIC	CRHEATER340A00	15.0	13.8	—	—	—	—
			CRHEATER341A00	25.0	22.0	037	037	037	037
		HIGH STATIC	CRHEATER340A00	15.0	13.8	—	—	—	—
			CRHEATER341A00	25.0	22.0	037	037	037	037

ACCESSORY USAGE GUIDE FOR RHV 3 TO 6 TONS

MODELS WITH ELECTRIC HEAT AND FACTORY INSTALLED NON-FUSED DISCONNECT SWITCH

	NOM. V-Ph-Hz	ECM-IFM TYPE	Electric Heater Part Number	Nominal (kW)	Application (kW)	Single Point Kit Part Number CRSINGLEXXXXA00			
						NO C.O. or Unpowered C.O.		w/PWRD C.O.	
						NO P.E.	w/ P.E. (pwrdr fr/ unit)	NO P.E.	w/ P.E. (pwrdr fr/ unit)
RHV - 060	208/230-1-60	STD STATIC	CRHEATER324A00	6.5	4.9/6.0	040	040	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
			CRHEATER329A00	17.4	13.1/16.0	041	041	—	—
			CRHEATER331A00	21.0	15.8/19.3	041	041	—	—
		MED STATIC	CRHEATER324A00	6.5	4.9/6.0	040	040	—	—
			CRHEATER325A00	8.7	6.5/8.0	040	040	—	—
			CRHEATER327A00	13.0	9.8/11.9	041	041	—	—
			CRHEATER329A00	17.4	13.1/16.0	041	041	—	—
			CRHEATER331A00	21.0	15.8/19.3	041	041	—	—
		HIGH STATIC	Not Available						
	208/230-3-60	STD STATIC	CRHEATER324A00	6.5	4.9/6.0	037	037	037	037
			CRHEATER326A00	10.5	7.9/9.6	038	038	038	038
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER331A00	21.0	15.8/19.3	039	039	039	039
			CRHEATER332A00	24.5	18.4/22.5	039	039	039	039
		MED STATIC	CRHEATER324A00	6.5	4.9/6.0	037	037	037	037
			CRHEATER326A00	10.5	7.9/9.6	038	038	038	038
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER331A00	21.0	15.8/19.3	039	039	039	039
			CRHEATER332A00	24.5	18.4/22.5	039	039	039	039
		HIGH STATIC	CRHEATER324A00	6.5	4.9/6.0	037	037	037	037
			CRHEATER326A00	10.5	7.9/9.6	037	038	038	038
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER331A00	21.0	15.8/19.3	039	039	039	039
			CRHEATER332A00	24.5	18.4/22.5	039	039	039	039
	460-3-60	STD STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
			CRHEATER338A00	24.0	22.0	037	037	037	037
		MED STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
			CRHEATER338A00	24.0	22.0	037	037	037	037
		HIGH STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
	575-3-60	STD STATIC	CRHEATER340A00	15.0	13.8	—	—	—	—
			CRHEATER341A00	25.0	22.0	037	037	037	037
		MED STATIC	CRHEATER340A00	15.0	13.8	—	—	—	—
			CRHEATER341A00	25.0	22.0	037	037	037	037
		HIGH STATIC	CRHEATER340A00	15.0	13.8	—	—	—	—
			CRHEATER341A00	25.0	22.0	037	037	037	037

ACCESSORY USAGE GUIDE FOR RHV 3 TO 6 TONS

MODELS WITH ELECTRIC HEAT (SEE BELOW FOR NON-FUSED DISCONNECT SWITCH)

	NOM. V-Ph-Hz	ECM-IFM TYPE	Electric Heater Part Number	Nominal (kW)	Application (kW)	Single Point Kit Part Number CRSINGLEXXXXA00			
						NO C.O. or Unpowered C.O.		w/PWRD C.O.	
						NO P.E.	w/ P.E. (pwrdr fr/ unit)	NO P.E.	w/ P.E. (pwrdr fr/ unit)
RHV - 072	208/230-3-60	STD STATIC	CRHEATER324A00	6.5	4.9/6.0	037	037	037	037
			CRHEATER326A00	10.5	7.9/9.6	038	038	038	038
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER331A00	21.0	15.8/19.3	039	039	039	039
			CRHEATER332A00	24.5	18.4/22.5	039	039	039	039
		MED STATIC	CRHEATER324A00	6.5	4.9/6.0	—	—	037	037
			CRHEATER326A00	10.5	7.9/9.6	037	038	038	038
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER331A00	21.0	15.8/19.3	039	039	039	039
			CRHEATER332A00	24.5	18.4/22.5	039	039	039	039
		HIGH STATIC	CRHEATER324A00	6.5	4.9/6.0	—	037	037	037
			CRHEATER326A00	10.5	7.9/9.6	038	038	038	038
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER331A00	21.0	15.8/19.3	039	039	039	039
			CRHEATER332A00	24.5	18.4/22.5	039	039	039	039
	460-3-60	STD STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
			CRHEATER338A00	24.0	22.0	037	037	037	037
		MED STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
			CRHEATER338A00	24.0	22.0	037	037	037	037
		HIGH STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
			CRHEATER338A00	24.0	22.0	037	037	037	037
	575-3-60	STD STATIC	CRHEATER340A00	15.0	13.8	—	—	—	—
			CRHEATER341A00	25.0	22.0	037	037	037	037
		MED STATIC	CRHEATER340A00	15.0	13.8	—	—	—	—
			CRHEATER341A00	25.0	22.0	037	037	037	037
		HIGH STATIC	CRHEATER340A00	15.0	13.8	—	—	—	—
			CRHEATER341A00	25.0	22.0	037	037	037	037

ACCESSORY USAGE GUIDE FOR RHV 3 TO 6 TONS

MODELS WITH ELECTRIC HEAT AND FACTORY INSTALLED NON-FUSED DISCONNECT SWITCH

	NOM. V-Ph-Hz	ECM-IFM TYPE	Electric Heater Part Number	Nominal (kW)	Application (kW)	Single Point Kit Part Number CRSINGLEXXXXA00			
						NO C.O. or Unpowered C.O.		w/PWRD C.O.	
						NO P.E.	w/ P.E. (pwrdr fr/ unit)	NO P.E.	w/ P.E. (pwrdr fr/ unit)
RHV - 072	208/230-3-60	STD STATIC	CRHEATER324A00	6.5	4.9/6.0	037	037	037	037
			CRHEATER326A00	10.5	7.9/9.6	038	038	038	038
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER331A00	21.0	15.8/19.3	039	039	039	039
			CRHEATER332A00	24.5	18.4/22.5	039	039	039	039
		MED STATIC	CRHEATER324A00	6.5	4.9/6.0	037	037	037	037
			CRHEATER326A00	10.5	7.9/9.6	037	038	038	038
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER331A00	21.0	15.8/19.3	039	039	039	039
			CRHEATER332A00	24.5	18.4/22.5	039	039	039	039
		HIGH STATIC	CRHEATER324A00	6.5	4.9/6.0	037	037	037	037
			CRHEATER326A00	10.5	7.9/9.6	038	038	038	038
			CRHEATER328A00	16.0	12.0/14.7	038	038	038	038
			CRHEATER331A00	21.0	15.8/19.3	039	039	039	039
			CRHEATER332A00	24.5	18.4/22.5	039	039	039	039
	460-3-60	STD STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
			CRHEATER338A00	24.0	22.0	037	037	037	037
		MED STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
			CRHEATER338A00	24.0	22.0	037	037	037	037
		HIGH STATIC	CRHEATER333A00	6.0	5.5	—	—	—	—
			CRHEATER335A00	11.5	10.6	—	—	—	—
			CRHEATER336A00	14.0	12.9	—	—	—	—
			CRHEATER337A00	21.5	19.7	037	037	037	037
			CRHEATER338A00	24.0	22.0	037	037	037	037
	575-3-60	STD STATIC	CRHEATER340A00	15.0	13.8	—	—	—	—
			CRHEATER341A00	25.0	22.0	037	037	037	037
		MED STATIC	CRHEATER340A00	15.0	13.8	—	—	—	—
			CRHEATER341A00	25.0	22.0	037	037	037	037
		HIGH STATIC	CRHEATER340A00	15.0	13.8	—	—	—	—
			CRHEATER341A00	25.0	22.0	037	037	037	037

ACCESSORY USAGE GUIDE FOR RHV 3 TO 6 TONS

FIELD-INSTALLED ACCESSORIES

ECONOMIZER IV - LOW LEAK CONTROLLER INCLUDED VERTICAL

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
CRECOMZR020A02	LOW LEAK Vertical EconoMi\$er IV with solid-state controller, gear-driven, damper, spring return actuator, up to 100% barometric relief, supply and outdoor air temperature sensors, and CO ₂ sensor compatible, for use in non-DDC applications.	036-072 Elect Mech Controls

1. EconoMi\$er IV cannot be installed with an EconoMi\$er X, Manual Damper, or Motorized Damper.
2. When installed on a unit with hinged panels, hinged panel access kit is also required.

NOTE: RHV 072 model uses two speed indoor fan logic, the above economizer is for single stage motor control.
See Application Tip 'AB-18-0002' for further guidance when using this.

ECONOMIZER IV - LOW LEAK CONTROLLER INCLUDED HORIZONTAL

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
CRECOMZR024A02	LOW LEAK Horizontal EconoMi\$er IV with solid-state controller, gear-driven, modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air temperature sensors, and CO ₂ sensor compatible, for use in non-DDC applications.	036-072 Elect Mech Controls

1. EconoMi\$er IV cannot be installed with an EconoMi\$er X, Manual Damper, or Motorized Damper.
2. When installed on a unit with hinged panels, hinged panel access kit is also required.

NOTE: RHV 072 model uses two speed indoor fan logic, the above economizer is for single stage motor control.
See Application Tip 'AB-18-0002' for further guidance when using this.

ECONOMIZER X - LOW LEAK, CONTROLLER INCLUDED VERTICAL

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
CRECOMZR076A00	LOW LEAK - Vertical EconoMi\$er X with solid-state W7220 controller, gear-driven, modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air temperature sensors, and CO ₂ sensor compatible, for use in electro mechanical controls only. Controller meets California Title 24 Section 120.2 Fault Detection and Diagnostic (FDD) requirements.	036-072 Elect Mech Controls

1. EconoMi\$er X cannot be installed with an EconoMi\$er IV, Manual Damper or Motorized Damper.

2. When installed on a unit with hinged panels, hinged panel access kit is also required.

HORIZONTAL

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
CRECOMZR077A00	LOW LEAK - Horizontal EconoMi\$er X with solid-state W7220 controller, gear-driven, modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air temperature sensors, and CO ₂ sensor compatible, for use in electro mechanical controls only. Controller meets California title 24 Section 120.2 Fault Detection and Diagnostic (FDD) requirements.	036-072 Elect Mech Controls

1. EconoMi\$er X cannot be installed with an EconoMi\$er IV, Manual Damper or Motorized Damper.

2. When installed on a unit with hinged panels, hinged panel access kit is also required.

ECONOMIZER X - ULTRA LOW LEAK, CONTROLLER INCLUDED VERTICAL

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
CRECOMZR067A01	Ultra LOW LEAK - Vertical EconoMi\$er X with solid-state W7220 controller, gear-driven, modulating damper, spring return actuator, up to 100% barometric relief, supply and outdoor air temperature sensors, and CO ₂ sensor compatible, for use in electro mechanical controls only. Also includes return, outside air, and relief air damper leakage that meets Title 24 section 140.4 and ASHRAE 90.1 requirements. Controller meets California Title 24 Fault Detection and Diagnostic (FDD) requirements.	036-072 Elect Mech Controls

NOTES:

1. EconoMi\$er X cannot be installed with an EconoMi\$er IV, Manual Damper or Motorized Damper.
2. Currently only available on vertical air flow configuration models. Contact your local MicroMetl account manager 1-800-884-4662 if horizontal model is required.
3. When installed on a unit with hinged panels, hinged panel access kit is also required.

ACCESSORY USAGE GUIDE FOR RHV 3 TO 6 TONS

ACCESSORY KITS FOR UNITS WITH HINGED ACCESS PANELS

VERTICAL

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
CRPECONV003A00	Vertical accessory kit is required when field installing a vertical economizer on a unit that has hinged access panels. Includes angle and seal strip.	036-072

HORIZONTAL

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
CRHNGPNL001A00	Horizontal accessory kit is required when field installing a horizontal economizer on a unit that has hinged access panels. Includes door panel, angle and seal strip.	036-072

ECONOMIZER SENSORS

ECONOMIZER SENSOR USAGE CHART

DESIRED CONTROL METHOD	ECONOMIZER IV ¹ REQUIRED FIELD-INSTALLED SENSOR(S)	ECONOMIZER X ¹ REQUIRED FIELD-INSTALLED SENSOR(S)
Single Dry Bulb Control	None. Outside Air dry bulb sensor is factory installed.	None. Outside Air dry bulb sensor is factory installed.
Single Enthalpy Control	(1) --HH--57AC-078	(1) --HH57AC--081
Differential Enthalpy Control	(1) --HH--57AC-078 & (1) CRENTDIF004A00	(2) --HH57AC--081
To Add CO ₂ DCV Control with above:	Duct Mount (1) CRCBDIOX005A00	(1) CRCBDIOX005A00

1. OAT and SAT sensors included for EconoMi\$er IV or EconoMi\$er X

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
CRTEMPSN002A00	Outdoor or Return Dry Bulb Temperature Sensor used with Electro-Mechanical control.	EconoMi\$er IV
CRCBDIOX005A00	CO ₂ Sensor for use in return airstream. Also includes Aspirator Box required for Duct Mounting.	EconoMi\$er IV, X
--HH--57AC-078	Accu-sensor Economizer differential Enthalpy Control Upgrade	EconoMi\$er IV
CRENTDIF004A00	Return Air Enthalpy Sensor used with Electro-Mechanical controls, use with --HH--57AC-078 for differential enthalpy control.	EconoMi\$er IV
--HH57AC--081	Enthalpy Control for W7220 Controller only, (One required for single enthalpy, two required for different enthalpy)	Economizer X

NOTE: Supply air temperature sensor (SAT and low ambient lockout switch) provided with EconoMi\$er IV or EconoMi\$er X

ACCESSORY USAGE GUIDE FOR RHV 3 TO 6 TONS

POWER EXHAUST OPTIONS

VERTICAL

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
CRPWREXH030A01	Power Exhaust System (208/230-1-60)	036-072 208/230-1-60 208/230-3-60 †
CRPWREXH021A01	Power Exhaust System (460-3-60)	036-072 460-3-60

NOTES:

1. Vertical Power Exhaust requires a vertical Economizer
2. Vertical Power Exhaust package includes exhaust hood, screens, and propeller fan system
3. Power Exhaust must be used with an integrated economizer. A manual or motorized damper cannot be used with Power Exhaust.

† For 575 Volt, order 208/230/3/60 volt power exhaust and below listed 575 volt transformer

HORIZONTAL

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
CRPWREXH028A01	Horizontal Power Exhaust (208/230-1-60)	All 208/230-1-60 208/230-3-60
CRPWREXH029A01	Horizontal Power Exhaust (208/230-1-60)	All 460-3-60

NOTES:

1. Horizontal Power Exhaust should be duct-mounted in the return duct
2. Horizontal Power Exhaust package includes exhaust hood, screens, and propeller fan system
3. Power Exhaust must be used with an integrated economizer. A manual or motorized damper cannot be used with Power Exhaust.

575V TRANSFORMERS

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
--HT--01AH-859	Transformer for conversion from 575 volt to 208/230 volt power exhaust applications.	Convert from 575 volt to 208/230 volt Power Exhaust applications.

OUTDOOR AIR DAMPER OPTIONS

MANUAL OUTDOOR AIR DAMPERS

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE ¹
CRMANDPR001A03	25% Open Manual Outdoor Air Damper Package	036-072
CRMANDPR001A02	50% Open Manual Outdoor Air Damper Package	036-072

1. EconoMi\$er IV, EconoMi\$er X, Manual Damper and 2-Pos Motorized Damper are all mutually exclusive and cannot be installed together.

MOTORIZED OUTDOOR AIR DAMPERS

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE ¹
CRTWOPOS010A00	Motorized 2-position outdoor air damper (25-100% Outdoor Air)	036-072

1. EconoMi\$er IV, EconoMi\$er X, Manual Damper and 2-Pos Motorized Damper are all mutually exclusive and cannot be installed together.

ADDITIONAL NOTES:

1. Manual dampers include hood assembly, bird screen, adjustable damper blade (to allow up to the rated outdoor air %), and bottom panel with opening.
2. Motorized dampers include bottom panel with opening (100% two-position damper includes 30% barometric relief capability), and adjustable damper (to allow up to the rated outdoor air %).
3. Motorized dampers will close on loss of power to the rooftop unit. Manual and Motorized dampers are not compatible with a vertical power exhaust module

LOUVERED HAIL GUARDS - CONDENSER COIL

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
CRLVHLGD049A00	Louvered Condenser Coil Hail Guard — Includes louvered panel(s) to protect condenser coil from damage and vandalism.	036 Size
CRLVHLGD047A00	Louvered Condenser Coil Hail Guard — Includes louvered panel(s) to protect condenser coil from damage and vandalism.	048 Size
CRLVHLGD048A00	Louvered Condenser Coil Hail Guard — Includes louvered panel(s) to protect condenser coil from damage and vandalism.	060 Size

NOTE: Currently unavailable for 072 Size.

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ROOF CURB OPTIONS STANDARD ROOF CURBS

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
CRRFCURB001A01	14-inch (356 mm) Tall Roof Curb. Complies with NRCA standards. Ductwork attaches to the roof curb. Includes thru-the-bottom capability.	036-072
CRRFCURB002A01	24-inch (607 mm) Tall Roof Curb. Complies with NRCA standards. Ductwork attaches to the roof curb. Includes thru-the-bottom capability.	036-072

THRU-THE-BOTTOM CONNECTION KITS

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
CRBTMPWR008A00	Thru-the-bottom electrical connections and thru-the-curb (not thru the bottom) gas connections. Includes a 3/4-inch (19 mm) diameter liquid tight conduit fitting for high voltage power wires and (2) 1/2-inch (13 mm) diameter liquid tight conduit fittings for thermostat wires and convenience outlet wires. Includes a 3/4-inch (19 mm) inside pipe coupling and gas plate assembly for thru-the-curb connections. Provides for watertight seals.	036-072
CRBTMPWR009A00	Thru-the bottom power, control and gas connections. Includes a 3/4-inch diameter liquid tight conduit fitting for high voltage power wires, (2) 1/2-inch diameter liquid tight conduits for thermostat wires and convenience outlet wires and 1/2-inch gas adapter fitting for gas piping. Provides for watertight seal.	036-072

NOTE: Access to the bottom of the RTU is required to install a THRU-THE-BOTTOM Connection Kit. Recommend installing kit prior to installing RTU on roof curb.

CONTROL UPGRADE KITS

ORDERING NUMBER	DESCRIPTION	APPLICATION USAGE
CRTIMEGD001A00	Time Guard II -- Automatically prevents the compressor from restarting for at least 4 minutes and 45 seconds after shutdown of the compressor. Not required when a commercial thermostat has a minimum 5 min time delay between cooling cycles available (One required per unit)	All
CRWINSTR001A00	Winter Start Package - Contains time delay relay for timed bypass of low pressure switch on startup.(One required per refrigerant circuit) ¹	All
CRPHASE3001A02	Phase Monitor Control - Provides phase loss/phase reversal protection	All 3 Phase 208/230-3-60 460-3-60
CRPHASE3002A00	Phase Monitor Control - Provides phase loss/phase reversal protection	575-3-60
CRSDHNSB001A00	"Horn/Strobe Annunciator with clear colored lens, 24V AC/DC" works with listed factory or field installed smoke detectors. Note: a field-supplied 24V transformer is also required for each application. P201-4701 is recommended and can be purchased through RCD.	All
P201-4701	Transformer 75VA	120/240/460-24
CRSDTEST001A00	Remote keyed attenuator / test / reset station for use with factory installed smoke detectors. Includes power, alarm & trouble indicator lights.	All
CRCONVOUT01A00	20 Amp non (unit) powered convenience outlet kit is to provide a flexible installation method that will allow code compliance for height requirements of the GFCI outlet from finished roof surface on the range of rooftop and split system products as well as the capability to relocate the outlet into a more convenient location if necessary.	All
CRCNDOVR003A00	Condensate Overflow Switch - Includes electronic controller and sensor. Compressor(s) turn off if the drain trap becomes plugged. It can be used in down flow or side discharge units.	All
CRSMKSEN003A00	Smoke Detector - Sensor with sampling tube and exhaust tube. Can be used in Return or Supply Air. One required for use with Return or Supply, two required if both Return Air and Supply Air detection is required. Brackets included for both vertical and horizontal configurations	All
CRSMKKIT003A00	Smoke Detector Control Module - Controller that can control either Return and/or Supply smoke detectors. One required per unit.	All

1. If mechanical cooling below 25 degrees ambient is necessary, consider additional low-ambient control measures (for example, economizer).

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Low Ambient Field-Installed Kits are not currently developed for this product.

Please note appropriately in job quotes.

Remember, the use of an integrated economizer in many cases can in fact take the place of low ambient controls in the cooling operation.

