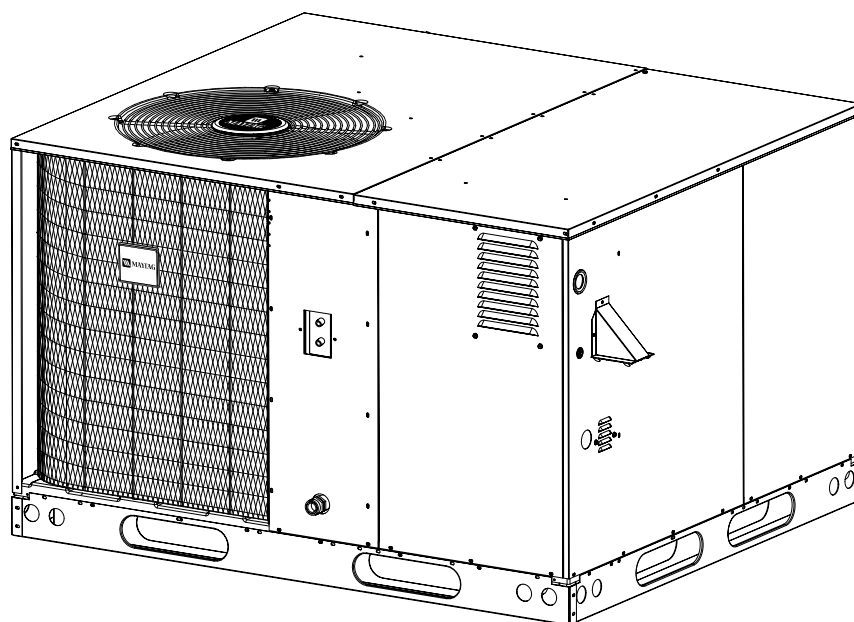




TECHNICAL SPECIFICATIONS

Model R4GD Series



M120 Product Line

**Single Packaged Gas/Electric Units
13 SEER — 2 - 5 Ton Units**

- **12 YEAR ALL PARTS WARRANTY**
- **This product offers a 10-Year Dependability Promise to replace the unit if the heat exchanger fails within the first 10 years of operation, to the original owner.**
- **This product offers a 1 Year Dependability Promise to replace the unit if the compressor fails in the first year of operation, to the original owner. All split system products must be installed with a matched indoor air handler or indoor coil to qualify.**
- **Product registration required for 12 year All Parts Warranty within a limited period of time after the installation. See current warranty document for details. This can be viewed at www.maytaghvac.com or ask your sales representative.**
- **Also when registered, this product is upgraded to a limited lifetime heat exchanger warranty.**

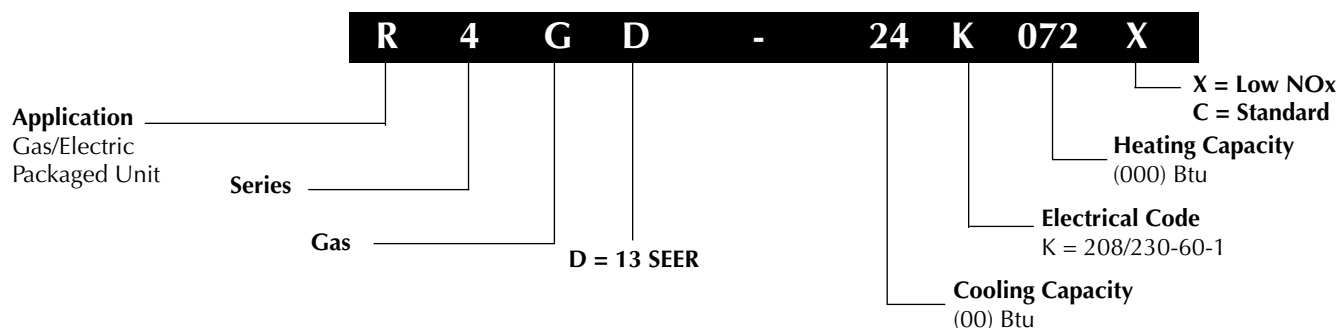


The R4GD Series single packaged gas/electrics are high efficiency self contained cooling units that can be installed on the roof or on a slab. The convertible unit design makes installations simple in all applications. Units are ETL and ETLc listed.

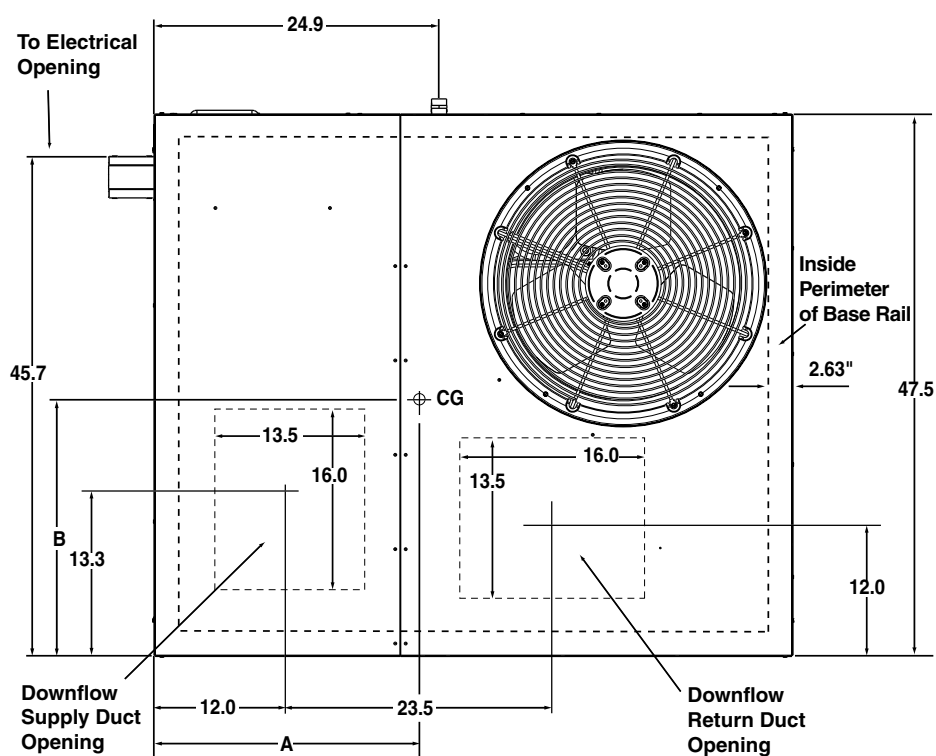
Features and Benefits

- **Compact Footprint/Low Profile**
Easy to handle and transport.
- **Heavy-Gauge, Full Perimeter Base Rails**
Facilitates forklift handling and curb mounting.
- **Convertible Air Delivery**
Horizontal or downflow to accommodate rooftop or horizontal application.
- **Galvanized Steel Cabinet**
Polyurethane finish provides 950 hours salt spray protection.
- **Plastic Coated Coil Guard and Mesh Hail Guard**
Will never rust and protects the coil from being damaged by balls, lawnmowers, hail etc.
- **Externally Accessible Service Ports**
Quick access to refrigerant system without disrupting operation.
- **Access to Controls and Major Components**
Easy in and out service.
- **Corrosion-Resistant Drain Pan**
Quickly drains away evaporator condensate.
- **Smaller Panels, Great Fit and Finish, Total Seal**
Well-designed, quality construction. Drip edge on top panels whisks away rainwater. Embossed bottom pan keeps blower component compartment dry.
- **Proven, Industry Standard Components**
Easier service and availability.
- **Quiet Operation and Low Vibration**
Low vibration. 20" fan blade combined with custom venturi condenser fan.

IDENTIFICATION CODE



DIMENSIONS

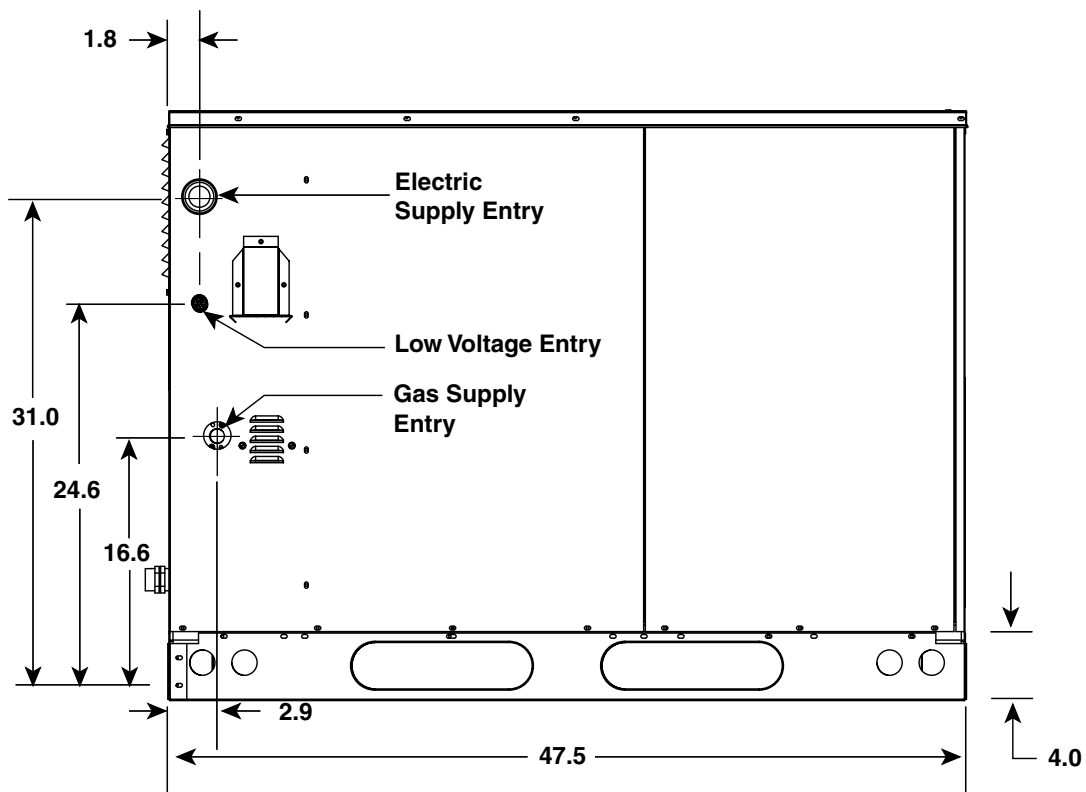


Top View

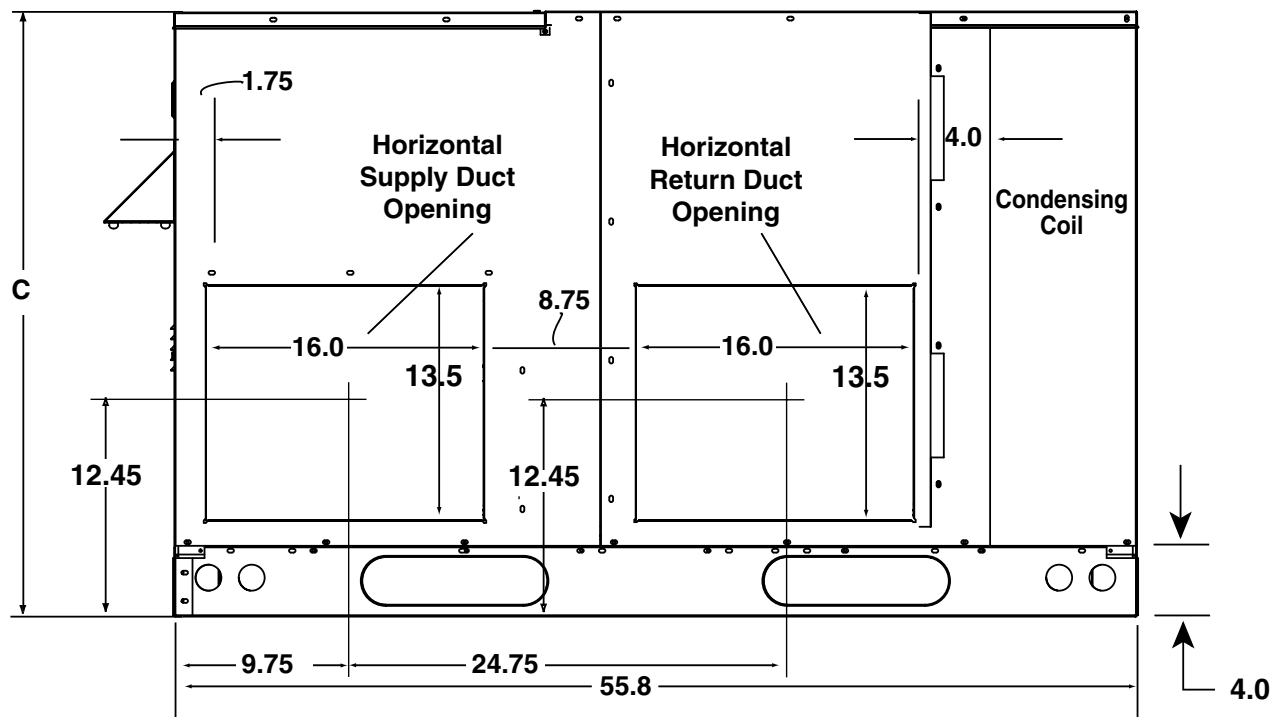
Model Number R4GD	Unit Weight	Shipping Weight	Center of Gravity		Height (in inches)	
			A	B	C	
					with base rails	without base rails
024K045†	425	435	26.5	26.5	39.0	35.3
024K072†	435	445	26.0	26.5	39.0	35.3
030K045†	430	440	26.5	26.5	39.0	35.3
030K072†	440	450	26.0	26.5	39.0	35.3
036K072†	470	480	26.5	26.5	39.0	35.3
036K096†	485	495	26.0	26.5	39.0	35.3
042K072†	500	510	27.0	26.5	39.0	35.3
042K096†	515	525	27.0	26.5	39.0	35.3
048K096†	540	550	27.5	26.5	43.0	39.3
048K120†	555	565	27.5	26.5	43.0	39.3
060K096†	560	570	27.5	26.5	43.0	39.3
060K120†	575	585	27.5	26.5	43.0	39.3

† Denotes either "C" or "X"

DIMENSIONS continued



Side View



Back View

AIRFLOW DATA

Model Number (*)R4GD-	Heating Input (BTUh)	Heating Output (BTUh)	Heating Rise Range(F)	Cooling Output (BTUh)	Motor Tap	Blower Size	Motor HP	External Static Pressure (Inches Water Column)															
								0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8	
								CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise
24K045(t)	45,000	35,000	30-60	23,000	T1 * T2 ** T3 ** T4 T5	10 X 10	1/2	845	38	735	44	625	52	540	60	453	72	335	--	217	--	207	--
								905	36	830	39	750	43	690	47	635	51	575	56	515	--	495	--
								950	34	880	37	810	40	755	43	705	46	655	49	600	54	570	57
								1110	--	1065	30	1020	32	965	34	910	36	865	37	825	39	790	41
								1260	--	1215	--	1175	--	1125	--	1075	30	1030	31	990	33	960	34
24K072(t)	72,000	56,000	40-70	23,000	T1 * T2 ** T3 T4 T5	10 X 10	1/2	845	61	735	--	625	--	540	--	453	--	335	--	217	--	207	--
								905	57	830	62	750	69	690	--	635	--	575	--	515	--	495	--
								950	55	880	59	810	64	755	69	705	--	655	--	600	--	570	--
								1110	47	1065	49	1020	51	965	54	910	57	865	60	825	63	790	66
								1260	41	1215	43	1175	44	1125	46	1075	48	1030	50	990	52	960	54
30K045(t)	45,000	35,000	30-60	28,000	T1 T2 ** T3 * T4 T5	10 X 10	1/2	845	38	735	44	625	52	540	60	453	72	335	--	217	--	207	--
								905	36	830	39	750	43	690	47	635	51	575	56	515	--	495	--
								950	34	880	37	810	40	755	43	705	46	655	49	600	54	570	57
								1110	--	1065	30	1020	32	965	34	910	36	865	37	825	39	790	41
								1260	--	1215	--	1175	--	1125	--	1075	30	1030	31	990	33	960	34
30K072(t)	72,000	56,000	40-70	28,000	T1 T2 T3 ** T4 * T5	10 X 10	1/2	845	61	735	--	625	--	540	--	453	--	335	--	217	--	207	--
								905	57	830	62	750	69	690	--	635	--	575	--	515	--	495	--
								950	55	880	59	810	64	755	69	705	--	655	--	600	--	570	--
								1110	47	1065	49	1020	51	965	54	910	57	865	60	825	63	790	66
								1260	41	1215	43	1175	44	1125	46	1075	48	1030	50	990	52	960	54
36K072(t)	72,000	56,000	40-70	35,000	T1 T2 T3 T4 * T5	10 X 10	1/2	910	55	880	59	810	64	755	69	705	--	655	--	600	--	570	--
								1110	47	1065	49	1020	51	965	54	910	57	865	60	825	63	790	66
								1220	43	1180	44	1135	46	1085	48	1030	50	990	52	945	55	915	57
								1260	41	1215	43	1175	44	1125	46	1075	48	1030	50	990	52	960	54
								1345	--	1300	40	1250	41	1210	43	1170	44	1120	46	1070	48	1030	50
36K096(t)	96,000	75,000	45-75	35,000	T1 T2 T3 * T4 ** T5	10 X 10	1/2	950	73	880	--	810	--	755	--	705	--	655	--	600	--	570	--
								1110	63	1065	65	1020	68	965	72	910	--	865	--	825	--	790	--
								1220	57	1180	59	1135	61	1085	64	1030	67	990	70	945	73	915	--
								1260	55	1215	57	1175	59	1125	62	1075	65	1030	67	990	70	960	72
								1345	52	1300	53	1250	56	1210	57	1170	59	1120	62	1070	65	1030	67
42K072(t)	72,000	56,000	40-70	40,000	T1 T2 * T3 ** T4 T5	10 X 10	3/4	1020	51	940	55	860	60	800	65	740	70	680	--	615	--	570	--
								1185	44	1110	47	1035	50	980	53	925	56	875	59	820	63	785	66
								1410	37	1330	39	1250	41	1195	43	1140	45	1085	48	1030	50	975	53
								1525	--	1450	--	1370	--	1320	--	1270	41	1210	43	1150	45	1100	47
								1650	--	1585	--	1520	--	1465	--	1405	--	1340	--	1280	41	1235	42
42K096(t)	96,000	75,000	45-75	40,000	T1 T2 * T3 ** T4 T5	10 X 10	3/4	1020	68	940	74	860	--	800	--	740	--	680	--	615	--	570	--
								1185	59	1110	63	1035	67	980	--	925	--	875	--	820	--	785	--
								1410	49	1330	52	1250	56	1195	58	1140	61	1085	64	1030	67	975	71
								1525	46	1450	48	1370	51	1320	53	1270	55	1210	57	1150	60	1100	63
								1650	--	1585	--	1520	--	1465	--	1405	--	1340	--	1280	54	1235	56
48K096(t)	96,000	75,000	45-75	46,000	T1 T2 T3 * T4 ** T5	10 X 10	3/4	1185	59	1110	63	1035	67	980	71	925	75	875	--	820	--	785	--
								1410	49	1330	52	1250	56	1195	58	1140	61	1085	64	1030	67	975	71
								1525	46	1450	48	1370	51	1320	53	1270	55	1210	57	1150	60	1100	63
								1650	--	1585	--	1520	--	1465	--	1405	--	1340	--	1280	54	1235	56
								1775	--	1715	--	1660	--	1600	--	1540	--	1460	48	1375	51	1330	52
48K120(t)	120,000	94,000	45-75	46,000	T1 T2 T3 * T4 ** T5	10 X 10	3/4	1185	73	1110	--	1035	--	980	--	925	--	875	--	820	--	785	--
								1410	62	1330	65	1250	70	1195	73	1140	--	1085	--	1030	--	975	--
								1525	57	1450	60	1370	64	1320	66	1270	69	1210	72	1150	--	1100	--
								1650	53	1585	55	1520	57	1465	59	1405	62	1340	65	1280	68	1235	70
								1775	49	1715	51	1660	53	1600	54	1540	57	1460	60	1375	63	1330	65
60K096(t)	96,000	75,000	45-75	55,000	T1 T2 T3 * T4 ** T5	10 X 10	3/4	1185	59	1110	63	1035	67	980	71	925	75	875	--	820	--	785	--
								1410	49	1330	52	1250	56	1195	58	1140	61	1085	64	1030	67	975	71
								1525	46	1450	48	1370	51	1320	53	1270	55	1210	57	1150	60	1100	63
								1650	--	1585	--	1520	--	1465	--	1405	--	1340	--	1280	54	1235	56
								1775	--	1715	--	1660	--	1600	--	1540	45	1485	47	1415	49	1340	52
60K120(t)	120,000	94,000	45-75	55,000	T1 T2 T3 * T4 ** T5	10 X 10	3/4	1185	73	1110	--	1035	--	980	--	925	--	875	--	820	--	785	--
								1410	62	1330	65	1250	70	1195	73	1140	--	1085	--	1030	--	975	--
								1525	57	1450	60	1370	64	1320	66	1270	69	1210	72	1150	--	1100	--
								1650	54	1585	56	1490	58	1435	61	1380	63	1315	66	1255	69	1210	72
								1775	50	1660	52	1600	54	1545	56	1485	59	1415	62	1340	65	1300	67

SPECIFICATIONS AND ELECTRICAL DATA

SINGLE PHASE

MODEL R4GD	-024K045(*)	-024K072(*)	-030K045(*)	-030K072(*)	-036K072(*)	-036K096(*)	-042K72(*)	-042K96(*)	-048K96(*)	-48K120(*)	-060K096(*)	-060K120(*)
Performance												
Heating Input Btuh	45,000	72,000	45,000	72,000	72,000	96,000	72,000	96,000	96,000	120,000	96,000	120,000
Heating Output Btuh	35,000	56,000	35,000	56,000	56,000	75,000	56,000	75,000	75,000	94,000	75,000	94,000
Capacity-Cooling Btuh	23,000	23,000	28,000	28,000	35,000	35,000	40,000	40,000	46,000	46,000	55,000	55,000
AFUE	78	78	78	78	78	78	78	78	78	78	78	78
Efficiency -- SEER	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
Efficiency -- EER	11.4	11.4	11.0	11.0	10.9	10.9	11.0	11.0	10.5	10.5	10.3	10.3
Electrical Rating - 60 Hz												
Phase	1	1	1	1	1	1	1	1	1	1	1	1
Operating Voltage Range	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253	187 - 253
Minimum Circuit Ampacity	20.00	20.00	25	25	25.5	25.5	34.1	34.1	35.8	35.8	42.5	42.5
Max. Overcurrent Protection	30	30	40	40	40	40	50	50	50	50	70	70
Compressor Data												
Volts	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230	208 / 230
Rated Load Amps	11.6	11.6	15.7	15.7	16	16	21.5	21.5	22.5	22.5	28.2	28.2
Lock Rotor Amps	54	54	68	68	77	77	104	104	137	137	141	141
Indoor Blower												
Wheel Diameter	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10
Motor Type	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque	Fixed Torque
Motor HP	1/2	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4	3/4	3/4	3/4
Motor Amps	4.1	4.1	4.1	4.1	4.1	4.1	6.0	6.0	6.0	6.0	6.0	6.0
Outdoor Fan												
Motor HP	1/4	1/4	1/8	1/8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
Motor Amps	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Fan Diameter/CFM	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500	20" / 3500
Refrigerant Charge (oz)	89.6	89.6	93.4	93.4	100	100	192	192	216	216	188.8	188.8

* Can be either C or X

ACCESSORIES

Description	Part Number
Roof Curb (8")	547830
Roof Curb (14")	547831
Roof Curb (18")	547850
Roof Curb (24")	547851
Cap, Duct Adapter, 12" Round	913811A
Cap, Duct Adapter, 14" Round	913812A
Supply/return transition, 16"	547834
Supply/return transition, 18"	547835
Concentric diffuser, flush, 16"	547836
Concentric diffuser, flush, 18"	547837
Concentric diffuser, step down 16"	547838
Concentric diffuser, step down 18"	547839
Manual Fresh Air Damper	547832
Motorized Fresh Air Damper	547840
Economizer, downflow w/filter (does not require filter kit) modulating	547833
Economizer, horizontal modulating	547841
Economizer, horizontal 3-position w/filter	547896
Economizer, downflow 3-position w/filter	547897
Power Exhaust, horizontal economizer (special order)	547843
Power Exhaust, downflow economizer (special order)	547842
Filter Kit R4GD 024 - 042	547888
Filter Kit R4GD 048 - 060	547889
Filter Kit, All Downflow Applications (not required with economizer)	547885
Hood Type Hail Guard, Coil Dim. 34" X 76" R4GD-024,030,036,042	547846
Hood Type Hail Guard, Coil Dim. 38" X 76" R4GD-048,060	547847
CO2 sensors (special order)	547848
DUCT SMOKE DETECTOR PHOTO ELEC	547892
MULTI SIGNAL CONTROL	547893
SAMPLING TUBE ST3	547894
SAMPLING TUBE ST5	547895
Low Ambient Kit	913549A
High Pressure Switch Kit	913550
Low Pressure Switch Kit	913551
Canadian LP Gas Conversion Kit (0 to 4,500 ft above sea level)	904091A
U.S. LP Gas Conversion Kit (0 ft to 10,000 ft above sea level)	904090A
Outdoor Thermostat Kit	913852
Universal Hard Start Kit	912933
P-Trap Kit	913810



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Before purchasing this appliance, read important energy cost and efficiency information available from your retailer. Specifications and illustrations subject to change without notice and without incurring obligations.

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981B-0207 (Replaces 981B-0506)

Printed in U.S.A. (02/07)