

COMMERCIAL PACKAGED ROOFTOPS

3–25 Tons

KeepRite®





Easier To Sell

Designed with streamlined installation in mind, KeepRite® commercial packaged rooftops have everything you need from handled access doors to certified and pre-engineered factory-installed options as well as field-installed accessories.

KeepRite rooftop units are available in gas heating/electric cooling, electric heat/electric cooling or packaged heat pumps and deliver SEER[†] ratings as high as 13.4 and EER[†] ratings up to 11.3 on standard efficiency units (RGS/RAS/RHS) and SEER ratings as high as 15.8 and EER ratings up to 12.4 on high efficiency models (RGH/RAH/RHH). KeepRite rooftops have the capability for vertical or horizontal airflow for fast and easy installation. High-efficiency gas heating (up to 82% efficiency) with induced draft design facilitates long life and safe operation. KeepRite rooftops can easily satisfy nearly any light commercial application need.

[†]SEER stands for Seasonal Energy Efficiency Ratio and EER stands for Energy Efficiency Ratio.

Easier To Service Scroll Compressor

KeepRite rooftop units utilize fully hermetic scroll compressors. Compressors are designed with internal isolation and have internal thermal line break, current overload, and high-pressure differential protection.

Central Terminal Board

Standard on every unit, the integrated terminal simplifies the installation of pre-engineered and certified field-installed accessories, including economizers, by providing clearly labeled connection points for easy plug-in connection.

Easy-Access Handles

Handles located on all major access panels provide quick, convenient and safe access to components for easy maintenance and service.

No-Strip Screw Collars

To prevent misalignment and stripped metal panels, screws are guided into collars. This increased screw engagement also makes panels easier to remove and replace.

Unit Safety Protection

For increased reliability, heat pump models come standard with a refrigerant suction line accumulator in each refrigerant circuit. This preventive measure stops the natural tendency of liquid refrigerant from entering the compressor in heat pumps as they switch in and out of defrost, and between heating and cooling modes. In addition, heat pump models come with high pressure and temperature protection as well as low pressure or loss of charge protection.

Easier To Install

- KeepRite rooftops were designed with streamlined installation in mind—whether it's for replacement or new construction.
- The light and compact design has full-perimeter base rails that help in moving, transporting and rigging.
- KeepRite models up to 12.5 tons are specifically designed to fit on many similar roof curbs dating back over 20 years, which makes replacement easy and eliminates the need for curb adapters or changing utility connections.
- KeepRite rooftops are capable of either vertical or horizontal airflow to meet nearly every application need.
- KeepRite rooftops can be ordered with a wide range of factory pre-engineered and certified options like stainless steel heat exchangers, smoke detectors and economizers. Other factory-installed options include convenience outlets, non-fused disconnects, motorized two-position dampers, and medium and high static motor drive.



R410A is an EPA-approved, environmentally sound refrigerant.

STANDARD EFFICIENCY COMMERCIAL PACKAGED ROOFTOPS

Gas Heating/Electric Cooling Models – RGS

Nominal Cooling Ton Size	Cooling Stages	AHRI Efficiency (SEER) EER	Dimensions (in.) L x W x H	Gas Heat—Heating Input (MBTUH)			Approx. Unit Weight (lbs.)
				Low	Medium	High	
3	1	(13.0)	74 x 47 x 33	72	115	–	483
4	1	(13.0)	74 x 47 x 33	72	115	150	537
5	1	(13.0)	74 x 47 x 33	72	115	150	569
6	1	11.0	74 x 47 x 41	72	115	150	652
7.5	1	11.0	88 x 59 x 41	125	180	224	780
7.5	2	11.0	88 x 59 x 41	125	180	224	835
8.5	1	11.0	88 x 59 x 49	125	180	224	920
8.5	2	11.0	88 x 59 x 49	125	180	224	930
10	1	11.0	88 x 59 x 49	180	224	250	930
10	2	11.1	88 x 59 x 49	180	224	250	940
12.5	2	10.8	88 x 59 x 49	180	224	250	1167
15	2	10.8	116 x 63 x 57	180	240	350	1380
17.5	2	10.8	128 x 87 x 49	220	310	400	2286
20	2	9.8	141 x 87 x 49	220	310	400	2436
25	2	9.8	141 x 87 x 57	220	310	400	2561
* 27.5	2	10.2	158 x 87 x 57	220	310	400	2640

Electric Heat/Electric Cooling & Cooling Only Models – RAS

Nominal Cooling Ton Size	Cooling Stages	AHRI Efficiency (SEER) EER	Dimensions (in.) L x W x H	Electrical Heat Nominal KW Range	Approx. Unit Weight (lbs.)
3	1	(13.0)	74 x 47 x 33	4.0 to 16.0	438
4	1	(13.0)	74 x 47 x 33	4.4 to 23.0	494
5	1	(13.0)	74 x 47 x 33	6.5 to 26.5	524
6	1	11.2	74 x 47 x 41	6.0 to 26.5	607
7.5	1	11.2	88 x 59 x 41	10.4 to 42.4	705
7.5	2	11.2	88 x 59 x 41	10.4 to 42.4	760
8.5	1	11.2	88 x 59 x 49	10.4 to 42.4	845
8.5	2	11.2	88 x 59 x 49	10.4 to 42.4	855
10	1	11.2	88 x 59 x 49	10.4 to 51.0	855
10	2	11.3	88 x 59 x 49	10.4 to 51.0	865
12.5	2	11.0	88 x 59 x 49	10.4 to 51.0	1075
15	2	11.0	116 x 63 x 57	16.5 to 67.0	1305
17.5	2	11.0	128 x 87 x 49	25.0 to 75.0	2159
20	2	10.0	141 x 87 x 49	25.0 to 75.0	2197
25	2	10.0	141 x 87 x 57	25.0 to 75.0	2434
* 27.5	2	10.4	158 x 87 x 57	25.0 to 75.0	2513

Packaged Heat Pump Models – RHS

Nominal Cooling Ton Size	Cooling Stages	AHRI Efficiency (SEER) EER	Dimensions (in.) L x W x H	@ 47° F		@ 17° F		Approx. Unit Weight (lbs.)
				Heating Capacity	(HSPF) COP	Heating Capacity	(HSPF) COP	
3	1	(13.4)	74 x 47 x 33	35,600	(7.70)	18,200	(N/A)	505
4	1	(13.1)	74 x 47 x 33	45,500	(7.70)	23,600	(N/A)	510
5	1	(13.2)	74 x 47 x 41	58,000	(7.70)	31,200	(N/A)	590
6	1	11.1	74 x 47 x 41	67,000	3.30	34,800	2.25	630
7.5	2	11.2	88 x 59 x 49	86,000	3.40	48,000	2.25	885
8.5	2	11.2	88 x 59 x 49	96,000	3.30	54,500	2.25	910
10	2	11.0	88 x 59 x 49	116,000	3.40	62,300	2.25	1050
12.5	2	10.6	116 x 63 x 57	142,000	3.20	76,000	2.05	1370
15	2	10.8	128 x 86 x 49	166,000	3.30	103,000	2.40	1775
20	2	10.5	141 x 86 x 49	220,000	3.30	134,000	2.30	2100

*Coming Soon

HIGH EFFICIENCY COMMERCIAL PACKAGED ROOFTOPS

Gas Heating/Electric Cooling Models – RGH

Nominal Cooling Ton Size	Cooling Stages	AHRI Efficiency (SEER) EER	Dimensions (in.) L x W x H	Gas Heat—Heating Input (MBTUH)			Approx. Unit Weight (lbs.)
				Low	Medium	High	
3	1	(15.0)	74 x 47 x 33	72	115	—	505
4	1	(15.6)	74 x 47 x 41	72	115	150	590
5	1	(15.2)	74 x 47 x 41	72	115	150	600
6	1	12.0	88 x 59 x 41	72	125	150	765
7.5	2	12.0	88 x 59 x 49	125	180	224	925
8.5	2	12.0	88 x 59 x 49	125	180	224	925
10	2	11.5	88 x 59 x 49	180	224	250	1099
12.5	2	12.2	116 x 63 x 57	150	180	240	1430
15	2	12.0	128 x 87 x 49	220	310	400	1892
17.5	2	12.0	141 x 87 x 49	220	310	400	2102
20	2	12.0	141 x 87 x 57	220	310	400	2247
25	2	11.2	158 x 87 x 57	220	310	400	2292

Electric Heat/Electric Cooling & Cooling Only Models – RAH

Nominal Cooling Ton Size	Cooling Stages	AHRI Efficiency (SEER) EER	Dimensions (in.) L x W x H	Electrical Heat Nominal KW Range	Approx. Unit Weight (lbs.)
3	1	(15.0)	74 x 47 x 33	4.4 to 16.0	458
4	1	(15.6)	74 x 47 x 41	4.4 to 23.0	545
5	1	(15.2)	74 x 47 x 41	6.5 to 26.5	550
6	1	12.2	88 x 59 x 41	6.0 to 26.5	715
7.5	2	12.2	88 x 59 x 49	10.4 to 42.4	860
8.5	2	12.2	88 x 59 x 49	10.4 to 42.4	860
10	2	11.7	88 x 59 x 49	10.4 to 51.0	1025
12.5	2	12.4	116 x 63 x 57	16.5 to 50.0	1360
15	2	12.2	128 x 87 x 49	25.0 to 75.0	1793
17.5	2	12.2	141 x 87 x 49	25.0 to 75.0	2003
20	2	12.2	141 x 87 x 57	25.0 to 75.0	2148
25	2	11.4	158 x 87 x 57	25.0 to 75.0	2193

Packaged Heat Pump Models – RHH

Nominal Cooling Ton Size	Cooling Stages	AHRI Efficiency (SEER) EER	Dimensions (in.) L x W x H	@ 47° F		@ 17° F		Approx. Unit Weight (lbs.)
				Heating Capacity	(HSPF) COP	Heating Capacity	(HSPF) COP	
3	1	(15.6)	74 x 47 x 33	34,000	(8.00)	18,400	(N/A)	495
4	1	(15.8)	74 x 47 x 41	46,000	(8.10)	23,800	(N/A)	580
5	1	(15.0)	74 x 47 x 41	55,000	(8.20)	28,600	(N/A)	610
6	1	12.0	88 x 59 x 41	70,000	3.40	39,000	2.40	710
7.5	2	12.1	88 x 59 x 49	84,000	3.50	47,000	2.40	875
8.5	2	12.0	88 x 59 x 49	100,000	3.40	56,000	2.26	1020
10	2	12.3	116 x 63 x 57	116,000	3.50	65,000	2.40	1390

All systems tested and listed by the appropriate agencies.



PO Box 128
Lewisburg, TN 37091

KeepRite.com

RGS/RAS/RHS/RGH/RAH/RHH Series
© 2012 International Comfort Products, LLC



As part of its commitment to quality, International Comfort Products, LLC, reserves the right to change specifications on its products without notice. Illustrations and photographs in this brochure are only representative. Some product models may vary.

Part No. 401-39-1320-00
Printed 09/12