

Bryant Offers a Complete Line of Light Commercial Equipment and Support



581J Preferred™
High Efficient 3 to 25 Ton
Packaged Cooling with Gas Heat

551J Preferred™
High Efficient 3 to 25 Ton
Packaged Cooling with Electric Heat

549J Preferred™
High Efficient 3 to 10 Ton
Packaged Heat Pump



575J Legacy™
6 to 20 Ton
Single and Dual Circuit
Split System Condensing Unit

569J Legacy™
6 to 20 Ton
Single and Dual Circuit
Split System Condensing Unit



580J/582J Legacy™
Base Efficient 3 to 27.5 Ton
Packaged Cooling with Gas Heat

558J/559J Legacy™
Base Efficient 3 to 27.5 Ton
Packaged Cooling with Electric Heat

547J/548J Legacy™
Base Efficient 3 to 20 Ton
Packaged Heat Pump



524J Legacy™
6 to 20 Ton
Air Conditioning and Heat Pump
Split System Air Handler

Bryant Commercial Finance Program:

Bryant is a leader in insuring comfort and peace of mind through innovative heating, ventilation and air conditioning (HVAC) systems. To experience greater financial comfort, Bryant commercial customers can use an innovative opportunity to acquire equipment through a financing program administered by UniFi Equipment Finance Inc.

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at UniFi Equipment Finance Inc.**

1-800-348-9196

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(Available in the continental United States only)

**The Future of the World Depends on Our Ability...
to Sustain it.**

As the world's leader in high technology heating, air-conditioning and refrigeration solutions, we believe that market leadership requires environmental leadership. Bryant sets industry standards for environmentally sound business practices and a commitment to sustainability across its products, services and operations. We demonstrate this commitment by creating environmentally responsible solutions that consume less energy and incorporate innovations that improve the world – indoors and out.



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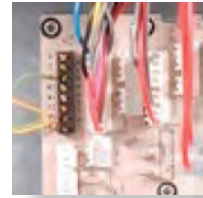
Bryant® Legacy™ Line
Light Commercial Rooftops
3 to 27.5 Ton



Always.... Easy to Install and Service

Designed with simplified installation in mind, Bryant® Legacy™ rooftops have everything you need from handled access doors to certified and pre-engineered factory installed options and field installed accessories. Most Bryant rooftops are also designed with the same roof curb footprint to fit on older models dating back over 23 years.

Factory and field stocked, Legacy units are available in gas heating/ electric cooling, electric heat/electric cooling or packaged heat pumps and deliver SEERs as high as 14.3 and EERs up to 11.3. Legacy rooftops have capability for vertical or horizontal air flow for fast and easy installation. High-efficiency gas heating (up to 82% efficiency) with induced draft design facilitates long life and safe operation. Bryant Legacy rooftops can satisfy nearly any light commercial application need.



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.



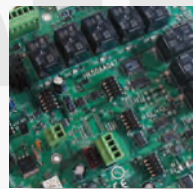
Scroll Compressors

Each Legacy unit utilizes a fully hermetic scroll compressor. Compressors are designed with internal isolation and have internal thermal line break, current overload and high pressure differential protection.



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 units come with high pressure and temperature protection as well as low pressure or loss of charge protection.



Streamlined Integration

Bryant's open protocol controllers make integrating Legacy rooftops into existing building automation systems easy.

Gas Heating / Electric Cooling Models – 582J

Nominal Cooling Ton Size	Cooling Stages	AHRI Efficiency (SEER) EER	Dimensions (in) L x W x H	Gas Heat - Heating Input (MBUTH)			Approx. Unit Weight (lbs)
				Low	Medium	High	
3	1	(14.0)	74 x 47 x 33	72	115	–	490
4	1	(14.0)	74 x 47 x 33	72	115	150	544
5	1	(14.1)	74 x 47 x 41	72	115	150	597

Electric Heat / Electric Cooling & Cooling Only Models – 559J

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	(14.0)	74 x 47 x 33	4.0 to 15.0	445
4	1	(14.0)	74 x 47 x 33	4.0 to 23.0	499
5	1	(14.1)	74 x 47 x 41	6.5 to 25.0	552

Packaged Heat Pump Models – 547J

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	(14.0)	74 x 47 x 33	35,600	(8.10)	18,200	N/A	495
4	1	(14.0)	74 x 47 x 41	45,500	(8.00)	23,800	N/A	580
5	1	(14.3)	74 x 47 x 41	58,000	(8.20)	28,600	N/A	610

Easy to Install

- Legacy™ 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.
- Legacy models up to 12.5 tons are specifically designed to fit on Bryant similar roof curbs dating back over 23 years which makes replacement easy and eliminates the need for curb adapters or changing utility connections.

- Models are capable of either vertical or horizontal airflow capabilities to meet nearly every application need.
- Bryant's Perfect Humidity systems help maintain indoor space humidity levels year round. This factory installed option provides multiple steps of control to address indoor sensible and latent load requirements.

Bryant® Legacy™ Line Light Commercial Rooftops



Gas Heating / Electric Cooling Models – 580J

Nominal Cooling Ton Size	Cooling Stages	AHRI Efficiency (SEER) EER	Dimensions (in) L x W x H	Gas Heat - Heating Input (MBUTH)			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
15*	2	10.8	128 x 87 x 49	220	310	400	1907
17.5*	2	10.8	128 x 87 x 49	220	310	400	1922
20*	2	9.8	141 x 87 x 49	220	310	400	2072
25*	2	9.8	141 x 87 x 57	220	310	400	2197
27.5*	2	10.2	158 x 87 x 57	220	310	400	2320

* Vertical air flow models

Electric Heat / Electric Cooling & Cooling Only Models – 558J

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	10.0 to 42.4	705
7.5	2	11.2	88 x 59 x 41	10.0 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	10.0 to 51.0	855
10	2	11.3	88 x 59 x 49	10.0 to 51.0	865
12.5	2	11.0	88 x 59 x 49	10.0 to 51.0	1075
15	2	11.0	116 x 63 x 57	15.0 to 60.0	1305
15*	2	11.0	128 x 87 x 49	25.0 to 75.0	1808
17.5*	2	11.0	128 x 87 x 49	25.0 to 75.0	1823
20*	2	10.0	141 x 87 x 49	25.0 to 75.0	1973
25*	2	10.0	141 x 87 x 57	25.0 to 75.0	2098
27.5*	2	10.4	158 x 87 x 57	25.0 to 75.0	2196

* Vertical air flow models

Packaged Heat Pump Models – 548J

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	10.6	141 x 86 x 49	220,000	3.30	134,000	2.30	2100

Reliable Comfort Control