



# SELECTION GUIDE for ICE-READY™ PRODUCTS

## Ice-Ready™ Rooftop Units and Ice-Coil™ Kits Compatible for use with the **Ice Bear® 30** Distributed Energy Storage System

### General Notes

**NOTE:** When ordering, you must add either: (1) a "-QC" suffix to the part number to specify a unit with quick-connect installation fittings, or (2) a "-G1" suffix to specify a unit with brazed-tube connections.

**NOTE:** When retrofitting an existing rooftop unit with an Ice-Coil Kit, verify mechanical fit using the *Ice-Coil™ Kit Field Application Checklist*. Contact Ice Energy Product Services at [productservices@ice-energy.com](mailto:productservices@ice-energy.com) for more information.

**NOTE:** The addition of an Ice-Coil to a rooftop unit adds between .1 to .3 inches H<sub>2</sub>O of static. Refer to *Appendix E* in the *Ice Bear 30 System Application & Equipment Selection Guide* for static information specific to each model.

**NOTE:** Currently, reheat coils are not supported in combination with Ice-Ready rooftop units.

### Bryant® Units

RTU Capacity (Tons)	Refrig. Type	Efficiency	Cooling System Type	Model Series	Tons Displaced	Ice-Ready Option	Ice-Coil Retrofit Kit
4	R-410A	High	Gas/Elec	580J05	4	#IRT030	#ICK030-CA
		High	Elec/Elec	558J05			
5	R-22	High	Gas/Elec	581B060 <sup>(1)</sup>	5	#IRT030	#ICK030-CA
	R-410A	High	Gas/Elec	580J06			
10	R-22	High	Gas/Elec	581B120 <sup>(1)</sup>	5	#IRT030	#ICK030-CH
	R-410A	High	Gas/Elec	580J12			
		High	Elec/Elec	558J12			

### Carrier® Units

RTU Capacity (Tons)	Refrig. Type	Efficiency	Cooling System Type	Model Series	Tons Displaced	Ice-Ready Option	Ice-Coil Retrofit Kit
4	R-410A	High	Gas/Elec	48TC	4	#IRT030	#ICK030-CA
		High	Elec/Elec	50TC			
		High	HeatPump	50TCQA05			
	R-22	Std	Gas/Elec	48TF, 48TM	4	N/A	#ICK030-CA
		Std	Elec/Elec	50TF, 50TM			
		Std	HeatPump	50TFQ, 50HEQ			
		High	Gas/Elec	48HJ			
		High	Elec/Elec	50HJ			
		High	HeatPump	50HJQ <sup>(1)</sup>			
5	R-410A	High	Gas/Elec	48TC	5	#IRT030	#ICK030-CA
		High	Elec/Elec	50TC			
		High	HeatPump	50TCQA06			
	Ultra High	Gas/Elec	48PG	5	#IRT030	#ICK030-CJ	
		Elec/Elec	50PG				
	R-22	Std	Gas/Elec	48TF, 48TM	5	N/A	#ICK030-CA
		Std	Elec/Elec	50TF, 50TM			
		Std	HeatPump	50TFQ, 50HEQ			
High		Gas/Elec	48HJ				
High		Elec/Elec	50HJ				
		High	HeatPump	50HJQ	5	N/A	#ICK030-CK

<sup>(1)</sup> Fit verification required. Contact Ice Energy and allow 2 weeks additional lead time.

Carrier units continued on next page.



ICE ENERGY

## SELECTION GUIDE for ICE-READY™ PRODUCTS (cont.)

### Carrier® Units (cont.)

RTU Capacity (Tons)	Refrig. Type	Efficiency	Cooling System Type	Model Series	Tons Displaced	Ice-Ready Option	Ice-Coil Retrofit Kit
8.5	R-410A	Ultra High	Gas/Elec	48PG	4.25	#IRT030	#ICK030-CE
		Ultra High	Elec/Elec	50PG			
10	R-410A	High	Gas/Elec	48TC	5	#IRT030	#ICK030-CH
		High	Elec/Elec	50TC			
		Ultra High	Gas/Elec	48PG	5	#IRT030	#ICK030-CE
		Ultra High	Elec/Elec	50PG			
	R-22	Std	Gas/Elec	48TF, 48TM	5	N/A	#ICK030-CI
		Std	Elec/Elec	50TFF, 50TM			
High	High	High	Gas/Elec	48HJ	5	N/A	#ICK030-CH
		High	Elec/Elec	50HJ			

### Data Aire® Units

RTU Capacity (Tons)	Refrig. Type	Efficiency	Cooling System Type	Model Series	Tons Displaced	Ice-Ready Option	Ice-Coil Retrofit Kit
4	R-22	Std	Environmental	DAPA-0434-C-CO	4	#IRT030	N/A

### Lennox® Units

RTU Capacity (Tons)	Refrig. Type	Efficiency	Cooling System Type	Model Series	Tons Displaced	Ice-Ready Option	Ice-Coil Retrofit Kit
10	R-410A	High	Gas/Elec	LG-120H4	5	#IRT030	#ICK030-LD
		High	Elec/Elec	LC-120H4			
	R-22	Std	Gas/Elec	LG-120S2	5	N/A	#ICK030-LD
		Std	Elec/Elec	LC-120S2			
High	High	High	Gas/Elec	LG-120H2			
		High	Elec/Elec	LC-120H2			
13	R-410A	High	Gas/Elec	LG-156H4	5	#IRT030	#ICK030-LB
		High	Elec/Elec	LC-156H4			
	R-22	Std	Gas/Elec	LG-156S2	5	N/A	#ICK030-LB
		Std	Elec/Elec	LC-156S2			
		High	Gas/Elec	LG-156H2 <sup>(1)</sup>			
		High	Gas/Elec	LG-156H2 <sup>(1)</sup>			
15	R-410A	High	Gas/Elec	LG-180H4	5	#IRT030	#ICK030-LB
		High	Gas/Elec	LC-180H4			
	R-22	Std	Gas/Elec	LG-180S2	5	N/A	#ICK030-LB
		Std	Elec/Elec	LC-180S2			
		High	Gas/Elec	LG-180H2			
		High	Elec/Elec	LC-180H2			

<sup>(1)</sup> Fit verification required. Contact Ice Energy and allow 2 weeks additional lead time.

<sup>(2)</sup> Final performance verification may be required. Contact Ice Energy and allow 6-8 weeks additional lead time.

**NOTE:** High static blower drives are required for all Lennox units.



## SELECTION GUIDE for ICE-READY™ PRODUCTS (cont.)

### Trane® Units

RTU Capacity (Tons)	Refrig. Type	Efficiency	Cooling System Type	Model Series	Tons Displaced	Ice-Ready Option	Ice-Coil Retrofit Kit
4	R-410A	High	Gas/Elec	YHC048E	4	#IRT030	#ICK030-TA
		High	Elec/Elec	THC048E			
5	R-410A	Std	HeatPump	WSC060E	5	#IRT030	#ICK030-TA
		High	Gas/Elec	YHC060E <sup>(1)</sup>	5	#IRT030	#ICK030-TF
		High	Elec/Elec	THC060E <sup>(1)</sup>			
7.5	R-22	Std	Gas/Elec	YSC092A	4.5	N/A	#ICK030-TE
		Std	Elec/Elec	TSC092A			

### York® Units

RTU Capacity (Tons)	Refrig. Type	Efficiency	Cooling System Type	Model Series	Tons Displaced	Ice-Ready Option	Ice-Coil Retrofit Kit
8.5	R-410A	Std	Gas/Elec	ZH102 <sup>(2)</sup>	4.25	#IRT030	#ICK030-YE
			Elec/Elec	ZH102 <sup>(2)</sup>			
			Elec/Elec	ZH102 <sup>(2)</sup>			
			HeatPump	XP102 <sup>(2)</sup>			
R-22	Std	Gas/Elec	DH102 <sup>(2)</sup>	4.25	N/A	#ICK030-YE	
		Elec/Elec	DH102 <sup>(2)</sup>				
		Elec/Elec	DH102 <sup>(2)</sup>				
10	R-410A	Std	Gas/Elec	ZH120 <sup>(2)</sup>	5	#IRT030	#ICK030-YE
			Elec/Elec	ZH120 <sup>(2)</sup>			
			Elec/Elec	ZH120 <sup>(2)</sup>			
			HeatPump	XP120 <sup>(2)</sup>			
R-22	Std	Gas/Elec	DH120 <sup>(2)</sup>	5	N/A	#ICK030-YE	
		Elec/Elec	DH120 <sup>(2)</sup>				
		Elec/Elec	DH120 <sup>(2)</sup>				

<sup>(1)</sup> Fit verification required. Contact Ice Energy and allow 2 weeks additional lead time.

<sup>(2)</sup> Final performance verification may be required. Contact Ice Energy and allow 6-8 weeks additional lead time.



# SELECTION GUIDE for ICE-READY™ PRODUCTS

Duct Style Ice-Coil™ Products  
Compatible for use with the **Ice Bear® 30**  
Distributed Energy Storage System

## N-Coils

Size (Tons)	Ice Energy Modified Coil Model No.
4	CN-48
5	CN-60

## Slab Coils

Size (Tons)	Ice Energy Modified Coil Model No.
4	CS-48
5	CS-60