

An aerial photograph of a vast forest landscape during a sunset. The sun is positioned centrally in the upper half of the frame, casting a warm, golden glow over the scene. The sky transitions from a deep blue at the top to a bright orange and yellow near the horizon. The forest below is dense, with trees showing a mix of green and autumnal colors. The overall mood is serene and natural.

Honeywell

SOLSTICE[®] REFRIGERANTS APPLICATIONS GUIDE

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INDUSTRIES AND APPLICATIONS	AIM ACT REGULATORY GWP LIMIT	CLASS A2L (MILDLY FLAMMABLE)					CLASS A1 (NONFLAMMABLE)					
		Solstice® yf (R-1234yf) GWP <1	Solstice® ze (R-1234ze) GWP <1	Solstice® L40X (R-455A) GWP-148	Solstice® 454C (R-454C) GWP-148	Solstice® 454B (R-454B) GWP-466	Solstice® zd (R-1233zd) GWP <1	Solstice® N71 (R-471A) GWP-144	Solstice® 515B (R-515B) GWP-299	Solstice® 513A (R-513A) GWP-572	Solstice® 452A (R-452A) GWP-1945	Solstice® N40 (R-448A) GWP-1273
Food Retail												
Supermarket system	150 (>200lb), 300 (<200lb)	■	■	■	■			■			■	■
Condensing unit	150 (>200lb), 300 (<200lb)	■	■	■	■			■			■	■
Stand-alone refrigerator	150	■	■	■	■			■	■	■	■	■
High side of cascade	300 (<200lb)	■	■	■	■			■	■	■	■	■
Buildings												
Chillers - Comfort cooling and heating	700		■				■		■			
Residential/ light commercial AC/ heat pumps	700											■
Variable Refrigerant Flow (VRF) systems	700											■
Industrial Process												
Chillers – Low and medium temperature	700 ²	■	■	■	■	■	■	■	■	■	■	
Industrial process - non chiller	150 (>200lb), 300 (<200lb), 700 (-58F > -22F) ²	■	■	■	■			■	■	■	■	
Industrial high temperature heating	NA	■	■					■	■			
Data Centers												
Room and precision air conditioning	700		■					■	■	■	■	
Liquid Cooling (cold plates, etc)			■					■	■			
Cold Storage												
Cold Storage	150 (>200lb), 300 (<200lb)	■	■	■	■			■	■	■	■	■
Commercial Ice Machines												
Commercial Ice Machines	150 ¹	■	■	■	■							
Household Refrigerators/ Freezers												
Household Refrigerators/ Freezers	150	■	■									
Ice Rinks												
Ice Rinks	700	■		■	■							
Organic Rankine Cycle												
Organic Rankine Cycle	NA							■				
Non-Mechanical Heat Transfer												
Non-Mechanical Heat Transfer	NA							■				
Refrigerated Transport												
Refrigerated Transport	700 ^{1,2}	■		■	■	■			■	■	■	

NEW SYSTEMS - OEM PRODUCT AVAILABLE EARLY 2024
 NEW SYSTEMS - CONTACT HONEYWELL FOR OEM AVAILABILITY
 RETROFITS

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¹ See technology transition rule for specific refrigerant exclusions.
² See technology transition rule for ultra low temp rules.