

The image is a full-page background featuring a scenic aerial view of a forested valley at sunset. The sun is positioned in the upper center, casting a warm, golden glow over the landscape. The sky transitions from a deep blue at the top to a vibrant orange and yellow near the horizon. The forest below is dense and lush, with trees in various shades of green and some showing early autumn colors. The overall mood is serene and natural.

**Honeywell**

# **SOLSTICE<sup>®</sup> 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® 454A (R-454A) GWP 239	Solstice® 454C (R-454C) GWP-148	Solstice® 454B (R-454B) GWP-466	Solstice® zd (R-1233zd) GWP <1	Solstice® 515B (R-515B) GWP-299	Solstice® 513A (R-513A) GWP-572	Solstice® 452A (R 452A) GWP-1945	Solstice® N40 (R 448A) GWP-1273
<b>Food Retail</b>												
Supermarket system	150 (>200lb), 300 (<200lb)	■	■	■	■	■			■	■	■	■
Condensing unit	150 (>200lb), 300 (<200lb)	■	■	■	■	■			■	■	■	■
Stand-alone refrigerator	150	■	■	■	■	■			■	■	■	■
High side of cascade	300 (<200lb)	■	■	■	■	■			■	■	■	■
<b>Buildings</b>												
Chillers - Comfort cooling and heating	700		■					■	■	■		
Residential/ light commercial AC/ heat pumps	700		■									■
Variable Refrigerant Flow (VRF) systems	700											
<b>Industrial Process</b>												
Chillers – Low and medium temperature	700 <sup>2</sup>	■	■	■	■	■	■	■	■	■		
Industrial process - non chiller	150 (>200lb), 300 (<200lb), 700 (-58F > -22F) <sup>2</sup>	■	■	■	■	■			■			
Industrial high temperature heating	NA	■	■					■	■			
<b>Data Centers</b>												
Room and precision air conditioning	700		■					■	■	■		
Liquid Cooling (cold plates, etc)			■					■	■			
<b>Cold Storage</b>	150 (>200lb), 300 (<200lb)	■	■	■	■	■		■	■	■		■
<b>Commercial Ice Machines</b>	150 <sup>1</sup>	■		■		■						
<b>Household Refrigerators/ Freezers</b>	150	■	■	■	■	■						
<b>Ice Rinks</b>	700	■		■	■	■						
<b>Organic Rankine Cycle</b>	NA							■				
<b>Non-Mechanical Heat Transfer</b>	NA		■					■	■			
<b>Refrigerated Transport</b>	700 <sup>1,2</sup>	■		■		■	■			■	■	■

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<sup>1</sup> See technology transition rule for specific refrigerant exclusions.

<sup>2</sup> See technology transition rule for ultra low temp rules.

■ NEW SYSTEMS - CONTACT HONEYWELL FOR OEM AVAILABILITY  
 ■ RETROFITS