



## SERVICE BULLETIN

---

**Title:** Updated 19XL Refrigerant Charges

**Models Affected:** All Rotary Chillers

**Number:** C9634

**Date:** 8/23/96

**Supersedes:** C9312

**Date:** 6/18/93

**Purpose:**

To provide updated design refrigerant charges for 19XL centrifugal chillers with linear float valves. Refrigerant charges for chillers with float ball style have not changed.

**File:** Installation – Start Up – Operation

**Prepared By:** Paul A. Holsinger

**Approved By:** Alan M. Johnson

---

This document and the material contained herein are the property of Carrier Corporation and may not be copied, reproduced, or released without written permission of Carrier Corporation.

**Information:**

The refrigerant weights in the chart below represent the total refrigerant charges for the 19XL and are determined by the size of the cooler. Machines shipped after 8/15/96 will have the adjusted weights stamped on the name plate.

Cooler Code	Linear Float Style			
	R-22		R-134a	
	Refrigerant Charge		Refrigerant Charge	
	Lbs.	Kg	Lbs.	Kg
40	1100	499	900	409
41	1150	522	950	431
42	1250	568	1000	454
43	1350	613	1050	477
50	1500	681	1100	499
51	1600	726	1200	545
52	1750	795	1300	590
53	1850	840	1350	613
55	1900	863	1550	704
56	2200	999	1650	749
57	2500	1135	1750	795
58	2700	1226	1900	863

Cooler Code	Float Ball Style	
	R-22 & R-134a	
	Refrigerant Charge	
	Lbs.	Kg
40	1420	640
41	1490	680
42	1550	700
43	1600	730
50	1850	840
51	1900	860
52	1980	900
53	2050	930