

Table 3-1: Acceptable Balance Pressures for Refrigeration Units†

Refrigeration Unit	*Balance Pressure psig (bar)
550-HC	110-125 (7.6-8.6)
550-LT	110-130 (7.6-9.0)
551-HC	139-152 (9.6-10.5)
552-HC	135-155 (9.3-10.7)
660-HC	140-175 (9.7-12.1)
661-HC	155-175 (10.7-12.1)
662-HC	160-190 (11.0-13.1)
670-HC	140-175 (9.7-12.1)
672-HC	160-190 (11.0-13.1)
1100-HC	160-200 (11.0-13.8)
1100-LT	155-170 (10.7-11.7)
1101-HC	165-185 (11.4-12.8)
1101-LT	150-170 (10.3-11.7)
1102-HC	175-200 (12.1-13.8)
<p>NOTE: <i>†These pressures are for the refrigeration units only. The balance pressure may drop 5-10 psig (35-70 kPa) after installing the refrigerant line and cryosurface and opening the isolation valves.</i> <i>*Balance Pressure refers to the pressure of the unit when it is turned off and fully warmed up to room temperature. It is the balance of pressure on both sides (suction and discharge) of the compressor. Under operating conditions (when the compressor is running) the unit creates a pressure difference between sides of the compressor.</i></p>	