Pressure Drops In Lines for
DuPont™ Suva® 123 Refrigerant
(65°F Evaporator Outlet)
NOTE: Pressure drops do not allow for pulsating flow. If flow is pulsating, use next larger pipe size. Liquid line determined at 0°F evap. and 80°F cond. Discharge lines at 0°F evap. Other conditions do not appreciably change result. Vapor at evap. outlet assumed to be at 65°F.

EXAMPLE
5.5 tons at -40°F and 100°F cond.
2 1/8" suction line
pressure drop = 10.1 psi/100 ft.
3/8" liquid line pressure drop = 30 psi/100 ft.