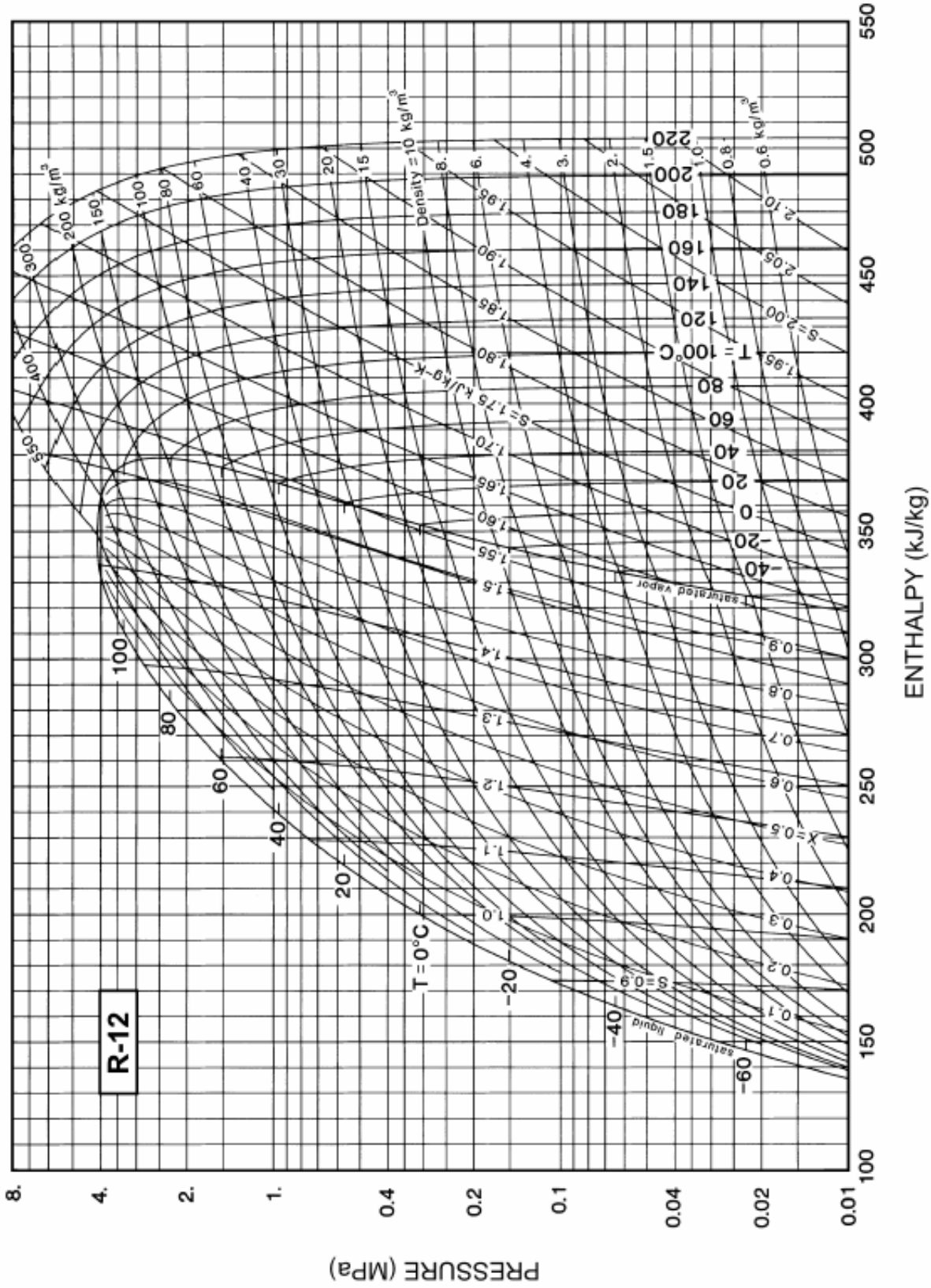
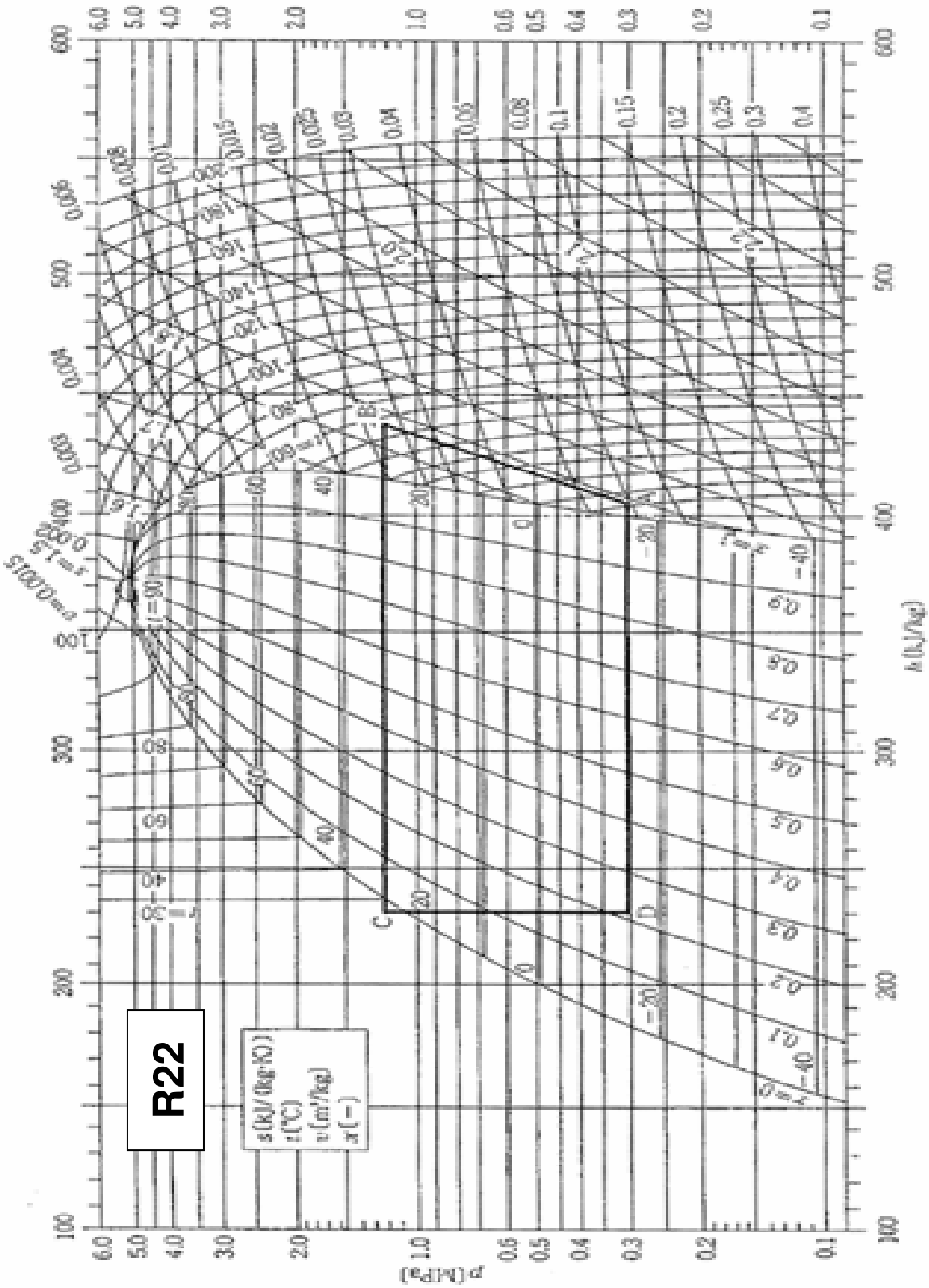
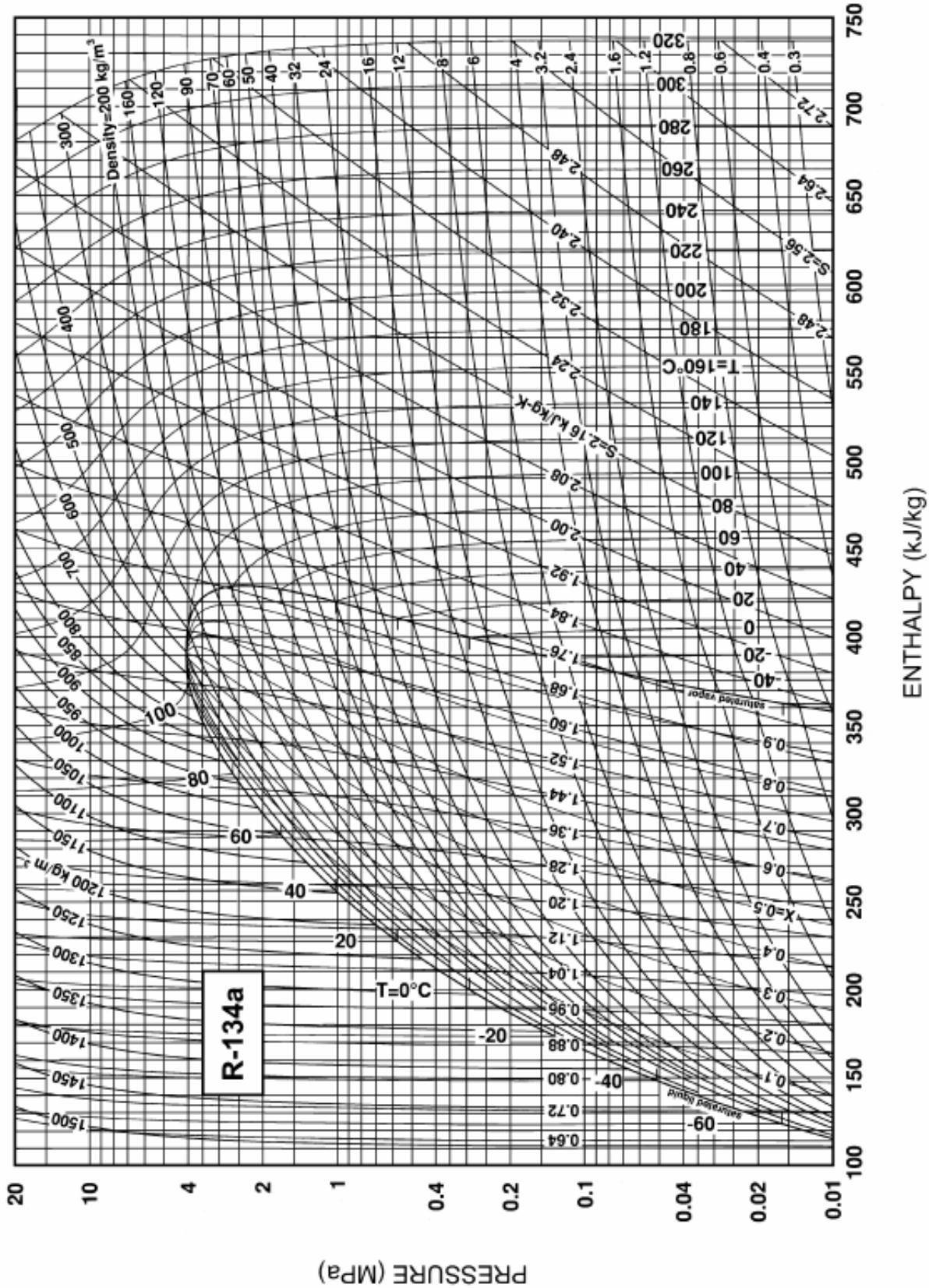
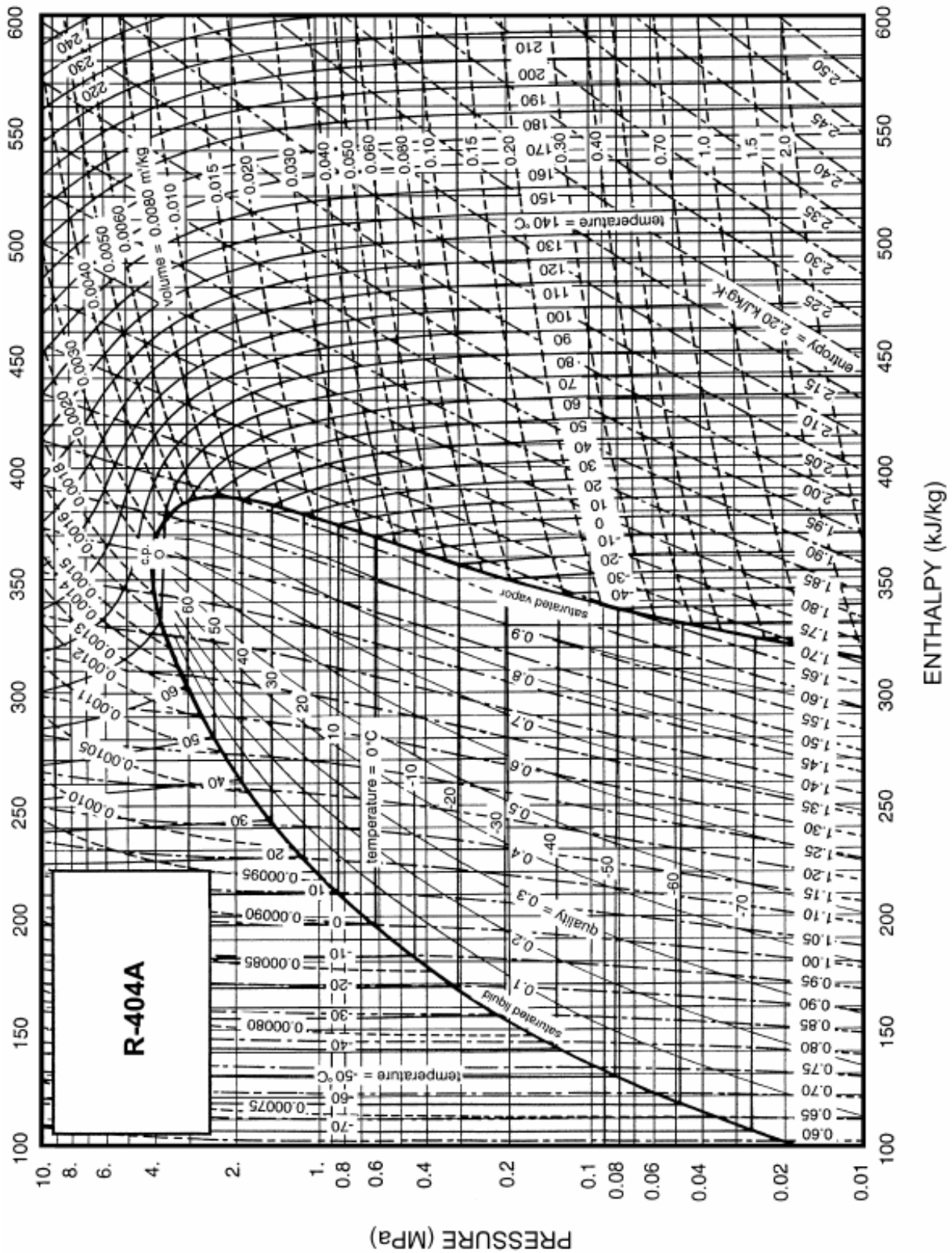
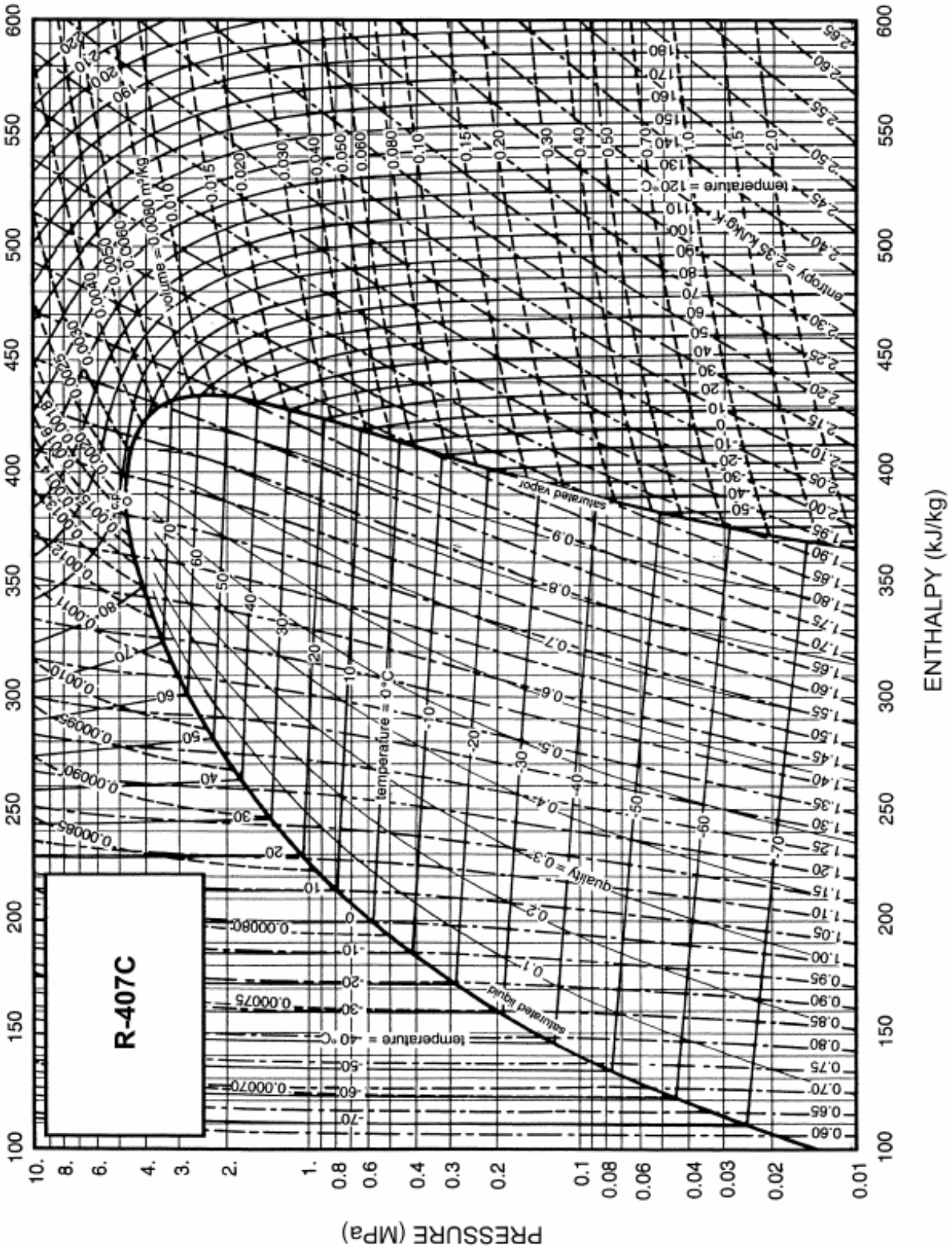

R-12
PRESSURE (MPa)
ENTHALPY (kJ/kg)
Saturated liquid
Saturated vapor
Density = 10 kg/m³
T = 0°C
T = 100°C
S = 0.9
S = 1.75 kJ/kg-K
S = 2.00
X = 0.5


R22
s (kJ/(kg·K))
t (°C)
v (m³/kg)
x (–)
p (MPa)
h (kJ/kg)
A
B
C
D


R-134a
ENTHALPY (kJ/kg)
PRESSURE (MPa)
Density=200 kg/m³
T=0°C
T=160°C
S=2.16 kJ/kg-K
S=2.56
X=0.5
saturated vapor
saturated liquid


R-404A
PRESSURE (MPa)
ENTHALPY (kJ/kg)
saturated liquid
saturated vapor
quality = 0.3
temperature = 0°C
temperature = -50°C
temperature = 140°C
entropy = 2.20 kJ/kg·K
volume = 0.0080 m³/kg
c.p.


R-407C
PRESSURE (MPa)
ENTHALPY (kJ/kg)
saturated liquid
saturated vapor
quality = 0.3
temperature = 0 °C
temperature = -40 °C
temperature = 120 °C
entropy = 2.35 kJ/kg·K
volume = 0.0080 m³/kg