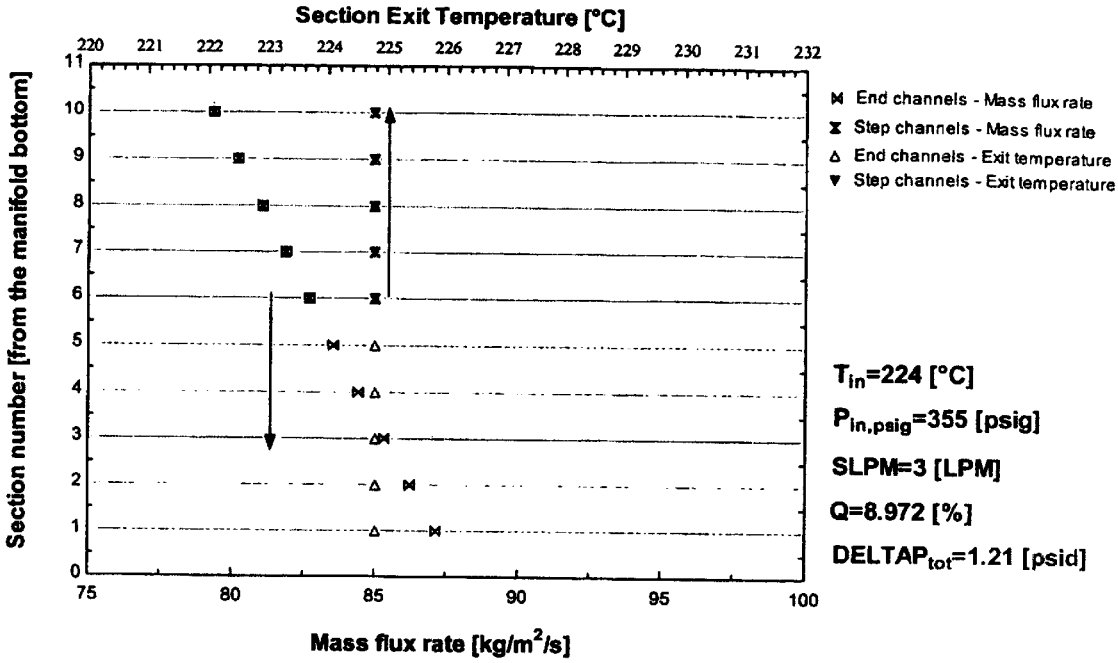
Section Exit Temperature [°C]
220 221 222 223 224 225 226 227 228 229 230 231 232
Section number [from the manifold bottom]
0 1 2 3 4 5 6 7 8 9 10 11
75 80 85 90 95 100
Mass flux rate [kg/m²/s]
End channels - Mass flux rate
Step channels - Mass flux rate
End channels - Exit temperature
Step channels - Exit temperature
T_in=224 [°C]
P_in,psig=355 [psig]
SLPM=3 [LPM]
Q=8.972 [%]
DELTAP_tot=1.21 [psid]

Fig. 38

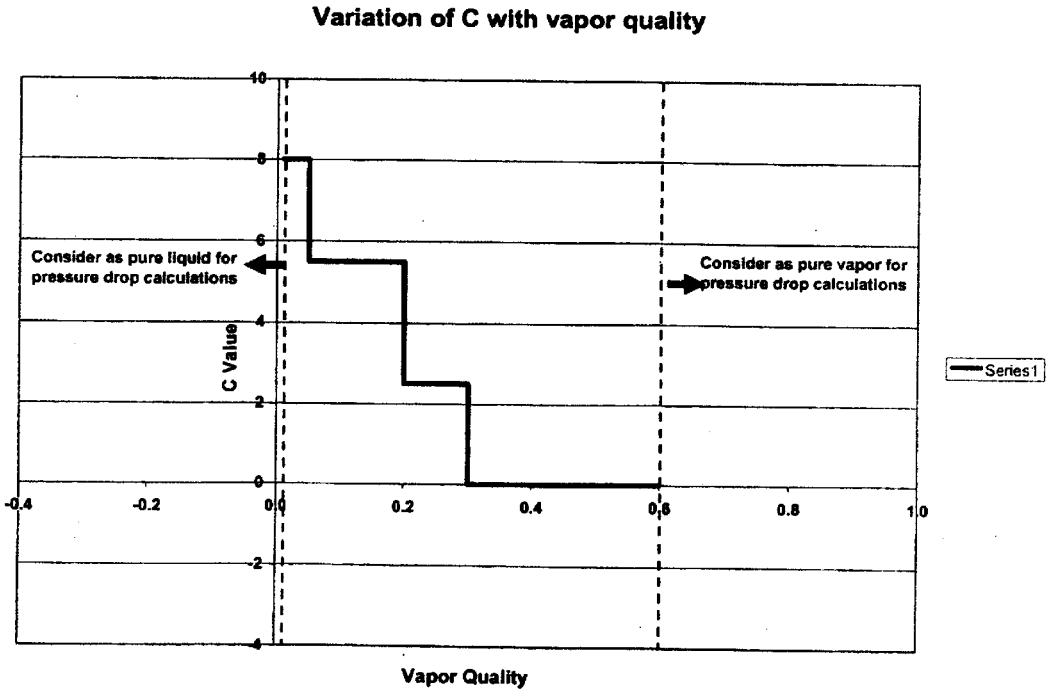
Variation of C with vapor quality
Consider as pure liquid for pressure drop calculations
Consider as pure vapor for pressure drop calculations
C Value
10 8 6 4 2 0 -2 -4
-0.4 -0.2 0.0 0.2 0.4 0.6 0.8 1.0
Vapor Quality
Series1

Fig. 39