

200.00
100.00
90.00
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.90
0.80
0.70
0.60
0.50

R717

Ref: R. Döring, Klima+Kälte ingenieur Ki-Extra 5, 1978

DTU, Department of Energy Engineering
s in [kJ/(kg K)], v in [m³/kg], T in [°C]
M.J. Skovrup & H.J.H. Knudsen, 19-12-04

Pressure [Bar]

0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000

Enthalpy [kJ/kg]

x = 0.10

s = 1.00

2.00

3.00

4.00

5.00

6.00

0.0030

0.0040

0.0050

0.0060

0.0070

0.0080

0.0090

0.010

0.015

0.020

0.030

0.040

0.050

0.060

0.070

0.080

0.090

0.10

0.15

0.20

0.30

0.40

0.50

0.60

0.70

0.80

0.90

1.0

1.5

2.0

3.0

4.0

130

s = 3.75

s = 4.00

s = 4.25

s = 4.50

s = 4.75

s = 5.00

s = 5.25

s = 5.50

s = 5.75

s = 6.00

s = 6.25

s = 6.50

s = 6.75

s = 7.00

s = 7.25

s = 7.50

s = 7.75

v = 0.0060

v = 0.0080

v = 0.010

v = 0.015

v = 0.020

v = 0.030

v = 0.040

v = 0.060

v = 0.080

v = 0.10

v = 0.15

v = 0.20

v = 0.30

v = 0.40

v = 0.60

v = 0.80

v = 1.0

130

130

120

110

100

90

80

70

60

50

40

30

20

10

0

-10

-20

-30

-40

-30

-20

-10

0

10

20

30

40

50

60

70

80

90

100

110

120

130

-40

-30

-20

-10

0

10

20

30

40

50

60

70

80

90

100

110

120

130

140

150

160

170

180

190

200

210

220