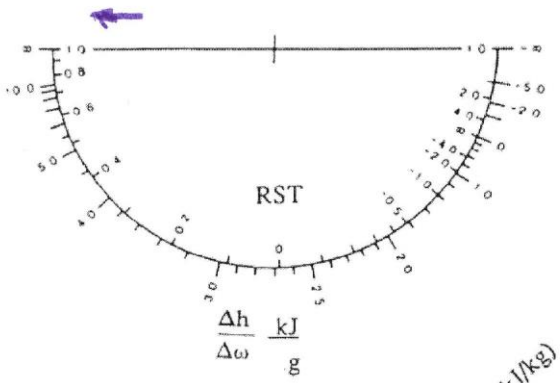
1

DIAGRAMMA PSICROMETRICO DELL'ARIA UMIDA

(Pressione 1,0132 bar = 10132 Pa)



h (kJ/kg)

TBB (°C)

v (m³/kg)

(g/kg)

U.R

RST

TBA (°C)

h2
h3
h4
h1
2
3
4
1
ω2
ω3
ω1
T1=15°C
T3
T2=35°C

2

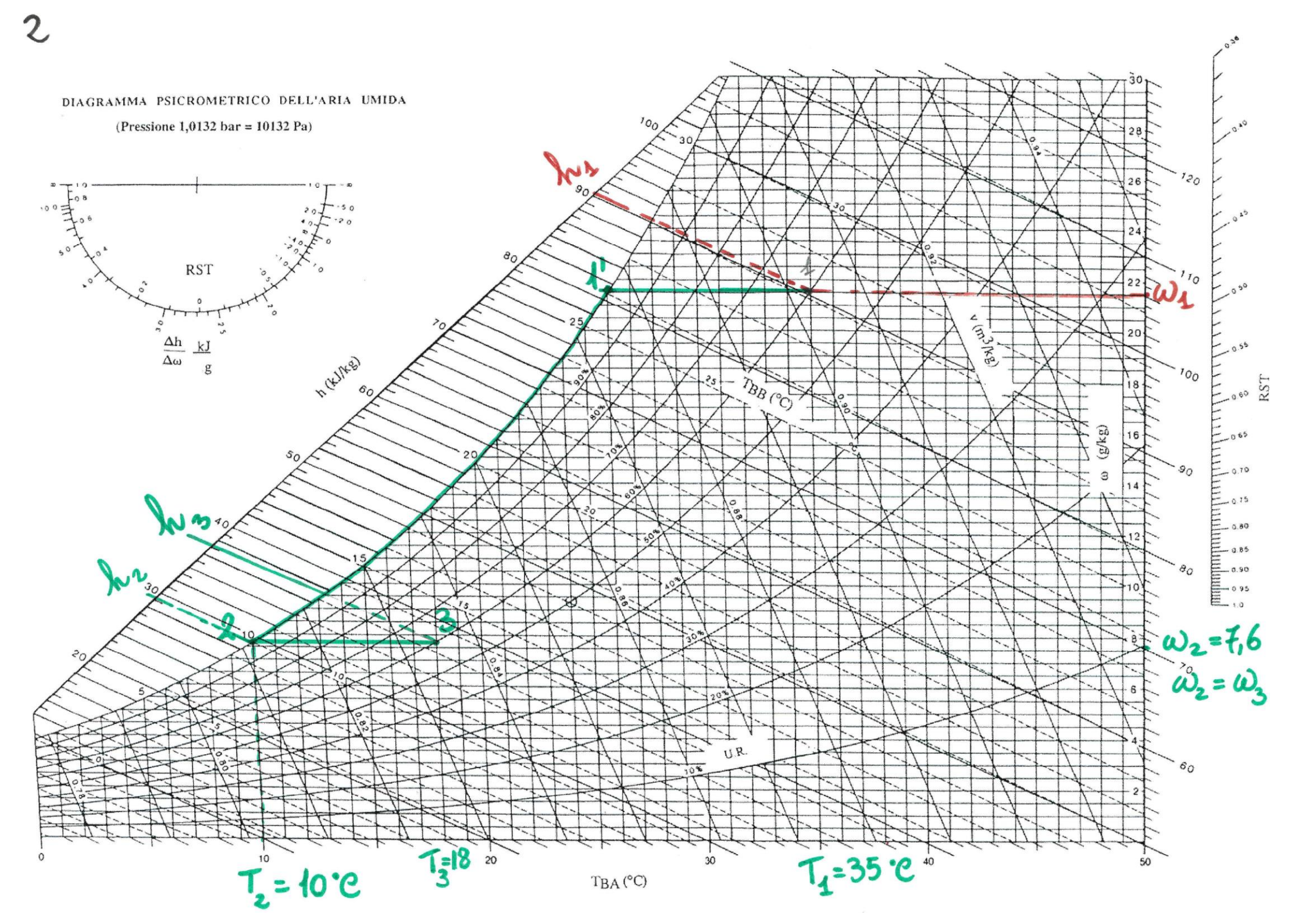
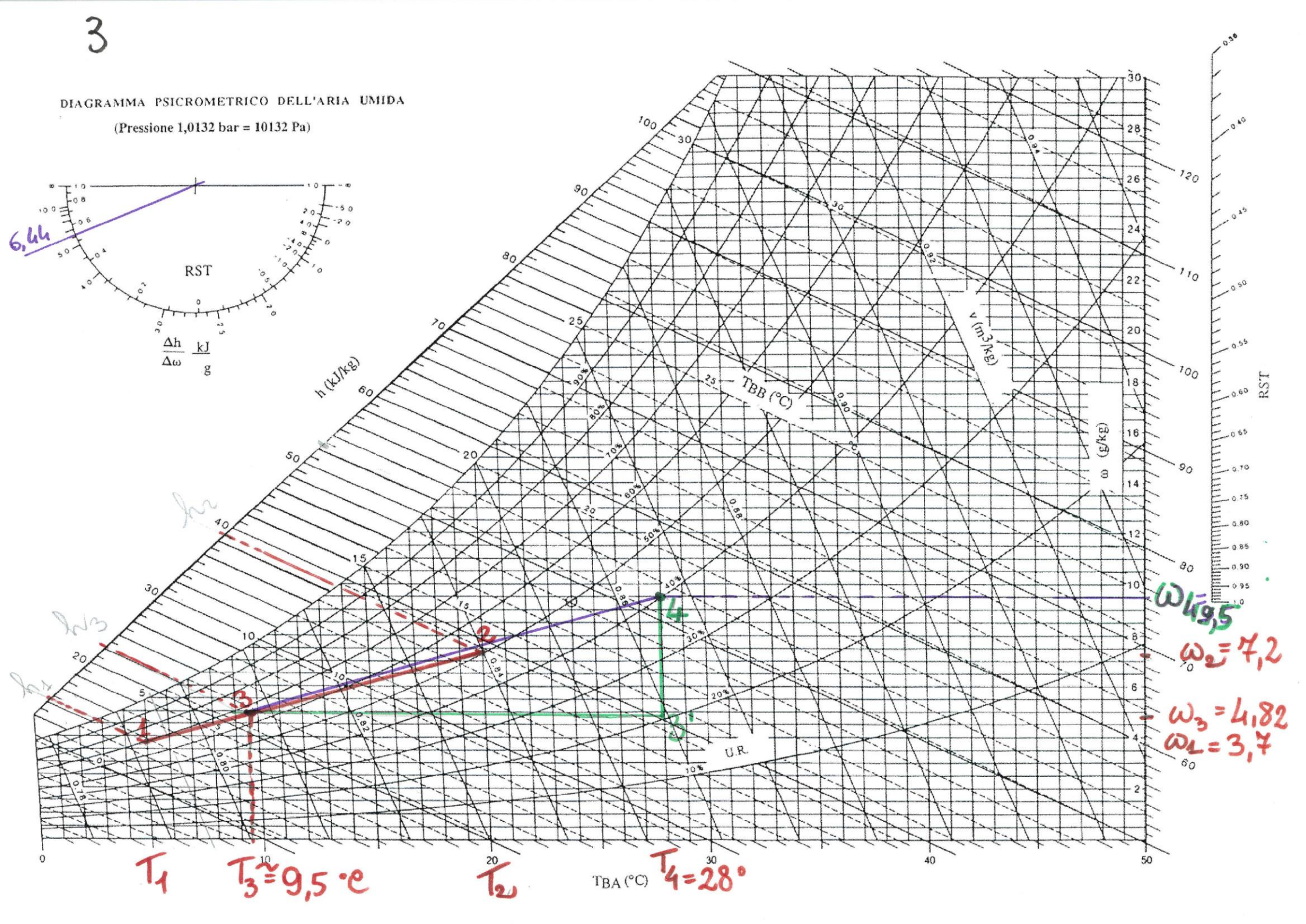


DIAGRAMMA PSICROMETRICO DELL'ARIA UMIDA
(Pressione 1,0132 bar = 10132 Pa)
RST
Δh/Δω kJ/g
h (kJ/kg)
TBB (°C)
v (m³/kg)
ω (g/kg)
U.R.
RST
TBA (°C)
h1
1'
ω1
h3
h2
2
3
ω2 = 7,6
ω2 = ω3
T2 = 10°C
T3 = 18
T1 = 35 °C

3

DIAGRAMMA PSICROMETRICO DELL'ARIA UMIDA

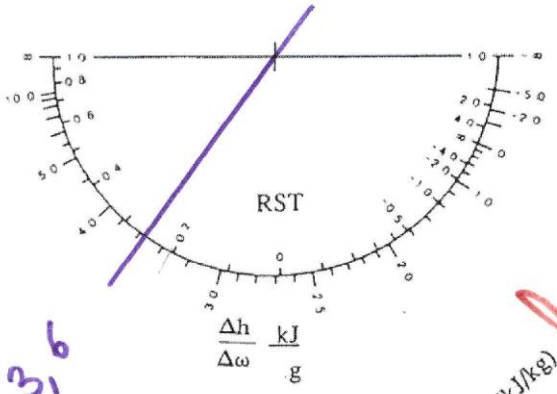
(Pressione 1,0132 bar = 10132 Pa)



4

DIAGRAMMA PSICROMETRICO DELL'ARIA UMIDA

(Pressione 1,0132 bar = 10132 Pa)



r 3,6

h (kJ/kg)

TBB (°C)

v (m³/kg)

ω (g/kg)

U.R.

RST

TBA (°C)

h_1

h_3

h_2

1

1'

2

3

ω_1

$\omega_3 = \omega_2$

$T_2 = 19,5$

n. 5

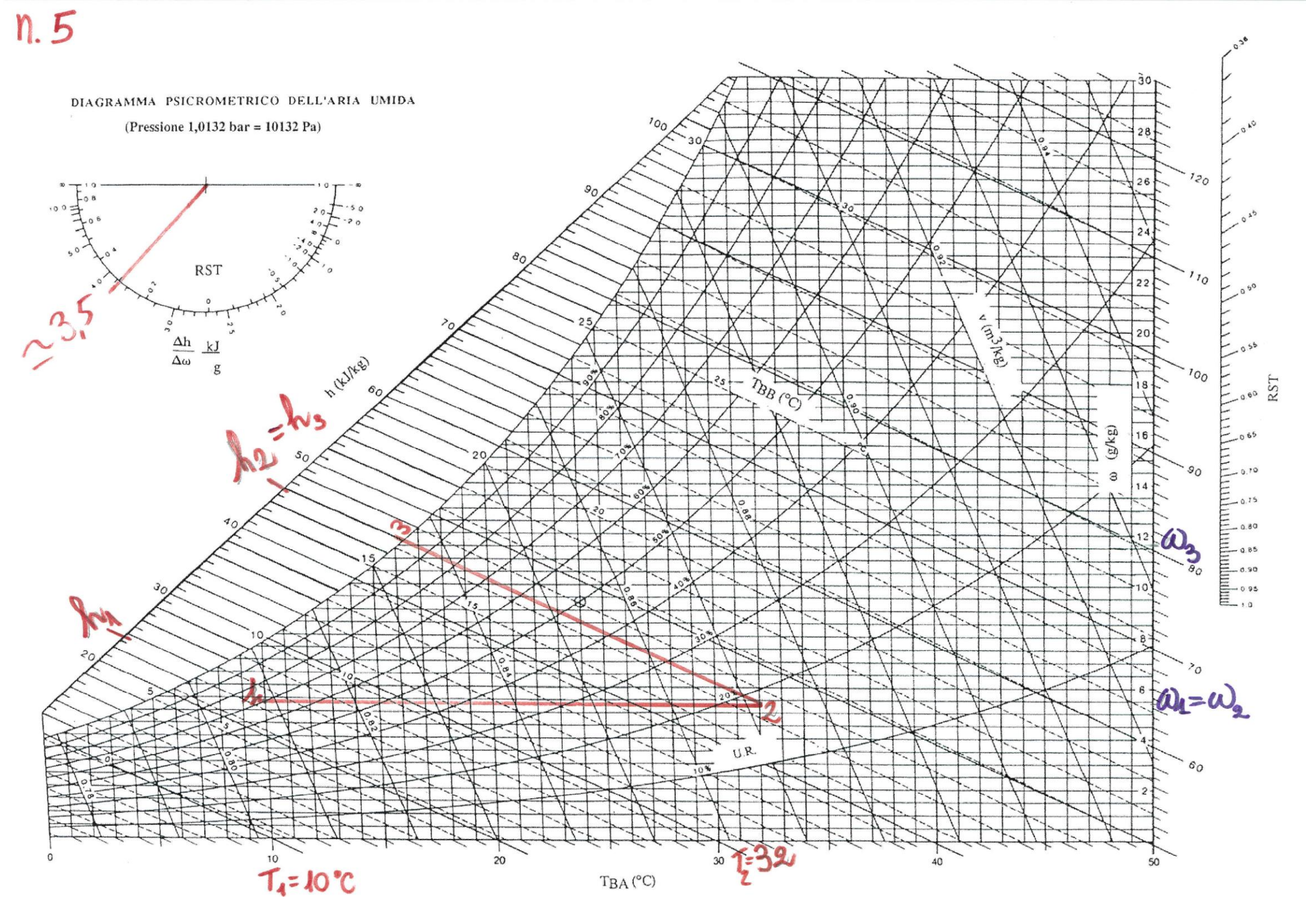
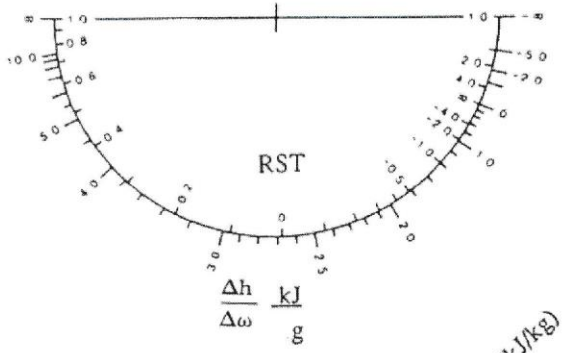


DIAGRAMMA PSICROMETRICO DELL'ARIA UMIDA
(Pressione 1,0132 bar = 10132 Pa)
RST
≈ 3,5
Δh/Δω kJ/g
h (kJ/kg)
TBB (°C)
v (m3/kg)
ω (g/kg)
U.R.
TBA (°C)
RST
h2 = h3
h1
ω3
ω1 = ω2
T1 = 10 °C
T2 = 32

n.7

DIAGRAMMA PSICROMETRICO DELL'ARIA UMIDA

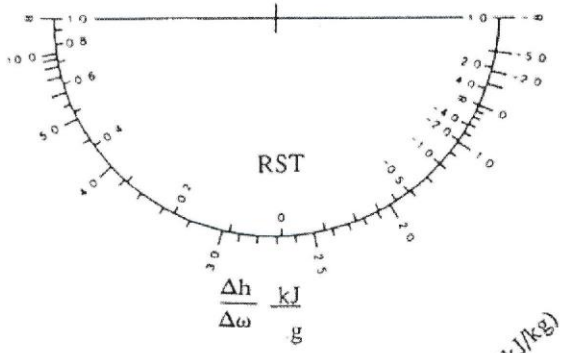
(Pressione 1,0132 bar = 10132 Pa)



n. 11

DIAGRAMMA PSICROMETRICO DELL'ARIA UMIDA

(Pressione 1,0132 bar = 10132 Pa)



h (kJ/kg)

TBB (°C)

v (m³/kg)

ω (g/kg)

U.R.

TBA (°C)

RST

h_1

h_2

$h_3 = h_4$

ω_1

ω_2

ω_3

$T_1 = 5°C$

$T_2 = 24°C$

$T_3 = 12,4°C$

n.12

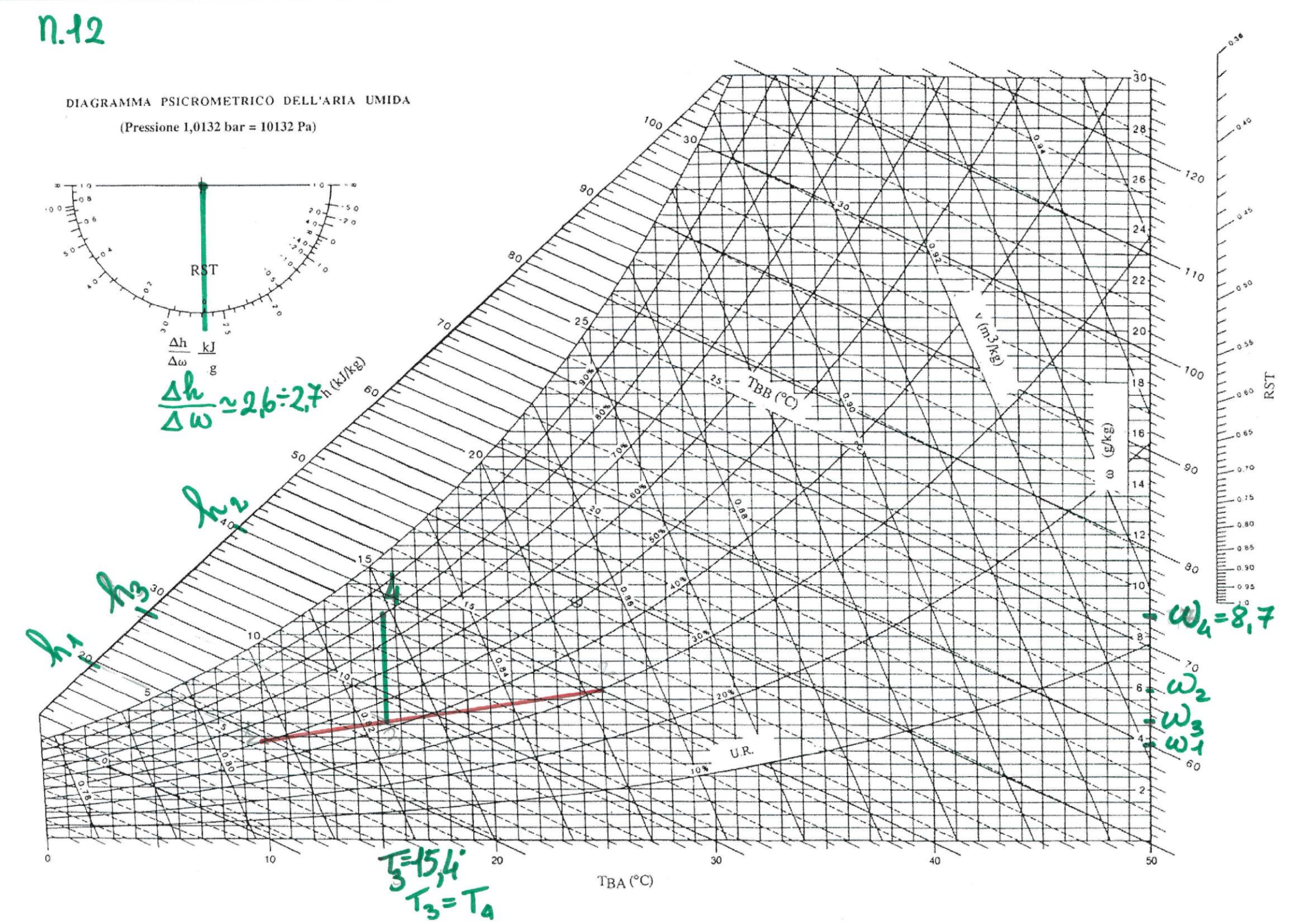
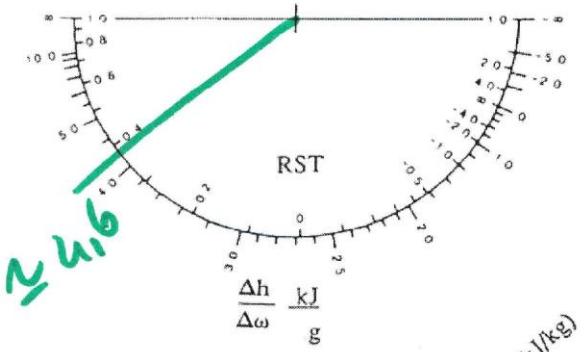


DIAGRAMMA PSICROMETRICO DELL'ARIA UMIDA
(Pressione 1,0132 bar = 10132 Pa)
RST
Δh/Δω kJ/g
h (kJ/kg)
TBB (°C)
v (m3/kg)
ω (g/kg)
U.R.
RST
TBA (°C)
Δh/Δω ≃ 2,6÷2,7
h2
h3
h1
4
ω4 = 8,7
ω2
ω3
ω1
T3 = 15,4°
T3 = T4

n.13

DIAGRAMMA PSICROMETRICO DELL'ARIA UMIDA

(Pressione 1,0132 bar = 10132 Pa)



≃ 4,6

h (kJ/kg)

TBB (°C)

v (m³/kg)

φ (g/kg)

U.R.

RST

TBA (°C)

h1

h3

hv2

1

2

3

ω1 = ω1'

ω2 = ω3

T2 ≃ 11°C

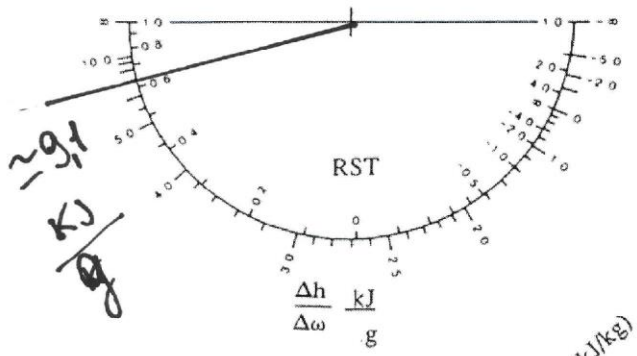
T1 = T2 ≃ 21,3°C

T1 = 37°C

Mod. 15

DIAGRAMMA PSICROMETRICO DELL'ARIA UMIDA

(Pressione 1,0132 bar = 10132 Pa)



$\sim g_1$ kJ/g

h (kJ/kg)

TBB (°C)

v (m³/kg)

ω (g/kg)

U.R.

RST

h_{v3}

h_{v2}

h_{v1}

$T_1 = 5°C$

$T_2 = T_3 = 20°C$

TBA (°C)

$\omega_3 = 6$ gr/kg

$\omega_1 = \omega_2 = 3,7$