คำอธิบายสัญลักษณ์และคำย่อ

คำย่อ

a	flow area (m^2)
a_t'	flow area per tube (m^2)
A	cross section area (m^2)
B	baffle space (m)
COP	coefficient of performance
C_p	specific heat (kJ $kg^{-1}K^{-1}$)
C	clearance (m)
D	diameter (m)
g	specific gravity (m s^{-2})
G	mass velocity (kg $s^{-1}m^{-2}$)
G'	condensation loading for the horizontal tube (kg $s^{-1}m^{-2}$)
h	specific enthalpy (kJ kg^{-1})
h'	heat transfer coefficient (kW m^{-2} K^{-1})
ID	inside diameter (m)
J_H	heat transfer factor
K	constant value
k	thermal conductivity (W m^{-1} K^{-1})
l	throat length (m)
L	length (m)
$\dot{m}$	mass flow rate (kg s^{-1})
N_t	number of tube
n	number of pass
OD	outside diameter (m)
P	pressure (kPa)
P_T	pitch (m)
Q	heat transfer rate (kW)
R	gas constant (J kg^{-1} K^{-1})
Rd	fouling factor
Rm	entrainment ratio
S	mixing chamber length (m)
t	water temperature (K)
T	temperature (K)
U	overall heat transfer coefficient (kW m^{-2} K^{-1})
W	work (kW)

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π	pi
ϕ	wall angle
μ	viscosity (kg m^{-1} s^{-1})
ν	specific volume (m^3 kg^{-1})

ตัวห้อย

1-6	refers to Figs. 1 and 2
avg	average
c	condensation region
cl	clean surface
C	condenser
con	convergent
d	desuperheat region
dir	dirty surface
div	divergent
e	primary nozzle exit plane

eq	equivalent
E	evaporator
f	sat. liquid at condenser temperature
g	sat. vapor at condenser temperature
G	generator
I	inside
i	inlet
m	ejector throat
mix	mixed fluid
o	outlet
O	outside
p	primary
P	pump
R	area ratio
s	secondary
sh	shell
T	nozzle area ratio
t	tube
th	nozzle throat
W	wall
wi	water inlet
wo	water outlet

อักษรย่อ

ESDU	Engineering Sciences Data Unit
EES	Engineering Equation Solver
LMTD	Log Mean Temperature Difference