

DAFTAR NOTASI

Notasi	Keterangan	Satuan
P	Panjang	m, ft
L	Lebar	m, ft
T	Tinggi	m, ft
V	Volume	m ³ , ft ³
ID	Diameter Dalam	m, ft, in
OD	Diameter Luar	m, ft, in
De	Diameter Equivalent	m, ft, in
T	Tebal	m, in
A	Luas Permukaan	m ² , ft ²
H _s	<i>Height (cylindrical section)</i>	m, ft, in
H _b	<i>Height (conical section)</i>	m, ft, in
A	Luas Permukaan	m ² , ft ²
E	<i>Joint Efficiency</i>	-
C _p	Kapasitas Panas	kJ/kg.K
T	Temperatur	°C, K
P	Tekanan	atm, psi, bar
H _f	Panas Pembentukan	kJ/kmol
H _r	Panas Reaksi	kJ/jam
H _v	Panas Penguapan	kJ/kmol
N	Jumlah Mol	kmol/jam
LMTD	<i>Logarithmic Mean Temperatur Difference</i>	°F
U _D	Tahanan Panas dalam Keadaan Kotor	Btu/jam.ft ² .°F
P _t	<i>Pitch</i>	In
N _m	Jumlah Plat Minimum	-
ΔP	<i>Pressure Drop</i>	Psi
X _{LK}	Fraksi mol komponen <i>light key</i>	-
X _{HK}	Fraksi mol komponen <i>heavy key</i>	-
μ	Viskositas	kg/m.s
P	Densitas	kg/m ³

Notasi	Keterangan	Satuan
T	<i>Residence Time</i>	sec, min, jam
K	Konstanta Reaksi	-
Lmf	<i>Minimum Height of Bed</i>	M
Vmf	<i>Minimum Velocity Fluidization</i>	m/s
N _{re}	<i>Reynolds Number</i>	-
D	Diameter	M
u _f	Kecepatan Flooding	m/s
R	<i>Radius</i>	m, ft, in
Sf	<i>Standard Straight Flange</i>	In
P	Daya (<i>Power</i>)	hp, kW
G	<i>Gravitational Acceleration</i>	ft/s ²
BM	Berat Molekul	kg/kmol
M	Massa	Kg
F	<i>Allowable Stress</i>	Psi
u _h	Kecepatan Uap Minimum	m/s
u _{am}	Kecepatan Uap Minimum Aktual	m/s
G _a	<i>Mass Velocity</i>	Lb/ft.h
R _d	Faktor Pengotor	Btu/hr.ft ² .F
Q	Laju Alir	m ³ /sft ³ /s
Q	Kalor	kJ
M	Mol Mula-Mula	Mol
R	Mol Reaksi	Mol