

	Symbol	Definition
Area	m^2	square metre
Density	ρ	density of air kg/m^3
Dimensions	mm	millimetre
	cm	centimetre
	m	metre
	\square	square
	\emptyset	diameter
Electricity	Amps	amperes
	Extd	dust and ignition proof motor
	Ex d	flame-proof motor
	Ex e	explosion-proof motor
	Ex n	non-sparking motor
	kW	kilowatt
	ph	phase
	\emptyset	phase
Power	P_R	impeller absorbed power, kW
Pressure	kg/m^2	kilogram per square metre
	Pa	pascal
	kPa	kilopascals
	$\rho_d F$	fan dynamic/velocity pressure
	$\rho_s F$	fan static pressure
	$\rho_t F$	fan total pressure
Sound	dB	decibel
	dB(A)	decibel, A weighted
	dBW	sound power level, L_w
	Hz	frequency, Hertz
	L_p	sound pressure level, dB
	L_w	sound power level, dB
	NC	noise criteria
	NR	noise rating
	PNC	Preferred Noise Criterion
	pW	picowatt
	μpa	micropascal
Speed of rotation	r/s	revolutions per second
	rev/sec	revolutions per second
Temperature	$^{\circ}C$	degrees celcius
	K	Kelvin, absolute temp.
Time	sec or s	seconds
Velocity	m/s	metres per second
Volumetric flow	L/s	litres per second
	m^3/s	cubic metres per second
	q_v	volume flow
Volume	m^3	cubic metres
Weights	wt	weight
	kg	kilogram

NOMOGRAMS & CONVERSION FACTORS

