

05. METRIC / FPS CONVERSIONS

PARAMETER	METRIC UNIT	METRIC TO FPS CONVERSION FORMULA	EQUIVALENT FPS UNITS
LENGTH	1 M		3.2802 Ft
MASS	1 KG		2.2046 Lbs
TEMPERATURE	0° C	$(1.8 \times ^\circ C) + 32$	32° F
FORCE	1 Newton		0.22481 Lbs.
FLOW RATE	1 M ³ /S		35.315 Ft ³ /S 2118.9 CFM
	1 M ³ /Hr		35.315 Ft ³ /Hr. 0.58858 CFM
VELOCITY	1 M/S		32.8083 Ft/S 196.85 FPM
PRESSURE	1 Newton/M ²		0.00402264 In.WG 0.00029530 In.Hg
	1 Pa		0.0040264 In.WG
POWER	1 W		0.0013410 HP
TORQUE	1 Newton-Meter		8.8507 Lb-In
SPEED	1 RPS		60 RPM
DENSITY	1 KG/M ³		0.062428 Lbs/Ft ³