



Worthwhile Operational Guidelines & Suggestions

BROILER PROCESSING TIMELY INFORMATION – NOVEMBER 2005

Conversion Factors (Part III)

To obtain this:	Multiply this	by
Atmospheres	Inches Hg @ 32F	0.033421
Centimeters (Cm)	Inches	2.540
Cm of Hg @ 0 Deg C	Atmospheres	76.0
Cm of Hg @ 0 Deg C	Grams/sq cm	0.07356
Cm of Hg @ 0 Deg C	Lb/sq in.	5.1715
Cm of Hg @ 0 Deg C	Lb/sq ft.	0.035913
Cm/(sec)(sec)	Gravity	980.621
Centipoises	Centistokes	Density
Grams/(cm)(sec)	Centipoises	0.01
Kg/(hr)(meter)	Centipoises	3.60
Pounds/(sec)(ft)	Centipoises	0.000672
Pounds/(hr)(ft)	Centipoises	2.42
Centistokes	Centipoises	1/density
Feet (Ft)	Meters	3.821
Ft/min	Cm/sec	1.9685
Ft/sec	Meters/sec	3.2808
Ft/(sec)(sec)	Gravity (sea level)	32.174
Ft/(sec)(sec)	Meters/(sec)(sec)	3.2808
Meters	Feet	0.3048
Meters/sec	Ft/sec	0.3048
Meters/(sec)(sec)	Ft/(sec)(sec)	0.3048
Sq cm	Sq ft	929
Sq cm	Sq in.	6.4516
Sq ft.	Sq meters	10.764
Sq in.	Sq cm	0.155
Sq meters	Sq ft	0.0929
Centigrade (C)	Fahrenheit (F)	$(F - 32) \times 5/9$
F	C	$(C \times 9/5) + 32$
0 Kelvin	C	-273.15
0 Rankine	F	-459.69



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