

Perform the following unit conversions

$1.076 \times 10^{-3} \text{ ft}^2$	 mm^2
5.2718 W	 BTU/h
22 W/m^2	 $\text{kJ/m}^2 \cdot \text{h}$
1500 mm-Hg	 Pa
15.5 BTU/lb _m	 J/kg
15 lb _m /ft ³	 g/cm^3
35 ft/dak.	 km/h
196 °K	 F