Units of LC

What are the units of LC? They are of course "henry farads":

$$\text{HF}.$$

But because $L = \Phi_B/i$, a henry is a "tesla meter^2/ampere", and because $C = Q/\Delta V$, a farad is a "coulomb/volt", and the units of LC are

$$\frac{\text{Tm}^2}{\text{A}}\frac{\text{C}}{\text{V}}.$$

But because the magnetic force is $\vec{F} = q\vec{v}\times\vec{B}$, a tesla is a "newton/(coulomb meter/second)", and the units of LC are

$$\frac{\text{Ns}}{\text{Cm}}\frac{\text{m}^2}{\text{A}}\frac{\text{C}}{\text{V}} = \frac{\text{Nsm}}{\text{AV}}.$$

But an ampere is a "coulomb/second" and a volt is a "joule/coulomb", so AV is the non-electrical unit of "joule/second", and the units of LC are

$$\frac{\text{Nsm}}{\text{J/s}},$$

a completely non-electrical unit! Now a joule is a "newton meter", so the units of LC are nothing but

$$\text{s}^2.$$

Improbable as it may seem, a "henry farad" is a "second^2".