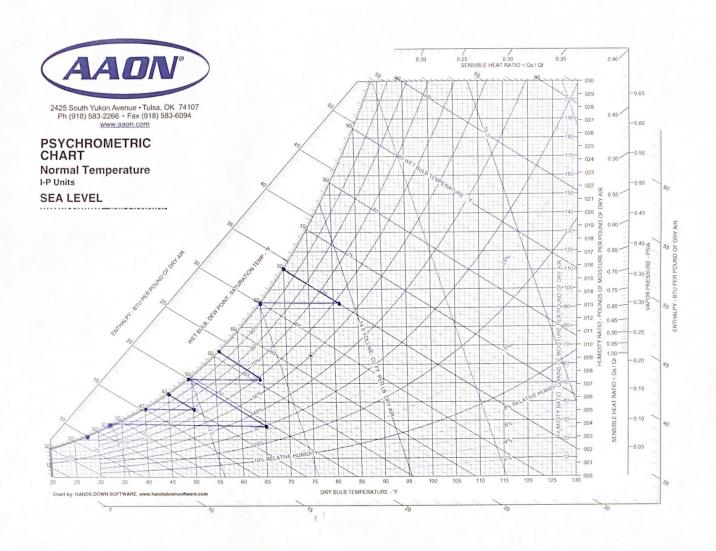
```
2/27/23 MAE 3524 William Van Dyke
(a) V=600 CFM V=600 cfm D Pry Temp = 80F = D V = 13.4

Wet Bulb = 10F W= reld
     \dot{n} = \frac{V}{V} = \frac{600}{12.9} = 43.165
                                        moda = 43,165 160
                                \vec{m} = \frac{\vec{V}}{\vec{V}} = \frac{1200}{133} = 90.226 \frac{16m}{min}
                                     mex= 90.226 16m
c) \dot{m}_{m} = 90.226 + 43165 = 133.391 \frac{16m}{m:n}
\dot{h}_{m} = \frac{34(43.165) + 26(96.226)}{133.391} = 24.53 \frac{870}{16m}
        WB = 56 ° F
        HR = 0.0074
m = 133.391 (bm)
e) Üsens = mt = 133.391(18-24.53) Qsens = -52262. BTU
     QLatent = 183.391 (24.53-21)(69) $ [QLabort = 2825 2 1/2]
     Mond = 12m ( 133.3
    micord = 133.391 (0.0135-0.0039)
    moond = 76.834 16
```



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