

30L-1 - GENERAL DESCRIPTION

The **Collins 30L-1** has **1000 watts** PEP power input on SSB and 1000 watts average on CW on 80, 40, 20, 15 and 10 meters. Power requirements are 115/230 VAC 50-60 Hz, key closed 1200 watts AC, SSB no modulation 300 watts AC, SSB speech modulated 550 watts AC. Drive power is 70 to 100 watts for full power output. RF connection is **N type**.

The **30L-1** is a grounded grid linear amplifier with four **811A** triodes tubes. The 811A's are instantly heated which requires no warm-up delay. The metering function monitors plate voltage, current, and tuning voltage which is used to quickly tune the amplifier. The amplifier is completely self-contained including power supply and designed for desk-top use. The amplifier has tuned input circuits to provide a good match to the exciter.

Dimensions & weight are: 14.75 x 7.75 x 13.75 inches 38 lbs.



Equipment Picture Menu



Front



Top



Inside



Rear

