

POWER INPUT:

SUPPLIED AT 220 OR 440 VOLTS AC, 60 Hz, THREE PHASE
FULL POWER INPUT 70 kVA
LINE CURRENT 220 VOLTS, 183 AMPS
440 VOLTS, 92 AMPS
POWER FACTOR: 0.95

POWER OUTPUT:

30 KILOWATT CONTINUOUS
(1706 BTU PER MINUTE)

FREQUENCY:

450 KILOHERTZ NOMINAL

DC PLATE VOLTAGE:

11,500 VOLTS AVERAGE (UNFILTERED)
12,000 VOLTS PEAK

DC PLATE CURRENT AT FULL LOAD:

5.5 AMPS

DC PLATE CURRENT OVERLOAD TRIP SETTING:

6.0 AMPS

DC GRID CURRENT:

0.550 AMP AT NO LOAD (TYPICAL)
0.350 AMP AT FULL LOAD (TYPICAL)

DC GRID CURRENT OVERLOAD TRIP SETTING:

0.680 AMPS

OSCILLATOR TUBE:

ML356 QTY (1)

FILAMENT:

7.5 VOLTS \pm 5% 170 AMPS

COOLING REQUIREMENTS:

MAXIMUM INLET TEMPERATURE - 110° F
MINIMUM DIFFERENTIAL PRESSURE - 30 PSI
OSCILLATOR TUBE - 11 GPM
TANK CIRCUIT OR REMOTE HEAT STATION - 2 GPM (EACH)
WATER TO AIR HEAT EXCHANGER - 3 GPM @ 85° F MAX INLET TEMP

DIMENSIONS AND WEIGHT:

78" WIDE, 85 HIGH, 50 DEEP
2900 Lbs.