

Table 1-2. Equipment Supplied

QUANTITY	NAME	CID NO.	OVERALL DIMENSIONS	WEIGHT AND VOLUME
One	Air Compressor N30NL-4	061430310	79.88 in. high 68.00 in. wide 50.00 in. depth	7620 lbs (wet) 7439 lbs (dry) 157 ft <sup>3</sup>
One	Air Compressor N30NL-4A	061430312	79.88 in. high 68.00 in. wide 50.00 in. depth	7620 lbs (wet) 7439 lbs (dry) 157 ft <sup>3</sup>
One	Controller	159990126	28.00 in. high 22.00 in. wide 12.88 in. depth	110 lbs. 4.5 ft <sup>3</sup>

\* Unrated

1-4. EQUIPMENT DESCRIPTION.

1-4.1. The N30NL-4 and N30NL-4A air compressors are six-stage, vertical, reciprocating compressors with non-lubricated cylinders. They are designed to compress free air from atmospheric pressure to the desired discharge pressure within the parameters that follow.

1-4.1.1. N30NL-4: This compressor is designed for a continuous output of 30 CFH (cubic feet per hour) at 3000 PSIG (pounds per square inch gauge). The compressor may be run at 3500 PSIG for two hours out of any single four-hour period.

1-4.1.2. N30NL-4A: This compressor is designed for a continuous output of 18 CFH at 5000 PSIG.

NOTE

The compressor may be run at 5500 P hours out of any single four-hour period.

Compressor capacity is rated at design conditions of 68°F and 36 percent humidity. Lower capacity will be expected when operating at high temperature and high humidity. Figure 1-2 shows typical capacity curves plotted for an ideal compressor; the actual capacity for a compressor will also be affected by changes in internal tolerances, external condition, drive belt condition, and drive RPM.