

Compressors

Hermetic

Furnish and Install, where indicated on plans, a reciprocating compressor(s) of the serviceable hermetic type. The compressor(s) shall produce a refrigeration effect of _____ tons when operating with Refrigerant _____ at _____ F saturated suction temperature and _____ F saturated discharge temperature. Compressor rpm shall not exceed 1750 rpm. Compressor shall be suitable for _____ volt, _____ phase electric service. Maximum power input shall not exceed _____ kilowatts.

Compressor(s) shall be equipped with suction and discharge stop valves, dual pressure switches, automatically reversible oil pump, inherent motor overtemperature protection, supplementary current overloads, crankcase heater, and fused control circuit. Compressor unit wiring shall incorporate a single-pumpout relay to prevent accumulation of liquid refrigerant in evaporator, and a positive

acting timer to prevent compressor short cycling (device shall prevent compressor from restarting for a 5-minute period).

Capacity Control — Cylinder unloading on 6-cylinder compressors shall be accomplished by a 2-step cylinder head bypass control. This device shall be self-contained, self-activated, suction pressure controlled and discharge pressure operated. It shall have provisions for modulating by external manual adjustment and shall be designed so that the compressor starts with its controlled cylinders unloaded.

Dimensions — The entire assembly shall have a width of not more than _____ in., a depth of not more than _____ in., and an overall height of not more than _____ in.

Accessories for compressor shall include: (electric capacity control package), (discharge line muffler).

Manufacturer reserves the right to change any product specifications without notice.

CARRIER AIR CONDITIONING COMPANY • SYRACUSE, NEW YORK