

1,000 TON CENTRIFUGAL CHILLER

INSTALLATION SERVICE CONNECTIONS

- (A) COOLER INLET 12" VICTAULIC FITTING FROM CHILLER
12" FLANGED FITTING FROM HEADER (PROVIDED)
- (B) COOLER OUTLET 12" VICTAULIC FITTING FROM CHILLER
12" FLANGED FITTING FROM HEADER (PROVIDED)
- (C) CONDENSER INLET 12" VICTAULIC FITTING FROM CHILLER
12" FLANGED FITTING FROM HEADER (PROVIDED)
- (D) CONDENSER OUTLET 12" VICTAULIC FITTING FROM CHILLER
12" FLANGED FITTING FROM HEADER (PROVIDED)
- (E) POWER SUPPLY TO STARTER DISCONNECT (SHIPPED LOOSE)
480V/3PH/60 CYCLE/824 FULL LOAD AMPS.
- (F) MICROPROCESSOR CONTROL PANEL
- (G) REFRIGERANT RELIEF CONN. - 2" NPT BUSTING DISC
1/2" PSIG FLEX CONNECTOR, INSTALLED BY OTHERS
NO STRESS ALLOWED ON THIS PIPING.
- (H) OIL PUMP STARTER

MODULAR HEADER SYSTEM (SHIPPED LOOSE)

* NOTE: COOLER AND CONDENSER EACH HAVE A SEPARATELY PROVIDED SYSTEM - CONSISTING OF THE FOLLOWING:

- (1) 12" VICTAULIC TO 12" FLANGED FITTING ADAPTOR
- (2) 12" FLANGED 90 DEGREE ELBOWS
- (3) 12" SHUTOFF VALVES
- (4) 12" FLANGE TO FLANGE SPOOL PIECE
- (5) W/INSTRUMENT THREADOLETS
- (6) 12" INLET STRAINER
- (7) FLOW SWITCH - MUST BE MOUNTED IN OUTLET SPOOL PIECE.
- (8) PRESSURE GAUGES
- (9) THERMOMETERS
- (10) PLUS MISC. BALL VALVES, CLAMPS, ETC.

DESIGN DATA

LENGTH:	18'-3"
WIDTH:	7'-1 3/4"
HEIGHT:	9'-10 5/8"
WEIGHT (SHIPPING):	32,555 LBS
CAPACITY (TONS) NOMINAL:	957
KV/TON:	.80
MIN. / MAX. WATER TEMPS.:	38-50 DEG. F.
MAX. WATER PRESSURE:	150 PSI
MIN./MAX COOLER FLOW:	1280/4800 GPM
MIN./MAX CONDENSER FLOW:	1344/4842 GPM
REFRIGERANT:	R-11

NOTE: R-123 REFRIGERANT IS AVAILABLE FOR THIS UNIT CAPACITY WILL CHANGE TO 844 TONS

