

300 TON CENTRIFUGAL CHILLER

- INSTALLATION SERVICE CONNECTIONS**
- (A) COOLER INLET 8" VICTAULIC FITTING FROM CHILLER
8" FLANGED FITTING FROM HEADER (PROVIDED)
 - (B) COOLER OUTLET 8" VICTAULIC FITTING FROM CHILLER
8" FLANGED FITTING FROM HEADER (PROVIDED)
 - (C) CONDENSER INLET 8" VICTAULIC FITTING FROM CHILLER
8" FLANGED FITTING FROM HEADER (PROVIDED)
 - (D) CONDENSER OUTLET 8" VICTAULIC FITTING FROM CHILLER
8" FLANGED FITTING FROM HEADER (PROVIDED)
 - (E) POWER SUPPLY TO FACTORY WIRED SOLID STATE STARTER DISCONNECT
480V/3PH/60 CYCLE/281 FULL LOAD AMPS
MICROPROCESSOR CONTROL PANEL
 - (F) REFRIGERANT RELIEF CONN. - 2" NPT BUSTING DISC
1.5 PSIG FLEX CONNECTOR, INSTALLED BY OTHERS
NO STRESS ALLOWED ON THIS PIPING.
 - (G) OIL PUMP STARTER - FACTORY WIRED.
 - (H) OIL PUMP STARTER - FACTORY WIRED.

MODULAR HEADER SYSTEM (SHIPPED LOOSE)

- NOTE: COOLER AND CONDENSER EACH HAVE A SEPARATELY PROVIDED SYSTEM - CONSISTING OF THE FOLLOWING:
- (1) 8" VICTAULIC TO 8" FLANGED FITTING ADAPTOR
 - (2) 8" FLANGED 90 DEG. ELBOWS
 - (3) 8" SHUTOFF VALVES
 - (4) 8" FLANGE TO FLANGE SPOOL PIECE W/INSTRUMENT THREADLETS
 - (1) 8" INLET STRAINER
 - (1) FLOW SWITCH - MUST BE MOUNTED IN OUTLET SPOOL PIECE
 - (2) PRESSURE GAUGES
 - (2) THERMOMETERS
 - PLUS MISC. BALL VALVES, CLAMPS, ETC.

DESIGN DATA

LENGTH:	15'-4"
WIDTH:	5'-2 3/4"
HEIGHT:	7'-7 3/8"
WEIGHT (SHIPPING):	13,066 LBS
CAPACITY (RUNS) NOMINAL:	300
KW/TON:	.657
MIN. / MAX. WATER TEMPS.:	38-50 DEGR. F.
MAX. WATER PRESSURE:	150 PSI
MIN/MAX COOLER FLOW:	489/1737 GPM
MIN/MAX CONDENSER FLOW:	465/1676 GPM
REFRIGERANT:	R-11

NOTE: R-123 REFRIGERANT IS AVAILABLE FOR THIS UNIT. CAPACITY WILL CHANGE TO 290 TONS.

