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 460V/3PH/60 CYCLE/281 FULL LOAD AMPS
- (F) MICROPROCESSOR CONTROL PANEL
- (G) REFRIGERANT RELIEF CONN. - 2" NPTI BURSTING DISC (15 PSIG) FLEX CONNECTOR, INSTALLED BY OTHERS NO STRESS ALLOWED ON THIS PIPING.
- (H) OIL PUMP STARTER - FACTORY WIRED.

MODULAR HEADER SYSTEM (SHIPPED LOOSE)

* NOTELY: COOLER AND CONDENSER EACH HAVE A SEPERATELY PROVIDED SYSTEM - CONSISTING OF THE FOLLOWING:

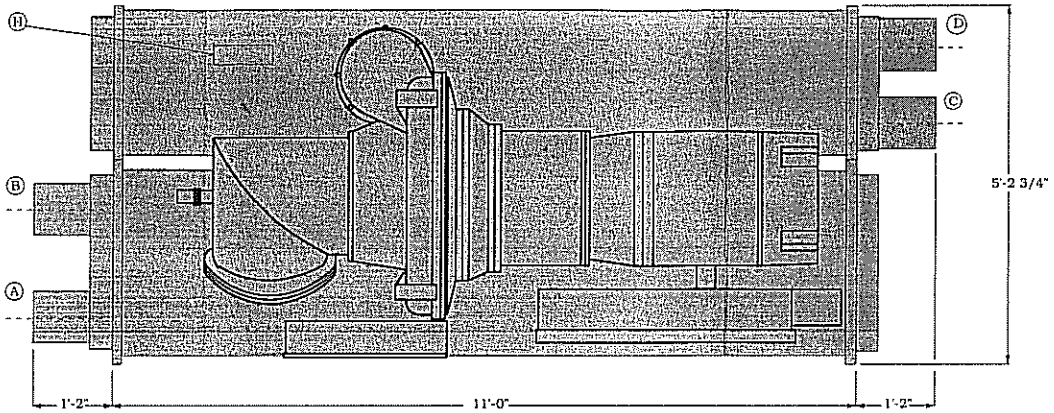
- (2) 8" VICTAULIC TO 8" FLANGED FITTING ADAPTOR
- (2) 8" FLANGED 90 DEG. ELBOWS
- (2) 6" SHUTOFF VALVES
- (2) 8" FLANGE TO FLANGE SPOOL PIECE W/INSTRUMENT THREADOLETS
- (1) 8" INLET STRAINER
- (1) FLOW SWITCH - MUST BE MOUNTED IN OUTLET SPOOL PIECE.
- (2) PRESSURE GAUGES
- (2) THERMOMETERS

PLUS MISC. BALL VALVES, CLAMPS, ETC.

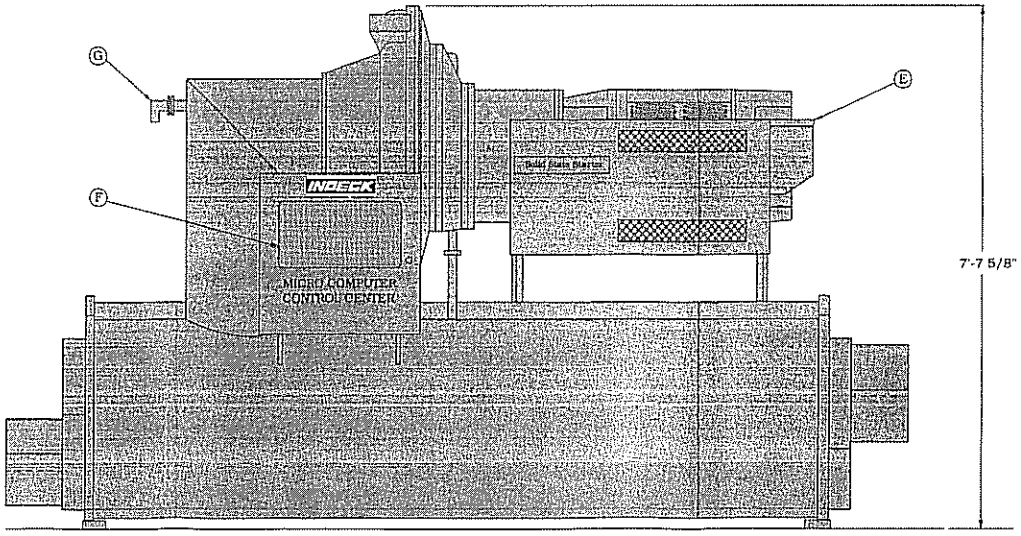
DESIGN DATA

LENGTH:	13'-4"
WIDTH:	5'-2 3/4"
HEIGHT:	7'-7 5/8"
WEIGHT: (SHIPPING)	13,666 LBS
CAPACITY (TONS) NOMINAL:	300
KW/TON:	.657
MIN. / MAX. WATER TEMPS.:	38-50 DEG. F.
MAX. WATER PRESSURE:	150 PSI
MIN/MAX COOLER FLOW	488/1737 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.



TOP VIEW



SIDE VIEW

INDECK 300 TON CENTRIFUGAL CHILLER

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