

IQ12000EV

STANDARD
CONTROLLER
LOCATION

AMBIENT INTAKE FILTER

(2) PEM, STUD, 1/4"-20, 1"LG

OPTIONAL
CONTROLLER
LOCATION

Ø6.625
[168.28]
WITH GUARD

ENCLOSURE
INTAKE

ENCLOSURE
EXHAUST

(8) PEM, NUT, #1/4-20

DRAIN TUBE .375" [9.53] O.D.

IQ12000EV
NOMINAL COOLING CAPACITY:
12187 BTUH (3572W) @ 140-140°F (60°C-60°C)
10875 BTUH (3187W) @ 95-95°F (35°C-35°C)
MAXIMUM AMPS: 20.10 (2412W) @ 120V/60Hz
MAXIMUM AMPS: 10.30 (2266W) @ 220V/50Hz
MAXIMUM AMPS: 10.30 (2369W) @ 230V/60Hz
MAXIMUM AMPS: 5.10 (2448W) @ 480V/50Hz
MAXIMUM AMPS: 5.09 (2443W) @ 480V/60Hz
MAXIMUM AMPS: 5.22 (2088W) @ 400V/50Hz
MAXIMUM AMPS: 5.21 (2084W) @ 400V/60Hz

MAXIMUM OPERATING TEMPERATURE: 140°F (60°C)
DIMENSIONS: 38.584" (980MM) H x 11.309" (287MM) W x 14.150" (359MM) D
WEIGHT: 126 LBS (57.2KG) @ 120/220/230V
WEIGHT: 150 LBS (68.1KG) @ 400/480V
REFRIGERANT CHARGE-R407C:
120V- 2LB 11OZ (1219G)
220/230,400/480V- 2LB 9OZ (1162G)

2.590
[65.79]

9.046
[229.77]

24.000
[609.60]

8.000
[203.20]

15.000
[381]

6.875
[174.63]

11.309
[287.26]

14.150
[359.40]

38.574
[979.78]

AMBIENT EXHAUST

EXTERNAL GROUND
Ø6MM, 12MM LG STUD
WITH RING TERMINAL

AMBIENT EXHAUST

| REV | DESCRIPTION | CHG | DATE | APP | DATE | CN# |
|-----|------------------------------------|-----|------------|-----|------------|------|
| E | ADDED CFM, dBA, AND CLEARANCE INFO | RCC | 3/22/2018 | ART | 5/11/2018 | 1347 |
| D | UPDATED UNIT DATA | JGG | 12/18/2017 | ART | 12/18/2017 | 1336 |
| | REVISION | | | | | |

| | |
|-------------|-----|
| ITEM NUMBER | N/A |
| MATERIAL | N/A |
| EST WT: | lbs |
| DRAWN BY | ART |

| | |
|---------|------------|
| USED ON | IQ12000EV |
| DATE | 10/12/2016 |
| SCALE | 1:8 |

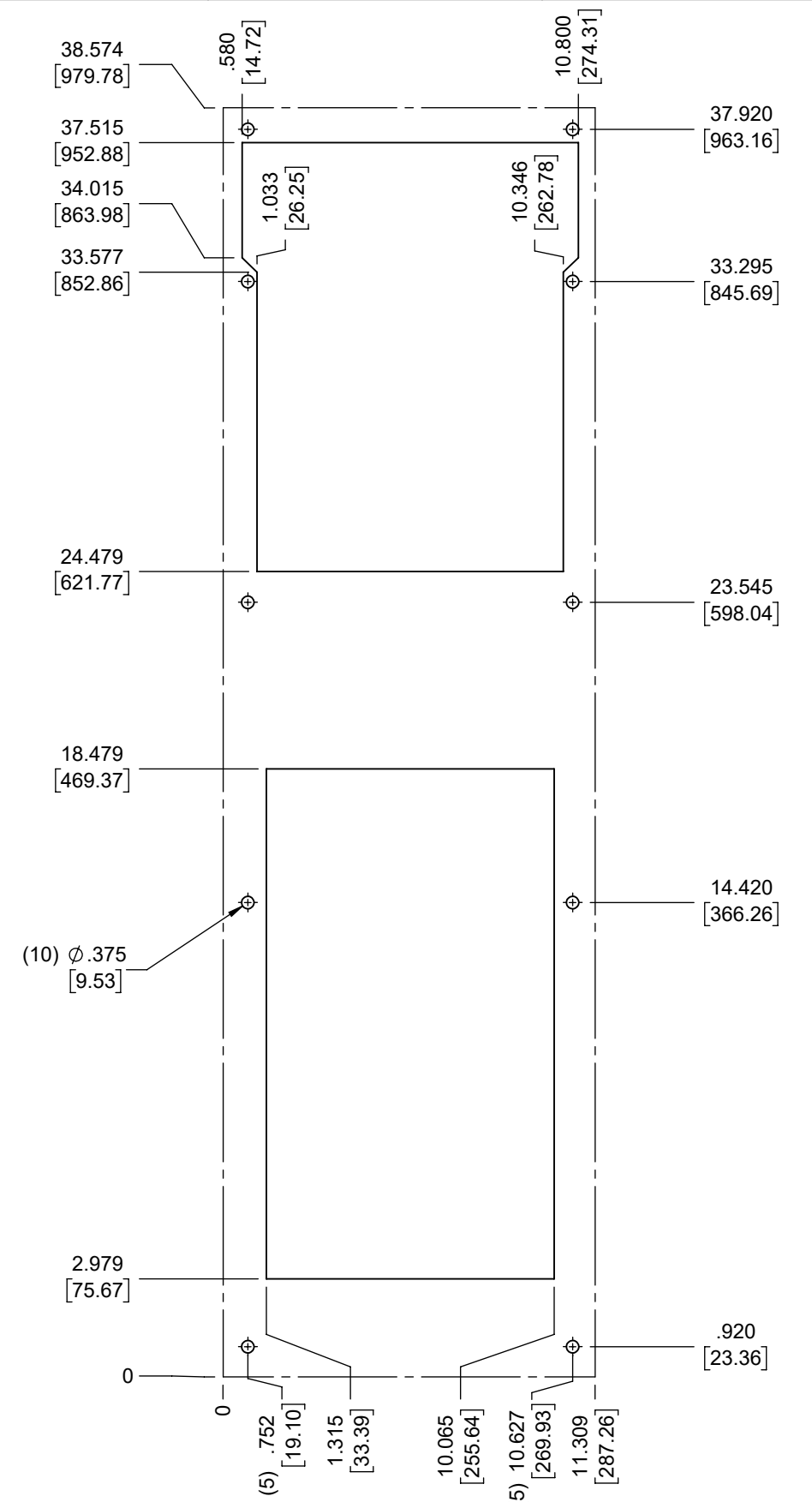
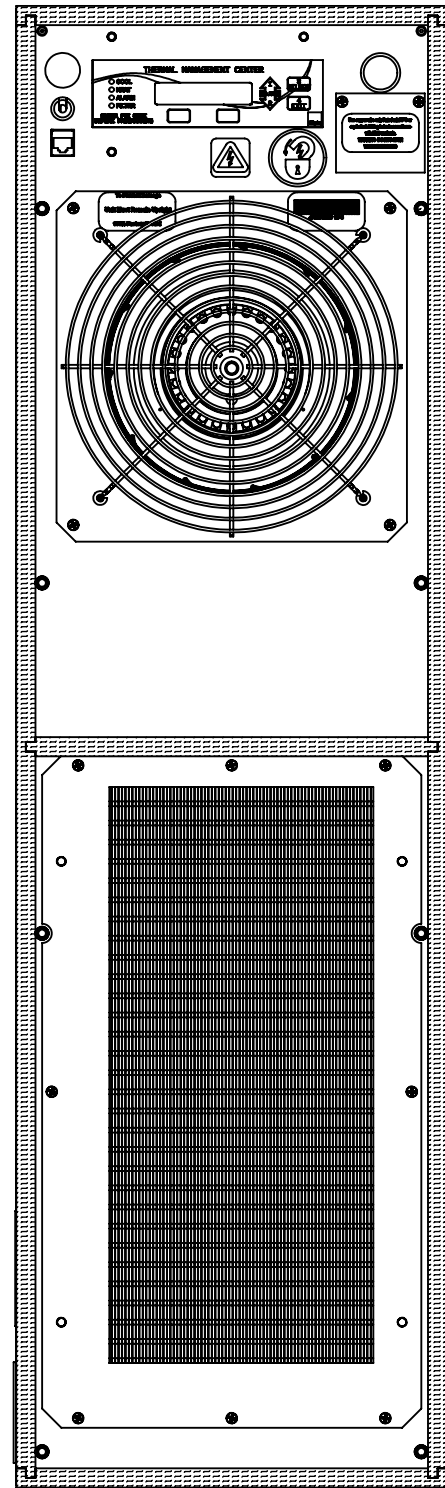
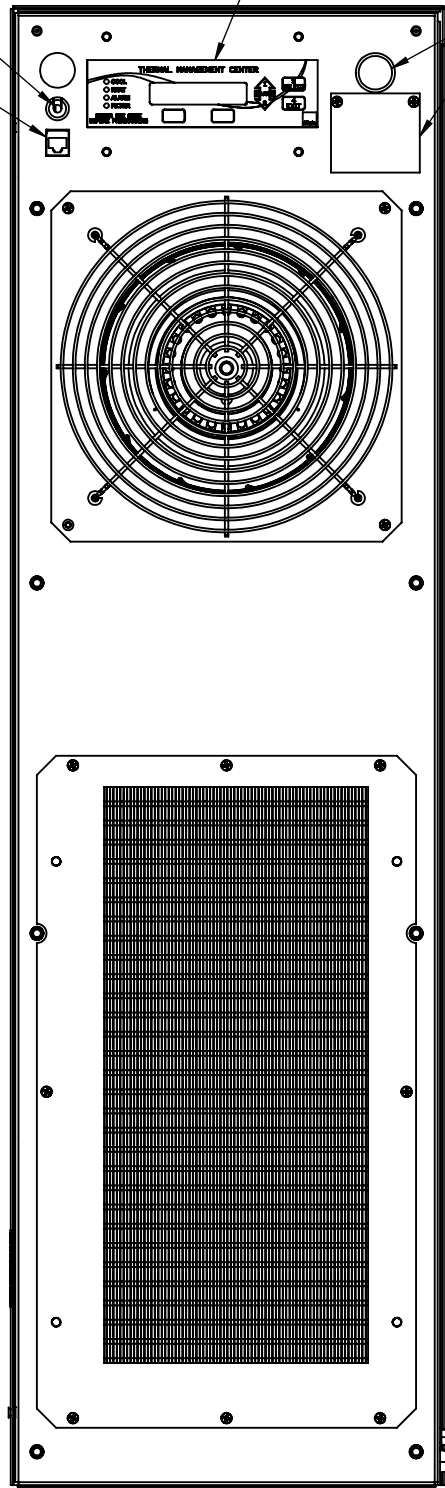
| | |
|--|-------|
| UNLESS OTHERWISE SPECIFIED TOLERANCES | |
| .X | ±.060 |
| .XX | ±.030 |
| .XXX | ±.015 |
| FRACTIONAL | ±1/16 |
| ANGULAR | ±1/2° |
| SURFACE FINISH | 63 |
| DO NOT SCALE DRAWING DIMENSIONS ARE INCHES | |

| | |
|---|-----|
| ICE QUBE, INC. | |
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| DESCRIPTION | |
| IQ12000EV SPEC DRAWING | |
| DRAWING NUMBER | REV |
| IQ351082 | E |

8 7 6 5 4 3 2 1

(OPTIONAL: ALARM OUTPUT)
 (OPTIONAL: RJ45 PORT)
 (OPTIONAL CONTROLLER LOCATION)
 (ETHERNET CONTROLLER SHOWN)
 AC POWER INPUT
 TERMINAL COVER

D
C
B
A



IMPORTANT
GASKET MUST BE APPLIED AS SHOWN FOR PROPER OPERATION AND TO MAINTAIN ENCLOSURE INTEGRITY

EVAP. OUTLET ≈ 510 CFM
 COND. OUTLET ≈ 800 CFM
 SOUND LEVEL @5FT FROM UNIT @ A HT. OF 3FT = 68 dBA
 SOUND LEVEL @2FT FROM UNIT @ A HT. OF 5FT = 70 dBA
 CONDENSER INLET MIN. CLEARANCE 3.00"

| | | | |
|---------------------------------------|----------------------|---|---|
| ITEM NUMBER N/A | USED ON IQ12000EV | UNLESS OTHERWISE SPECIFIED TOLERANCES X ±.060 .XX ±.030 .XXX ±.015 FRACTIONAL ±1/4 ANGULAR ±1/2° | THIS IS A PROPRIETARY DOCUMENT. DO NOT REPRODUCE OR DISCLOSE WITHOUT THE EXPRESS WRITTEN PERMISSION OF ICE QUBE, INC. |
| MATERIAL N/A | | SURFACE FINISH 63 DO NOT SCALE DRAWING DIMENSIONS ARE INCHES | |
| EST. WT.: lbs | DRAWN BY ART | DATE 10/12/2016 | SCALE 1:5 |
| DESCRIPTION IQ12000EV SPEC DRAWING | | | DRAWING NUMBER IQ351082 |
| REV | | | E |