

# CD-15GV-50, CD-15G-50-PRO SPECIFICATIONS

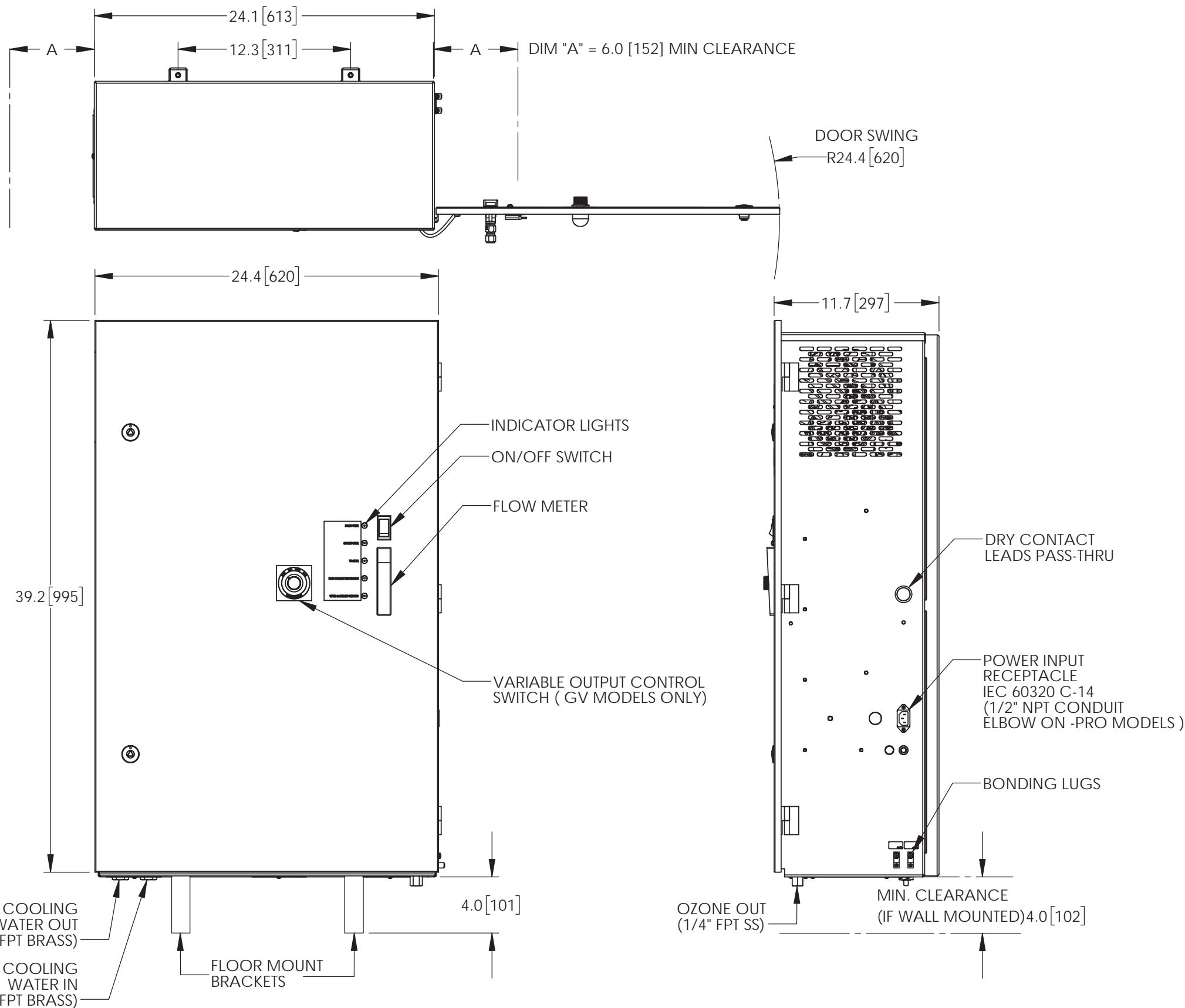
OZONE OUTPUT (+/-10%).....15 g/hr  
 FLOW RATE (max).....13 scfh (6 lpm)  
 CONCENTRATION.....2.5-3.0 %  
 POWER REQUIREMENTS.....230 VAC, 50Hz, 1Ø, 5 Amp  
 COOLING WATER  
 FLOW.....0.1 gpm (0.4 lpm)  
 INLET TEMPERATURE\*\* .....50°F – 90°F (10°C – 32°C)  
 INLET PRESSURE.....15 – 40 psi (100 – 270 kPa)

HEAT REJECTION..... 2067 BTU/hr  
 WEIGHT..... 150 lb (70 kg)  
 LOCATION REQUIREMENTS\*\*\*  
 MOUNTING..... FLOOR OR WALL MOUNT IN A CLEAN, PROTECTED AREA USING SUPPLIED BRACKETS.  
 AMBIENT TEMPERATURE... 40°F - 100°F (5°C – 38°C)  
 VENTILATION..... 6 AIR CHANGES PER HOUR (MIN)

\*\* POTABLE WATER MAY BE USED FOR COOLING. GENERATOR EFFICIENCY AND LIFE WILL BE IMPROVED WITH WATER INLET TEMPERATURES OF 80°F OR LESS.  
 \*\*\* PROTECTION FROM WEATHER MUST BE PROVIDED FOR OUTDOOR INSTALLATIONS. OPERATING OUTSIDE OF THE RECOMMENDED TEMPERATURE RANGES MAY RESULT IN DAMAGE NOT COVERED UNDER THE MANUFACTURER'S WARRANTY.

## FEATURES

- PROTECTION FROM
  - LOSS OF VACUUM
  - WATER BACKFLOW
- OZONE CELL THERMAL PROTECTION
- ALL CIRCUITS FUSE PROTECTED
- OUTPUT CONTROL:
  - GV MODEL..... HIGH-LOW; SWITCH ON FRONT PANEL
  - PRO MODEL..... 0-100%; 4-20mA FROM EXTERNAL CONTROLLER
- SELF REGULATED HIGH VOLTAGE, HIGH FREQUENCY OZONE POWER SUPPLY.
- OXYGEN PREPARATION
  - OXYGEN OUTPUT..... 15 CFH @ 8 PSIG (MAX)
  - DEWPOINT..... -73°C
  - OXYGEN PURITY..... 90% +/-5%
  - SOUND LEVEL..... 55 DBA @ 1 METER, OPEN FIELD
  - RESPONSE TIME..... 2 MIN. FROM INITIAL STARTUP OR EXTENDED SHUTDOWN TO ATTAIN MAXIMUM PURITY INCLUDED (INTERNAL)
  - COMPRESSOR .....
- POWDERCOATED STEEL ENCLOSURE



### ALL DIMENSIONS IN INCHES [MM]

TOLERANCES:  
 .X ± .1  
 .XX ± .02  
 .XXX ± .010  
 ANGLES ± 1°

MATERIAL:  
 FINISH:

### APPROVALS:

DRAWN: JBELL  
 ENGR. APPR: Digitally signed by T.MCNEIL  
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 Date: 2017.10.17 08:52:53 -07'00'  
 CHECKED:  
 Q.A. APPR:

### DATE:

10/06/2014

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INTERPRET DRAWING PER ANSI Y14.5-1994  
 SCALE: 1:8  
 DO NOT SCALE DRAWING

TITLE: SPECIFICATION DRAWING CD-15GV-50

DWG. NO: 4-1309-01  
 REV. E  
 SHEET: 1 OF 1

| ZONE      | REV. | DESCRIPTION                           | ECN  | DATE       |
|-----------|------|---------------------------------------|------|------------|
|           | E    | UPDATE TO REMOVE 5-PIN CONNECTOR      | 5872 | 07/11/2017 |
|           | D    | UPDATE SPEC SHEET FOR PRO MODELS      | 5365 | 10/06/2014 |
|           | C    | COMPLETE REVISION FOR IMPROVED DESIGN | 4675 | 2/21/2011  |
| REVISIONS |      |                                       |      |            |

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C

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A

B FORMAT REV A