

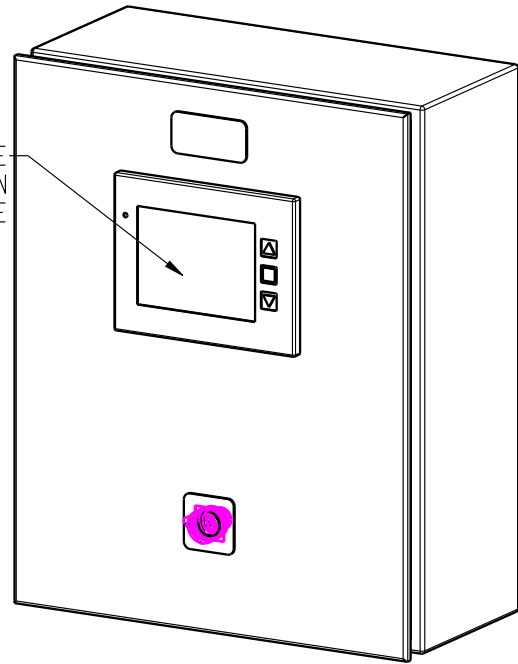
B

B

A

A

FIELD PROGRAMMABLE
TOUCH SCREEN
INTERFACE



PROGRAMMABLE FEATURES

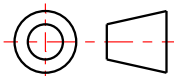
1. COMPONENT RUN TIMES
2. ACTIVATION SEQUENCE
3. PARK HOURS OF OPERATION,
ONE OPERATING PERIODS FOR EACH DAY
4. DATE & TIME OF DAY

**NIRBO
AQUATIC INC.**

ALL INFORMATION CONTAINED
IN THIS DOCUMENT IS PROPERTY
OF NIRBO AQUATIC INC. AND
MAY NOT BE REPRODUCED OR
COMMUNICATED WITHOUT
PERMISSION IN WRITING FROM
NIRBO AQUATIC INC.

DATE
(yyyy.mm.dd)
2010.05.10

CONTROLLER, TOUCH PANEL

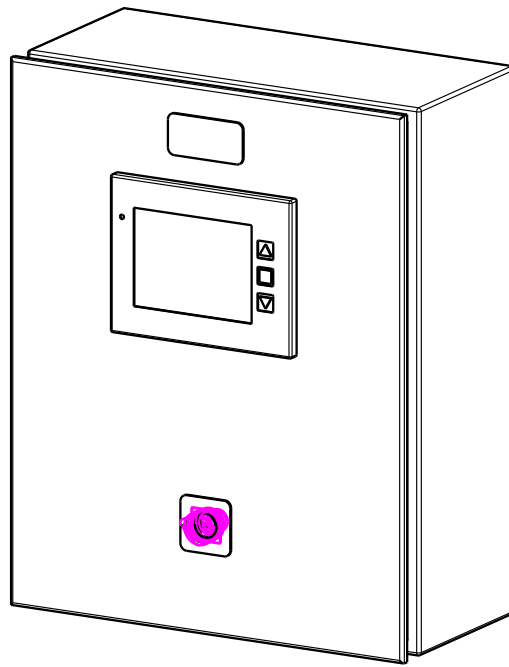


UNIT
INCH
[CM]

SHEET
1 / 2

DRAWING NO
13006-XX-D15

REV
01



GENERAL SPECS

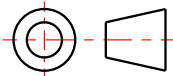
WEIGHT	35 LB
PANEL TYPE	NEMA TYPE-4 STEEL BOX WITH POWDER COATING
NO OF SENSORS	AS SPECIFIED BY ORDER
NO OF VALVES	AS SPECIFIED BY ORDER
OPERATING ENVIRONMENT	A- MINIMUM 3" CLEARANCE FROM ALL SIDES, EXCEPT MOUNTING SURFACE B- WALL MOUNTED, INDOOR USE OR OUTDOOR IN A WATER PROOF ENCLOSURE, NO DIRECT SUN LIGHT C- OPERATING TEMPERATURES: 10°C TO 40°C D- AMBIENT HUMIDITY: 35% TO 85% (WITH NO CONDENSATION) E- AMBIENT STORAGE TEMPERATURE: -20°C TO 60°C (EXCEPT BATTERY)
SYSTEM POWER	120 VAC, 60HZ 5 AMP MAX, OR 220V, 50HZ, 3 AMP MAX
BREAKER	DEDICATED GFI BREAKER
BATTERY BACKUP	YES
SYSTEM TIMER	24HR INTERNAL CLOCK
SENSOR POWER	24V DC (POWER SUPPLIED BY PANEL)
SOLENOID VALVES POWER	24V AC, 50/60HZ (SUPPLIED BY PANEL)
VALVE WIRES	BY OTHERS
SENSOR WIRE	BY OTHERS
APPROVAL	FIELD EVALUATION, ELECTRICAL SAFETY APPROVAL PER CSA CONTROLLER SHALL BE CONSTRUCTED PER NATIONAL ELECTRIC CODE (NEC) AND HAVE CSA OR UL APPROVAL AS REQUIRED.
SYSTEM COMPONENTS	A- AN INDUSTRIAL GRADE PLC AS MAIN CONTROLLING DEVICE. B- AN INDUSTRIAL GRADE TOUCH PANEL LCD DISPLAY AS USER INTERFACE DEVICE C- AN ON/OFF SWITCH TO START/STOP THE SYSTEM WHENEVER REQUIRED D- ALL ELECTRICAL COMPONENTS SHALL BE UL AND CSA APPROVED.

**NIRBO
AQUATIC INC.**

ALL INFORMATION CONTAINED
IN THIS DOCUMENT IS PROPERTY
OF NIRBO AQUATIC INC. AND
MAY NOT BE REPRODUCED OR
COMMUNICATED WITHOUT
PERMISSION IN WRITING FROM
NIRBO AQUATIC INC.

DATE
(yyyy.mm.dd)
2010.05.10

CONTROLLER, TOUCH PANEL



UNIT
INCH
[CM]

SHEET
2/2

DRAWING NO
13006-XX-D15

REV
01