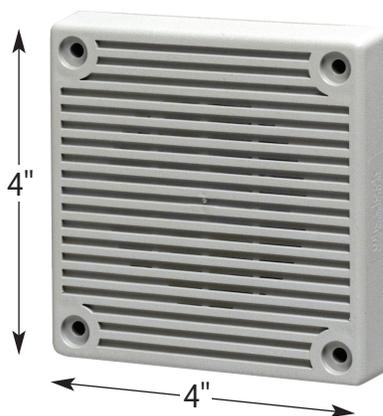# CU Alarm

FEATURES: The CU Alarm is an audible alarm that sounds in the event the steam room maximum set temperature is exceeded or if the CU-SteamStop button has been pressed.

The CU Alarm may be mounted outside the steam room in a location that will alert an attendant and/or user to an over-temperature condition.

4"

4"

INSTALLATION & LOCATION:
Review local codes for mounting location as required

⚠ **WARNING** The CU Alarm shall not be mounted inside the steam room.

⚠ **WARNING** **Please read the CU Alarm Installation and Operation Manual, PUR 100452, carefully before using this product.** The 115C CU Alarm must be field set to the desired dBa sound output level and alarm tone before installation. This is done by adjusting a four position switch in accordance with these instructions. Incorrect settings will result in improper performance.

⚠ **WARNING** MAKE SURE THAT ALL FUSES USED ON SIGNALING CIRCUITS ARE RATED TO HANDLE THE MAXIMUM INRUSH OR PEAK CURRENT FROM ALL APPLIANCES ON THOSE CIRCUITS. FAILURE TO DO THIS MAY RESULT IN LOSS OF POWER TO THE SIGNALING CIRCUIT AND THE FAILURE OF ALL APPLIANCES ON THAT CIRCUIT TO OPERATE.

The CU Alarm produce a brief inrush current that lasts for just 50 microseconds at **a peak value of 5.0 Amps.**

⚠ **WARNING** IF 115VAC CU ALARMS ARE OPERATED WITHIN 15 INCHES OF A PERSON, THEY CAN PRODUCE A SOUND PRESSURE LEVEL THAT EXCEEDS THE MAXIMUM 120 dBA PERMITTED BY ADA AND OSHA RULES. EXPOSURE TO SUCH SOUND LEVELS CAN RESULT IN HEARING DAMAGE.

⚠ **CAUTION** If sheathed multiconductor cable or 3/4" conduit fittings are used, check that installed CU Alarm has sufficient clearance and wiring room prior to installing electrical boxes and conduit.

TABLE 1: dBA RATINGS

Tone	dBA Reverberant at 10 feet	
	High	Standard
Horn	88	82
Bell	82	75
March Time Horn	85	79
Code-3 Horn*	85	75
Code-3 Tone*	79	75
Slow Whoop	88	82
Siren	85	82
Hi/Lo	82	79

*See Table 2 below "Alarm Tones"

TABLE 2: ALARM TONES

Tone	Pettern
Horn	Broadband Horn (Continuous) (Factory Setting)
Bell	1560 Hz Modulated (0.07 Sec. ON/Repeat)
March Time Horn	Horn (0.25 Sec. ON/00.25 Sec. OFF/Repeat)
Code-3 Horn*	Horn (ANSI S3.41 Temporal Pattern)
Code-3 Tone*	500 Hz (ANSI S3.41 Temporal Pattern)
Slow Whoop	500-1200 Hz Sweep (4.0 Sec. ON/0.5 Sec. OFF/Repeat)
Siren	600-1200 Hz Sweep (1.0 Sec. ON/Repeat)
Hi/Lo	1000/800 Hz (0.25 Sec. ON/Alternate)

* NOTE: The Code-3 Horn and Code-3 Tone (set on HIGH dBA) incorporate the temporal pattern specified by ANSI/NFPA for standard emergency evacuation signaling. They should be used only for fire evacuation signaling and not for any other purpose.

IMPORTANT NOTE: All electrical wiring is to be installed by a qualified, licensed electrician in accordance with National and local electrical codes. Review local codes for mounting location as required. Refer to PUR 100452 for complete wiring diagram and installation/operation instructions.

NOTE: FOR ILLUSTRATIVE PURPOSES ONLY.
IMPORTANT: See Mr.Steam® CU Alarm Installation, Operation andMaintenance Manual, PUR 100452 for details.

Click here to download this manual: http://mrsteam.com/products/technical-downloads.html