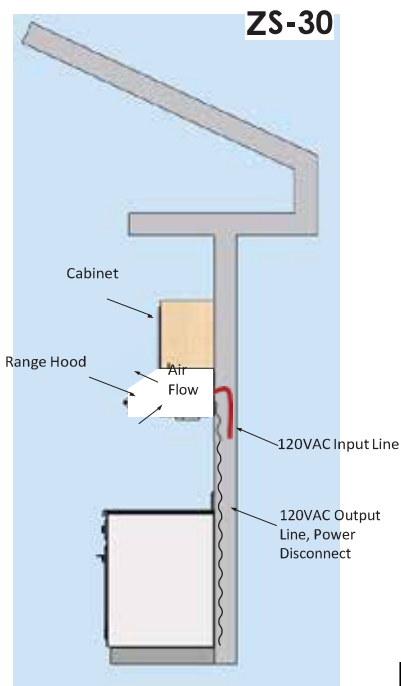
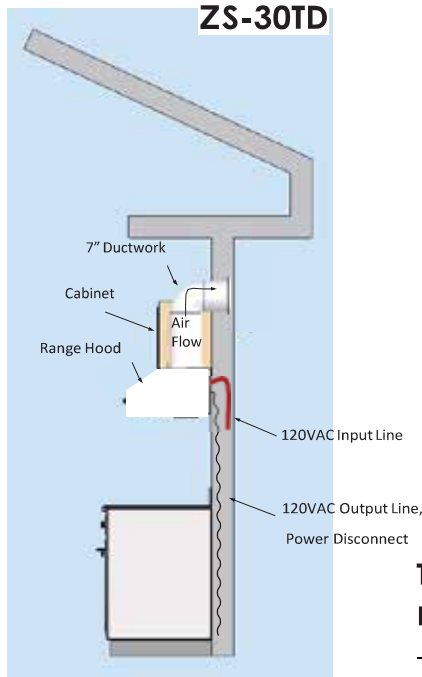


The Designer Series

Model: **ZS-30 & ZS-30TD**
Spec & Submittal
Version 2.0



SPECIFICATIONS

Volts	120VAC
Hz	60
Amps	2
Fan Control	2 Speed (hi/low)
Light Bulb	45W halogen
Typ. cfm	+/- 200
Electric disconnect (optional)	50A-208VAC Relay
Gas disconnect (optional)	120VAC Solenoid

TYPICAL SPECIFICATIONS

Hood shall:

- Be of **ZVS Fire Protection Designer Series**;
- Be of under cabinet or wall mount;
- Be of spot welded steel construction, with hemmed edges and a powder coated or stainless steel finish;
- Be recirculating, front vented with activated carbon filter unless ducted calibration (TD) is required;
- Have a 2 speed fan with air delivery of approximately 200 CFM;
- Include preinstalled automatic fire suppression system;
- Have suppression activation by fast response mechanical links, 250°F;
- Have extinguishing agent to be wet chemical potassium citrate or Potassium acetate solution in a pressurized cylinder;
- Be ETL listed to UL300A and UL507 test standards;
- Be mounted so that the underside of the unit sits 18"-26" above the stove top;
- Include internal audible buzzer (90 dba), activated upon system discharge;
- Include fire alarm interface to communicate to fire alarm, activated upon suppression system discharge;
- Include power disconnect (electric, gas or dual element), activated upon suppression system discharge.

Standard Options*:

MPK - Manual Pull Station Kit

ADA - Handicap Accessible Control Box

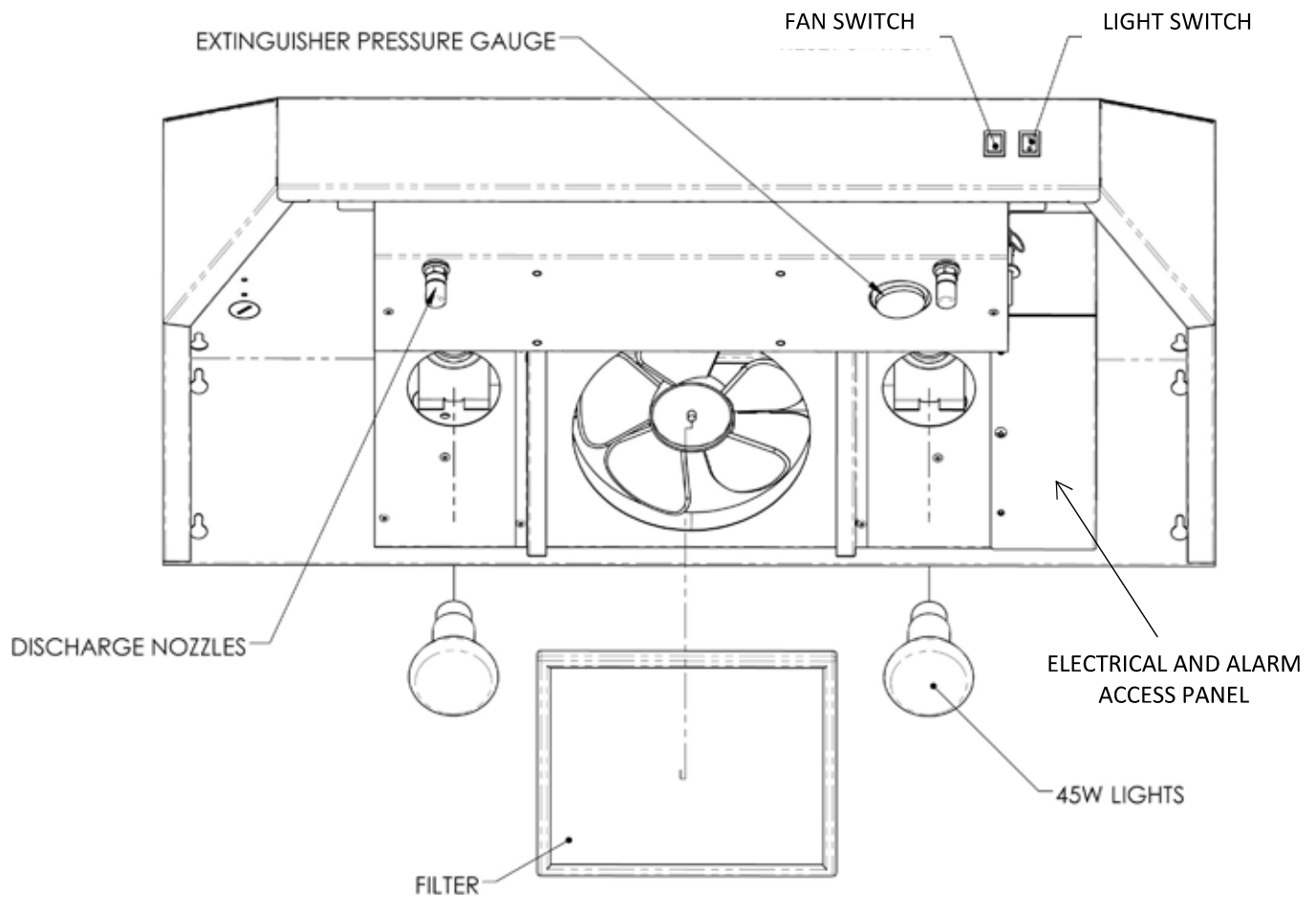
CLBX - THE CLOCKBOX (Password Protected, Range Element Timer)

Standard Color is Appliance White

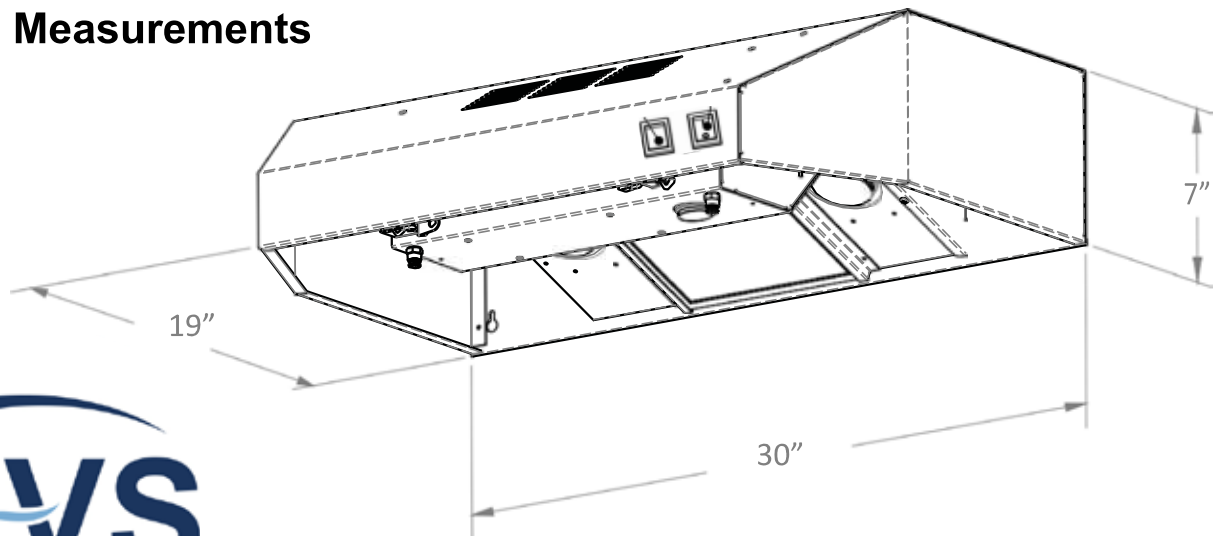
Additional Color Options: BLK - Black Finish, BSQ - Bisque Finish, SS - Stainless Steel



System Anatomy:: ZS-30 & ZS-30TD



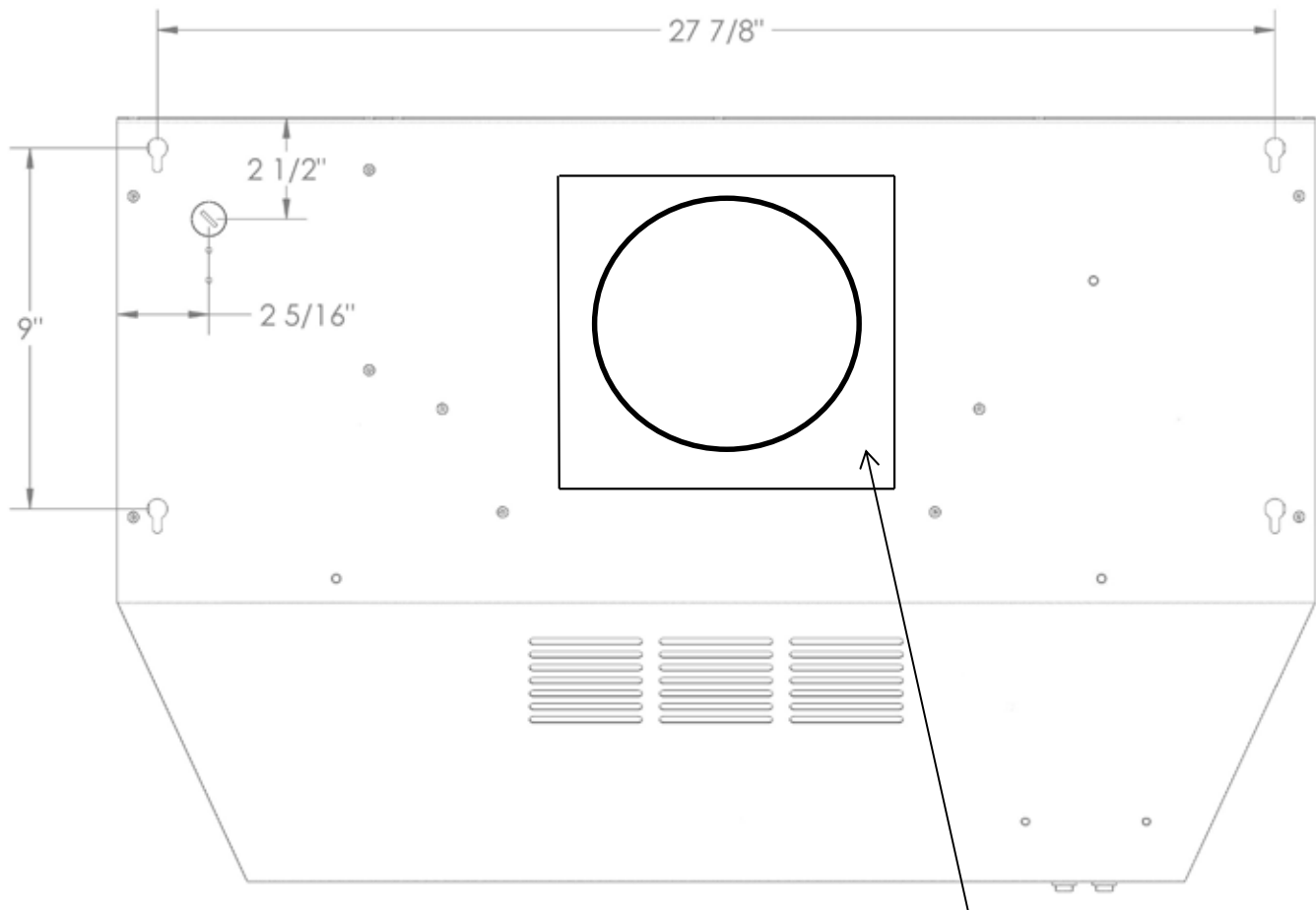
External Measurements



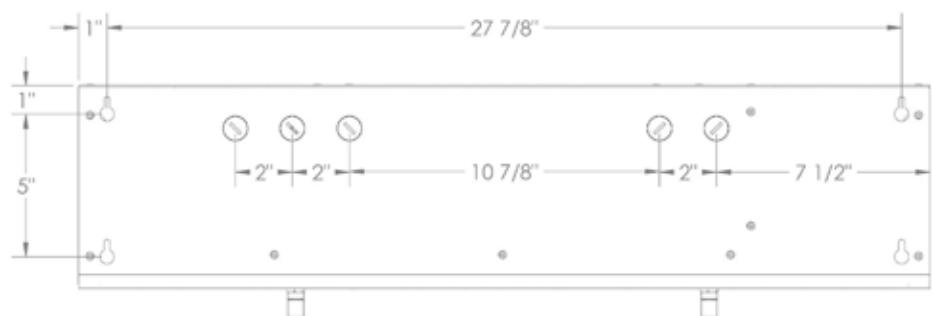
The Designer Series

Model: **ZS-30 & ZS-30TD**
Spec & Submittal
Version 2.0

Connections & Installation Specs



7" Diameter for TD option
Note: Opening is only present on the TD option, not on the recirculating option



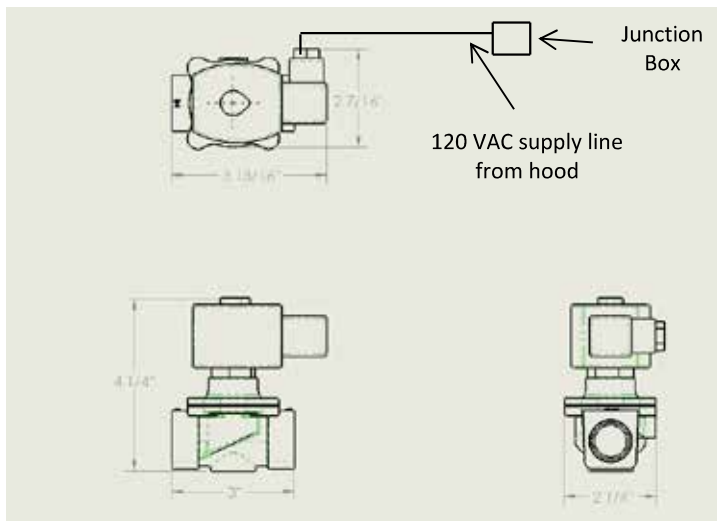
The Designer Series

Model: **ZS-30 & ZS-30TD**
 Spec & Submittal
 Version 2.0

ZS-G: Controlled Gas Solenoid Valve

Included:

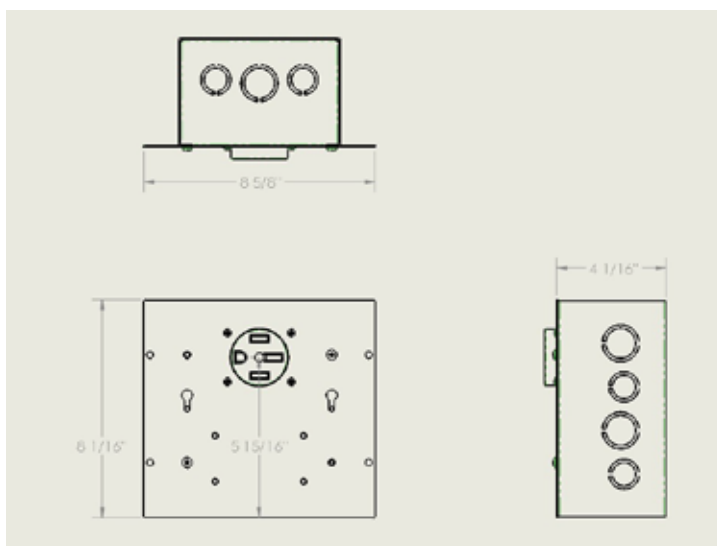
2-3 feet cable with junction



ZS-E: Electric Range Element Disconnect

Needed:

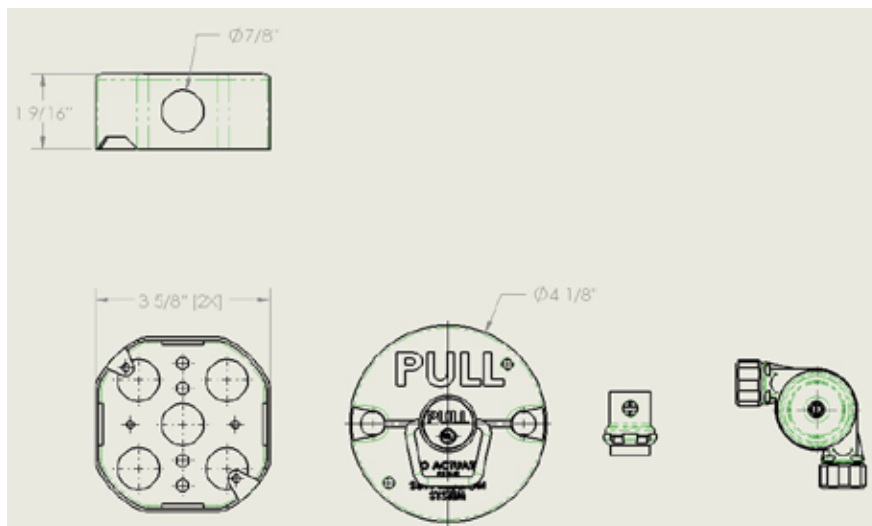
6 feet shielded control wire



*ZS-MPK: Manual Pull Station Kit

Included:

18 feet wire rope cable
3 corner pulleys



* Indicates OPTIONAL component

4

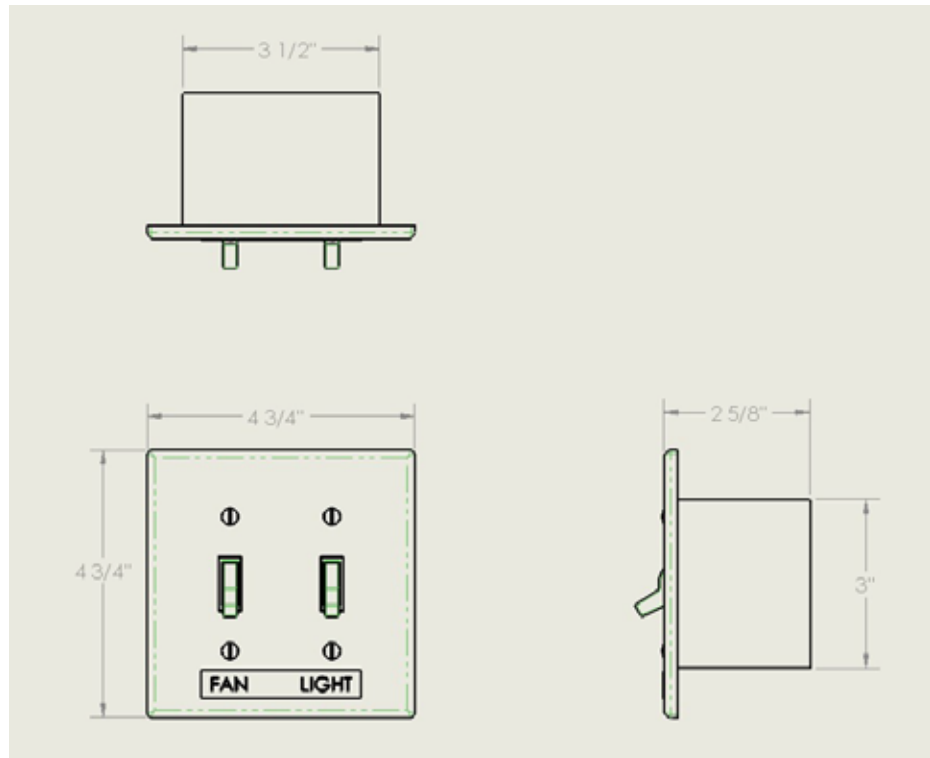
The Designer Series

Model: **ZS-30** & **ZS-30TD**
Spec & Submittal
Version 2.0

*ZS-ADA: Handicap Accessible Control Box

Included:

8 feet MC wire
-Plug & Play connection

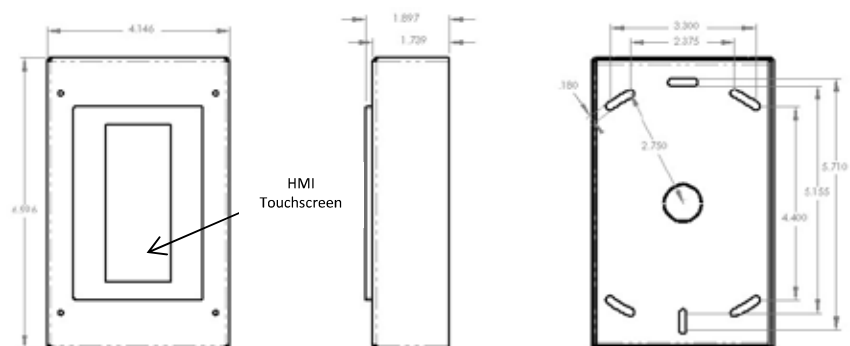


*ZS-CLBX: CLOCKBOX Range element Timer / Password Protected System

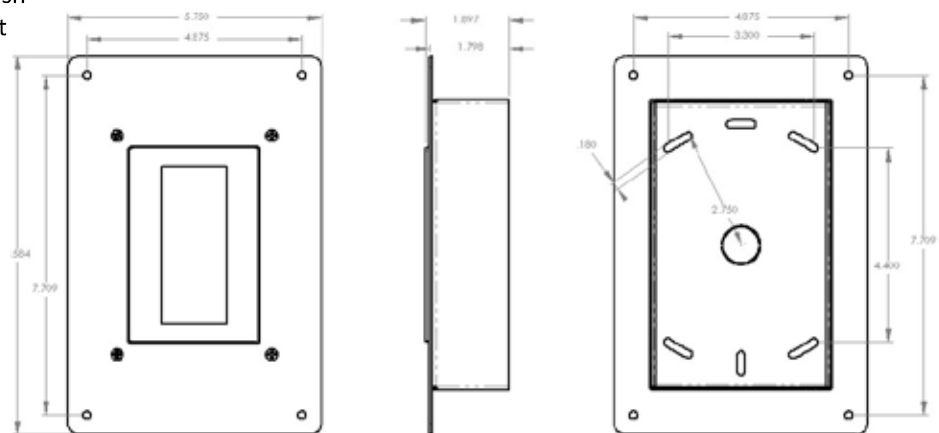
Included:

20 feet shielded
communication cable

Wall Surface
Mount



Wall Flush
Mount



* Indicates OPTIONAL component

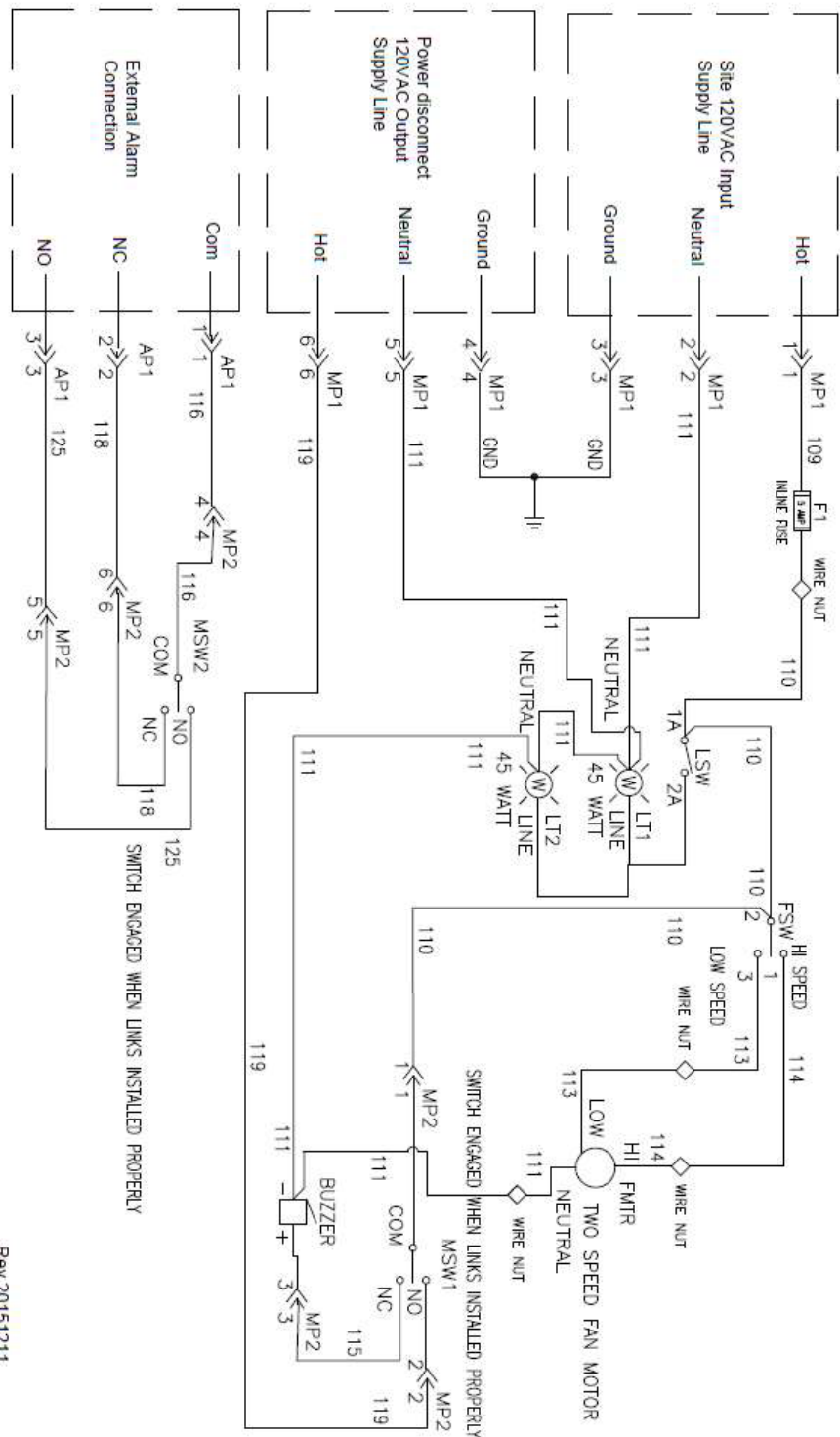
5

The Designer Series

Model: ZS-30 & ZS-30TD
Spec & Submittal
Version 2.0

Wiring Diagram

Schematic ID	Component Name	Component Location
F1	Fuse 1	Behind the Left side access panel
MP1	Main Plug 1	Behind the Left side access panel
MP2	Main Plug 2	In the Tank Assembly
AP1	Alarm Plug 1	Behind the Left side access panel
FSW	Fan Speed Switch	Front of the Hood
LSW	Light Switch	Front of the Hood
LT1	Light 1	In the Light Housing Assembly the left light socket
LT2	Light 2	In the Light Housing Assembly the right light socket
MSW1	Micro Switch 1	In the Tank Assembly next to the Actuator Arm
MSW2	Micro Switch 2	In the Tank Assembly next to the Actuator Arm
FMTR	Fan Motor	Under the air filter in the Light Housing Assembly
BUZZER	Audible Buzzer	In the Light Housing assembly



Rev 20151211

