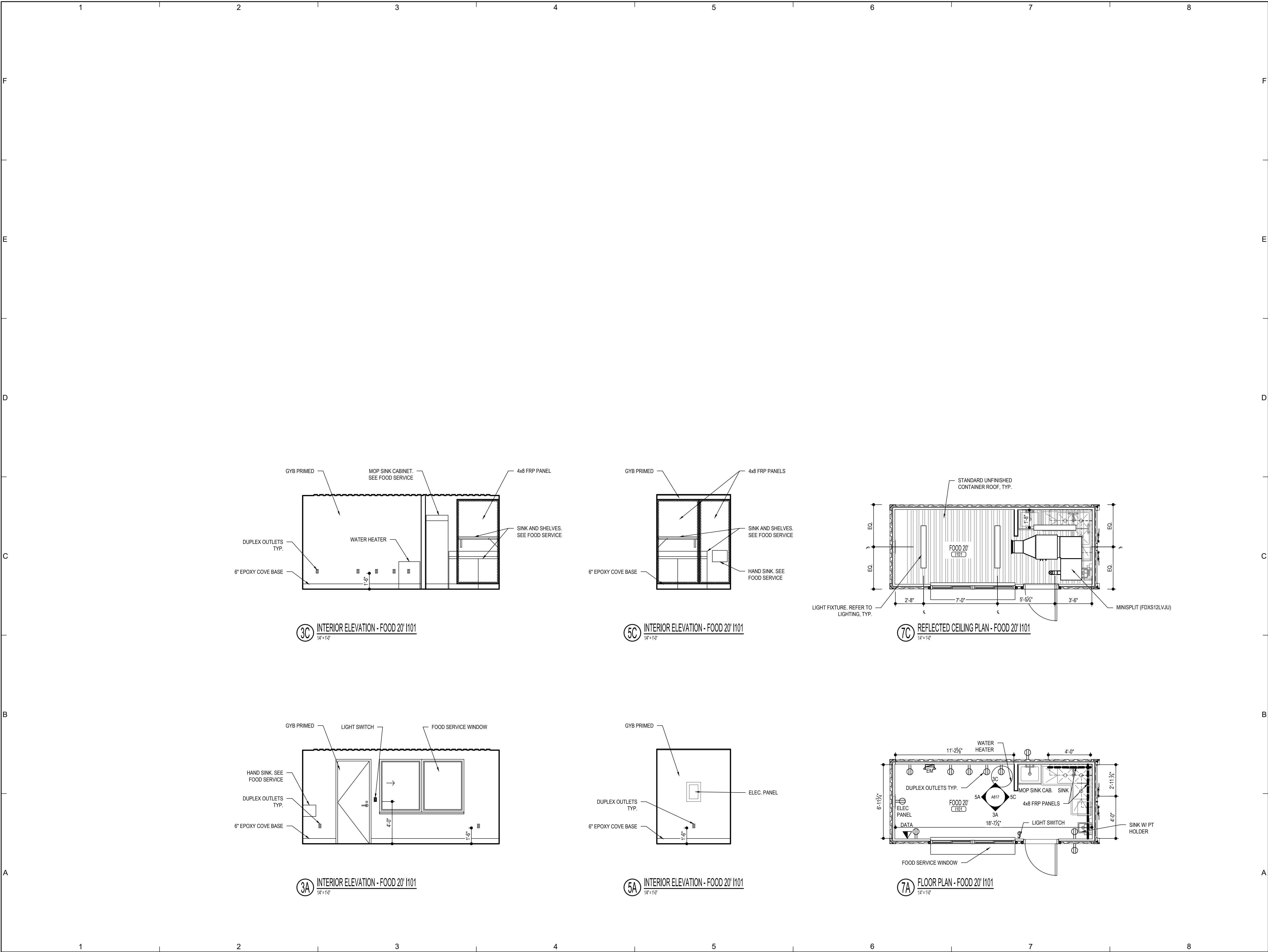
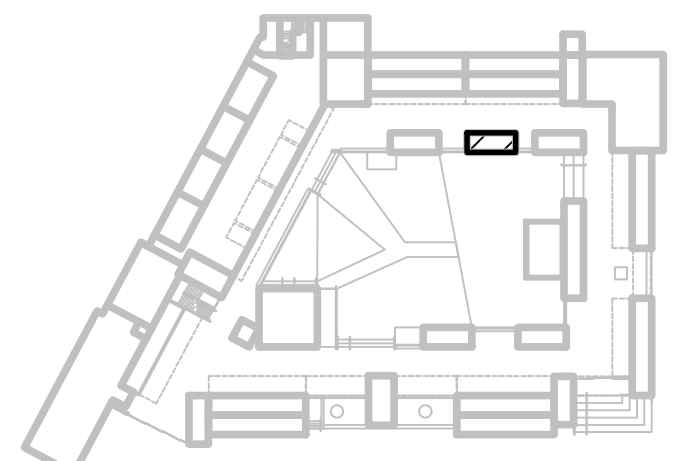


7/2/2024, 12:25 PM PROJECT: 2103 - PLAZA AT ENCHANTED HILLS FILE: A817 FOOD 20' BUILDING



## GENERAL NOTES

- INTERIOR AREA DIMENSIONS ARE SHOWN TO FACE OF FINISHED WALL.



IF THIS SHEET IS NOT 24"x36" THEN THE DRAWINGS ON IT ARE NOT TO SCALE

FOR REFERENCE USE ONLY

**autotroph**  
architecture.planning.sustainable design consulting

| No. | Description | Date |
|-----|-------------|------|
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |
|     |             |      |

**THE BLOCK**  
@ Enchanted Hills

RIO RANCHO, NEW MEXICO

FOOD 20' 1101

Project Number 2103  
Date 7/2/2024

**A817**

# LIGHT FIXTURES



FEATURES & SPECIFICATIONS

**INTENDED USE** — The CLX is a linear lighting solution that is available in multiple lengths, lumen packages and distributions. Designed for versatility, the CLX can address virtually any indoor lighting need. The CLX is also offered in standard and high efficacy configurations and capable of being continuous row mounted or installed as a stand-alone fixture. Ideal for uplight and downlight in commercial, retail, manufacturing, warehouse, and display applications. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

**CONSTRUCTION** — Channel and cover are formed from code-gauge cold-rolled steel. Housing and lens endcaps are injection molded plastic to provide a more architectural look and feel. The endcaps come standard with a 7/8" knock out for continuous mounting but can be ordered without.  
Finish: Paint options include high-gloss, baked white polyester (WH), galvanized (GALV), matte black (MB) and smoke gray (SKGY). Five-stage iron phosphate pre-treatment ensures superior paint adhesion and rust resistance.

**OPTICS** — Offered with acrylic lens and less lens configurations. Provides a choice of optical distributions including, wide, narrow, and aisle.  
Models with wide diffuse lens provide up to 12% uplight. Please check the IES file for specific uplight value.

**ELECTRICAL** — Utilizes high-output LEDs integrated on a two-layer circuit board, ensuring cool-running operation. Optional internal pluggable wiring harness for reduced labor cost in row mounting applications. (See PLR\_ordering information on page 14.) Electronic LED driver is multi-volt input and 0-10V dimming standard (see Operational Data on page 6 for actual wattage consumption). This fixture is designed to withstand a maximum line surge of 2.5kV at 0.75kA combination wave for indoor locations, for applications requiring higher level of protection additional surge protection must be provided.

L70>100,000 hours at 25 °C.  
LEDs provide nominal 80 CRI or 90 CRI at 3000 K, 3500 K, 4000 K, or 5000 K.  
Lumen output up to 2,500 lumens per foot.

**INSTALLATION** — Fixture may be ceiling or wall mounted (with or without THCLX hanger or angle mounted with CLXANGBRT), pendant or stem mounted with appropriate mounting options.

**WARNING** — Removing the lens and opening the fixture during installation exposes the LEDs, putting them at risk for damage.

If you plan to surface mount the fixture, we recommend using the THCLX. This eliminates the need to open the fixture.

If you plan to continuous row mount, we recommend using the PLR wiring harness option. This eliminates the need to open the fixture.

Damage to the LEDs caused during installation will not be covered under the warranty.

**LISTINGS** — CSA certified to US and Canadian safety standards. For use in damp locations between -4°F (-20°C) and 104°F (40°C). Optional High Ambient (HA) ranging to 122°F(50°C) available on certain lumen packages (See ambient temperature chart for additional information).  
DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**BUY AMERICAN ACT** — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.  
All values are design or typical values, measured under laboratory conditions at 25 °C.  
Specifications subject to change without notice.

Stock configurations are offered for shorter lead times:

| Stock Part Number                               | UPC            |
|-------------------------------------------------|----------------|
| CLX L48 3000LM SEF FDL MVOLT GZ10 40K 80CRI WH  | 00191723525816 |
| CLX L48 3000LM SEF FDL MVOLT GZ10 50K 80CRI WH  | 00191723525885 |
| CLX L48 5000LM SEF FDL MVOLT GZ10 40K 80CRI WH  | 00191723525939 |
| CLX L48 5000LM SEF FDL MVOLT GZ10 50K 80CRI WH  | 00191723525908 |
| CLX L96 6000LM SEF FDL MVOLT GZ10 40K 80CRI WH  | 00191723525861 |
| CLX L96 6000LM SEF FDL MVOLT GZ10 50K 80CRI WH  | 00191723525915 |
| CLX L96 10000LM SEF FDL MVOLT GZ10 40K 80CRI WH | 00191723525922 |
| CLX L96 10000LM SEF FDL MVOLT GZ10 50K 80CRI WH | 00191723525830 |
| CLX L48 3000LM SEF RDL MVOLT GZ10 40K 80CRI WH  | 00191723525960 |
| CLX L48 3000LM SEF RDL MVOLT GZ10 50K 80CRI WH  | 00191723525892 |
| CLX L48 5000LM SEF RDL MVOLT GZ10 40K 80CRI WH  | 00191723525854 |
| CLX L48 5000LM SEF RDL MVOLT GZ10 50K 80CRI WH  | 00191723525946 |
| CLX L96 6000LM SEF RDL MVOLT GZ10 40K 80CRI WH  | 00191723525878 |
| CLX L96 6000LM SEF RDL MVOLT GZ10 50K 80CRI WH  | 00191723525823 |
| CLX L96 10000LM SEF RDL MVOLT GZ10 40K 80CRI WH | 00191723525953 |
| CLX L96 10000LM SEF RDL MVOLT GZ10 50K 80CRI WH | 00191723525847 |

LED Linear

CLX

24", 36", 48" and 96" Lengths

Flat Diffuse Lens

Round Diffuse Lens

Wide Diffuse Lens

CLX with Reflector



Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks marked by a [shaded background](#)\*

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

\*See ordering tree for details

CLX LED Linear

**ORDERING INFORMATION** Lead times will vary depending on options selected. Consult with your sales representative. **Example:** CLX L48 5000LM SEF WDL MVOLT GZ10 40K 80CRI WH

| Series         | Length    | Nominal lumens          | Performance package       | Louvers                                    | Lens                |
|----------------|-----------|-------------------------|---------------------------|--------------------------------------------|---------------------|
| CLX LED linear | L24 24" ✚ | 1500LM 1,500 lumens     | SEF Standard efficiency ✚ | (Blank) Less louver                        | L/Lens Less lens    |
|                |           | 2000LM 2,000 lumens     | HEF Premium efficiency ✚  | SBLW Straight blade louver, white ✚        | FDL Flat diffuse ✚  |
|                |           | 2500LM 2,500 lumens     |                           | SBLMB Straight blade louver, matte black ✚ | RDL Round diffuse ✚ |
|                |           | 3500LM 3,500 lumens     |                           | SBLGV Straight blade louver, galvanized ✚  | WDL Wide diffuse ✚  |
|                |           | 4500LM 4,500 lumens     |                           | SBLSGY Straight blade louver, smoke gray ✚ |                     |
|                | L36 36" ✚ | 2250LM 2,250 lumens     |                           |                                            |                     |
|                |           | 3000LM 3,000 lumens     |                           |                                            |                     |
|                |           | 3750LM 3,750 lumens     |                           |                                            |                     |
|                |           | 5250LM 5,250 lumens     |                           |                                            |                     |
|                |           | 6750LM 6,750 lumens     |                           |                                            |                     |
|                | L48 48" ✚ | 7500LM 7,500 lumens ✚   |                           |                                            |                     |
|                |           | 3000LM 3,000 lumens     |                           |                                            |                     |
|                |           | 4000LM 4,000 lumens     |                           |                                            |                     |
|                |           | 5000LM 5,000 lumens     |                           |                                            |                     |
|                |           | 7000LM 7,000 lumens ✚   |                           |                                            |                     |
|                | L96 96" ✚ | 9000LM 9,000 lumens ✚   |                           |                                            |                     |
|                |           | 10000LM 10,000 lumens ✚ |                           |                                            |                     |
|                |           | 6000LM 6,000 lumens     |                           |                                            |                     |
|                |           | 8000LM 8,000 lumens     |                           |                                            |                     |
|                |           | 10000LM 10,000 lumens   |                           |                                            |                     |
|                |           | 14000LM 14,000 lumens ✚ |                           |                                            |                     |
|                |           | 18000LM 18,000 lumens ✚ |                           |                                            |                     |
|                |           | 20000LM 20,000 lumens ✚ |                           |                                            |                     |
|                |           |                         |                           |                                            |                     |
|                |           |                         |                           |                                            |                     |

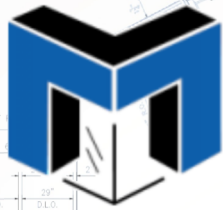
| Distribution                | Voltage          | Driver ✚                          | Glare Reflector                                  | Color temperature | Coloring rendering index |
|-----------------------------|------------------|-----------------------------------|--------------------------------------------------|-------------------|--------------------------|
| (Blank) General             | MVOLT 120-277V ✚ | GZ1 Generic 0-10V, dims to 1% ✚   | (blank) No reflectors                            | 30K 3000 K        | 80CRI 80 CRI             |
| ND Narrow ✚                 | 120 120V         | GZ10 Generic 0-10V, dims to 10% ✚ | LUGR Reflectors for additional glare reduction ✚ | 35K 3500 K        | 90CRI 90 CRI             |
| WD Wide ✚                   | 208 208V ✚       | EZ1 eldoLED 0-10V, dims to 1% ✚   |                                                  | 40K 4000 K        |                          |
| AD2 Aisle, 24" off center ✚ | 240 240V ✚       |                                   |                                                  | 50K 5000 K        |                          |

| Options                                                                                                                    | Finish                                    |
|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| PS1050 Emergency battery pack, 10W, CA Title 20 Noncompliant ✚                                                             | WH White                                  |
| E10WLCP Emergency battery pack, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS ✚                               | GALVW Galvanized with white lens end caps |
| BGTD Generator transfer device, not available with PS1050 ✚                                                                | GALVB Galvanized with black lens end caps |
| OCS 5', 18/3 Reloc selectable One Pass cable (fixture will bear dry location label) ✚                                      | MB Matte black                            |
| HA High ambient, for use in ambient temperatures up to 50°C ✚                                                              | SKGYW Smoke gray with white lens end caps |
| EPNKO Decorative endplate, no knock out ✚                                                                                  | SKGYB Smoke gray with black lens end caps |
| OUTCTR Wiring leads pulled through back center of fixture ✚                                                                |                                           |
| OUTEND Wiring leads pulled through end of fixture ✚                                                                        |                                           |
| <u>Cord Sets:</u>                                                                                                          |                                           |
| CS1W 6' Straight blade plug, 120V ✚                                                                                        |                                           |
| CS3W NEMA twist-lock plug, 120V ✚                                                                                          |                                           |
| CS7W Straight blade plug, 277V ✚                                                                                           |                                           |
| CS11W NEMA twist-lock plug, 277V ✚                                                                                         |                                           |
| CS25W NEMA twist-lock plug, 347V ✚                                                                                         |                                           |
| CS97W NEMA twist-lock plug, 480V ✚                                                                                         |                                           |
| CS93W 600V SEOWW white cord, no plug (no voltage required)                                                                 |                                           |
| CS6WG16STOWDSD 6' white cord, 16/5, no plug, includes low voltage dimming wires (no voltage required) ✚                    |                                           |
| PLR___ Plug-in wiring, see page 14 for ordering information                                                                |                                           |
| PLR1LVG Plug-in wiring, low voltage dimming ✚                                                                              |                                           |
| RRL___ RELOC®-ready luminaire. See page 14 for ordering information                                                        |                                           |
| SPD Surge protection device, provides up to 6kV protection ✚                                                               |                                           |
| BAA Buy America(n) Act Compliant                                                                                           |                                           |
| nLight® Wireless: ✚                                                                                                        |                                           |
| NLTAIR2 RES7 nLight® Generation 2 enabled PIR integral occupancy sensor with automatic dimming photocell                   |                                           |
| NLTAIR2 RES7PDT nLight AIR Generation 2 enabled dual technology integral occupancy sensor with automatic dimming photocell |                                           |
| NLTAIR2 RIO No sensor control                                                                                              |                                           |
| nLight® Wired: ✚                                                                                                           |                                           |
| N100 nLight® without lumen management                                                                                      |                                           |
| N100EMG nLight® without lumen management For use with generator supply EM power ✚                                          |                                           |
| NES7 nLight® nES 7 PIR integral occupancy sensor ✚                                                                         |                                           |
| NESPDT7 nLight® nES PDT 7 dual technology integral occupancy control ✚                                                     |                                           |
| NES7ADCX nLight® nES 7 ADCX PIR integral occupancy sensor with automatic dimming photocell ✚                               |                                           |
| NESPDT7ADCX nLight® nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell ✚                 |                                           |
| <u>Individual controls:</u> ✚                                                                                              |                                           |
| MSD7 PIR integral occupancy sensor                                                                                         |                                           |
| MSDPDT7 PDT 7 dual technology integral occupancy control                                                                   |                                           |
| MSD7ADC PIR integral occupancy sensor with automatic dimming control photocell                                             |                                           |
| MSDPDT7ADC PDT integral occupancy sensor with automatic dimming control photocell                                          |                                           |

See Accessories and footnotes on next page



# FOOD SERVICE WINDOW



**MANKO**  
WINDOW SYSTEMS INC.  
[www.mankowindows.com](http://www.mankowindows.com)

# 6035

## FIXED ■ SLIDING WINDOW

This heavy duty window system was designed for horizontal ventilation. The 6035 series has been tested to AAMA Heavy Commercial (HC) Window standards, and carries NFRC 100, 200, and 500 certification. The main frame depth is 3 1/2" overall. Main frame and operating sash construction is mortise and tenon joinery with dual integral screw races. All operable sash are dual weather stripped, and can be removed from the interior without the use of special tools. Integral pull handles with spring loaded snap locks are standard. Cam action sweep locks are available. Rollers are stainless steel. Perimeter receptor systems and a full range of panning and snap trims are also available. Square interior removable glazing stops accommodate 1" glazing infills set in structural silicone. A two part polyurethane pour and debridged structural thermal barrier maximizes thermal performance.



⇒ Thermally Broken

**F** ⇒ Frame Depth of 3-1/2"

**E** ⇒ Single or double sliding configurations (XX, OX, XO)

**A** ⇒ Preglazed at Factory

⇒ Equal leg frames

**T** ⇒ Removeable operable sash

⇒ Available in anodized finishes

**U** ⇒ Available in full range of painted finishes

**R** ⇒ Extruded screen frames

**E** ⇒ Custom configurations with standard details

**S** ⇒ Interior Snap Trims

⇒ Manufactured with 6063-T5 and 6063-T6 Aluminum Alloys

# 6035

## AAMA PERFORMANCE RESULTS

|                   | AAMA Performance Rating | Air Infiltration @6.24psf     | Water (psf) | Design Pressure | Structural Overload Pressure |
|-------------------|-------------------------|-------------------------------|-------------|-----------------|------------------------------|
| Fixed             | AW-PG100-F              | $\leq .1$ cfm/ft <sup>2</sup> | 12.0psf     | 100psf          | 150psf                       |
| Horizontal Slider | CW-PG65-HS              | $\leq .3$ cfm/ft <sup>2</sup> | 10.0psf     | 65psf           | 97psf                        |

## Glazing Infill Options

|           | 1/4" | 1" |
|-----------|------|----|
| Insulated | O    | S* |

\*Hermetically sealed blind units are available

## 6035 Series Hardware Options

|       | Tandem Stainless Steel 3/4" Rollers | Field Adjustable Rollers | Stainless Steel Roller Track Gap | Integral Continuous Pull Handle | Head Mounted Limit Stops | Spring Loaded Automatic Jamb Locks | Single White Bronze Cam Actions Sweep Lock | Dual White Bronze Cam Actions Sweep Lock |
|-------|-------------------------------------|--------------------------|----------------------------------|---------------------------------|--------------------------|------------------------------------|--------------------------------------------|------------------------------------------|
| XO/OX | S                                   | S                        | O                                | S                               | O                        | S                                  | O                                          | O                                        |
| XOX   | S                                   | S                        | O                                | S                               | O                        | S                                  | O                                          | O                                        |

S= Standard Hardware      O=Optional Hardware

## Whole Window U-Value (BTU/H·FT<sup>2</sup>)

| COG U-Value | Whole Window U-Value Per NFRC-100 |                    |
|-------------|-----------------------------------|--------------------|
|             | Fixed                             | Horizontal Sliding |
| 0.41        | 0.49                              | 0.61               |
| 0.38        | 0.46                              | 0.59               |
| 0.35        | 0.44                              | 0.57               |
| 0.32        | 0.41                              | 0.55               |
| 0.29        | 0.38                              | 0.53               |
| 0.26        | 0.36                              | 0.50               |
| 0.23        | 0.33                              | 0.48               |
| 0.20        | 0.30                              | 0.46               |

All values shown are calculated with Manko standard Tri-Seal insulated units

## Sizing Capabilities for 6035 Series Windows (Frame Size)

|       | Width |     | Height |     | Max FT <sup>2</sup> |
|-------|-------|-----|--------|-----|---------------------|
|       | Min   | Max | Min    | Max |                     |
| Fixed | 12    | 84  | 12     | 80  | $\leq 38$           |
| XO/OX | 30    | 98  | 20     | 78  | $\leq 30$           |
| XOX   | 36    | 98  | 20     | 78  | $\leq 40$           |



**MANKO**  
WINDOW SYSTEMS INC.

**Denver**  
17500 E-22nd Ave.  
Aurora, CO 80011

**Manhattan - Corporate**  
800 Hayes Dr.  
Manhattan, KS 66502

**Des Moines**  
3001 McKinley Ave.  
Des Moines, IA 50321

# ***6035 Series***

## ***3-1/2" Heavy Commercial Horizontal Sliding Window***



***MANKO WINDOW SYSTEMS, INC.  
800 HAYES DRIVE  
MANHATTAN, KANSAS 66502  
PHONE: (800) 642-1488 (785) 776-9643  
FAX: (800) 576-2656 (785) 776-9644***

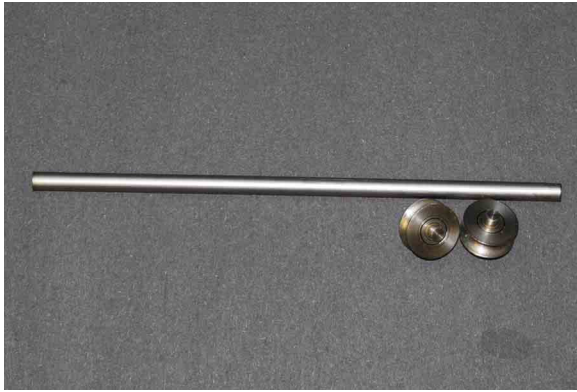
***MANKO WINDOW SYSTEMS, INC.  
11000 EAST 51<sup>ST</sup> AVE. SUITE B  
DENVER, COLORADO 80239  
PHONE: (888) 642-1488 (303) 375-0642  
FAX: (888) 576-2656 (303) 375-0669***

***MANKO WINDOW SYSTEMS, INC.  
3001 MCKINLEY AVE.  
DES MOINES, IA 50321  
PHONE: (888) 642-1488 (515) 288-7427  
FAX: (888) 576-2656 (515) 288-6968***





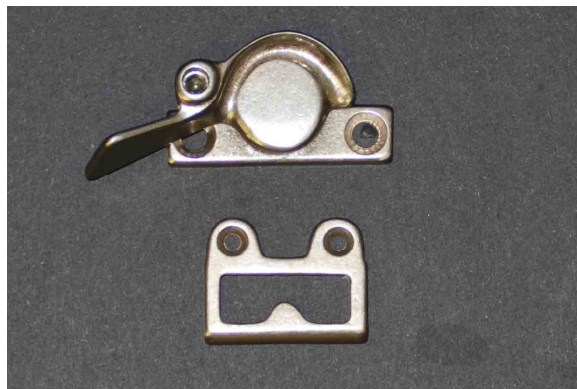
## ***Heavy Commercial Horizontal Sliding Window Hardware***



**Tandem Stainless Steel 3/4" Rollers and Stainless Steel Roller Cap Track**



**Cam Action Sweep Latches with Strike**



**Custodial Lock-Released Sweep Latches with Strike**



**Automatic Spring-loaded Jamb Lock**



**Pull Handles**

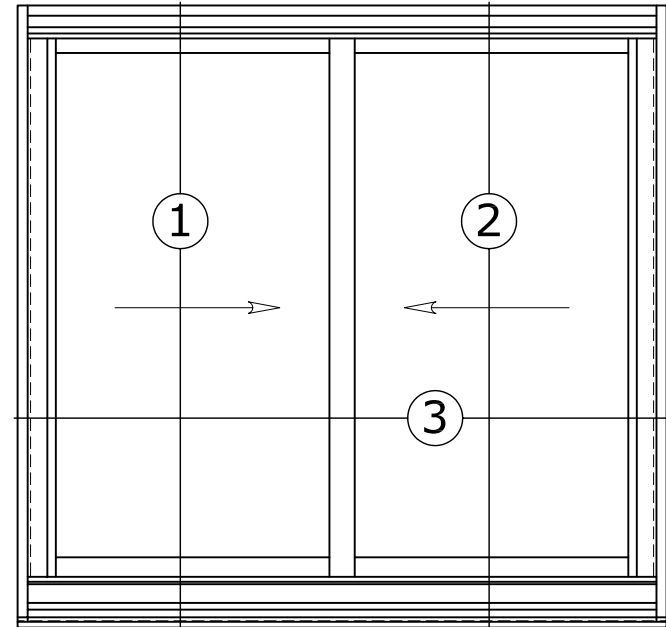
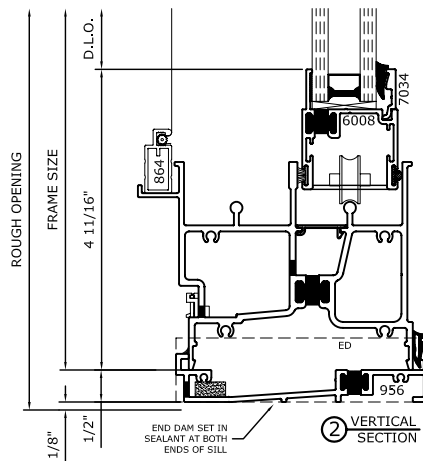
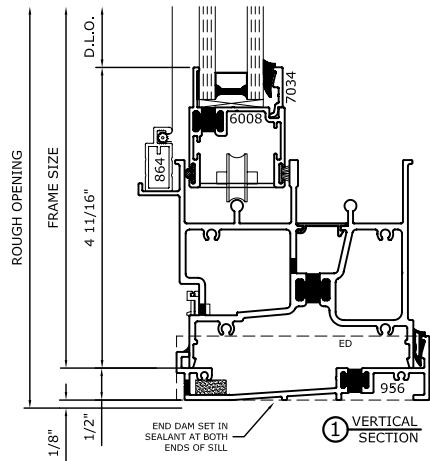
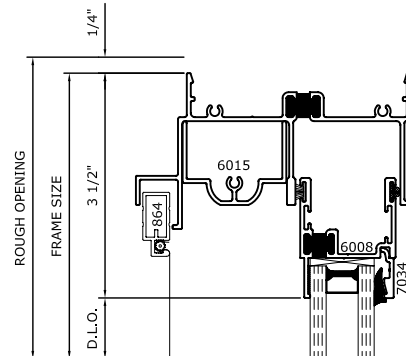
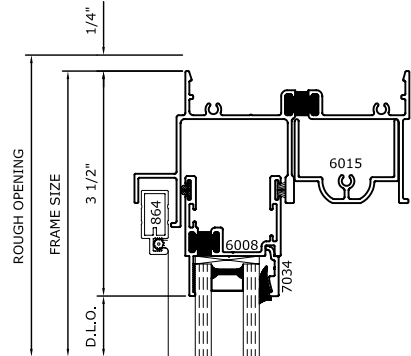
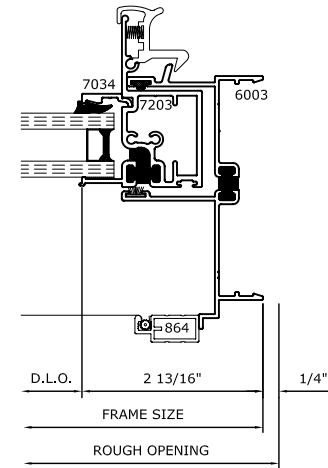
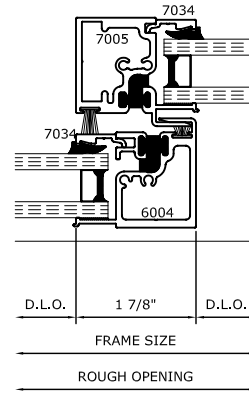
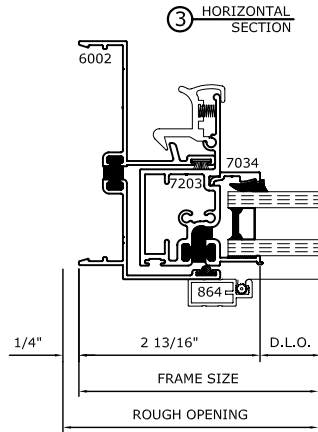


**Limit Stops**



# 6035 SLIDER

HC55 (XX)



# FOOD SERVICE EQUIPMENT

| Item  | Qty  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <hr/> |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| I     |      | <b>BUILDING I</b><br>Room I101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <hr/> |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| I1    | 1 ea | <b>MOP SINK CABINET</b><br> <p>Custom Equipment Fabricators Model No. 9-OPC-84<br/>Cabinet with Mop Sink, 25-3/16"W x 22-3/4"D x 84"H, mop sink base with drain (bowl 16" x 20" x 12"), left hinged door, (2) mop holders, (1) fixed intermediate shelf, slotted side panels for ventilation, 16/304 series stainless steel sink bowl, 18/304 series stainless steel sink bowl apron, 18/430 series stainless steel cabinet, NSF (right hinged door available on request)</p> <p>1 ea K-94-BACK Back panel for mop sink cabinet, type 430 stainless steel<br/>1 ea TA-48 12" x 12" cut out for plumbing in back panel or undershelf</p>            |
| I2    | 1 ea | <b>SERVICE FAUCET</b><br> <p>T&amp;S Brass Model No. B-0665-BSTR<br/>Service Sink Faucet, 8" centers, 2-3/8" clearance from wall to center of faucet, 8-7/8" from wall to center of outlet, rough chrome-plated finish, vacuum breaker nozzle with 3/4" garden hose thread &amp; pail hook, built in screwdriver stops</p>                                                                                                                                                                                                                                                                                                                       |
| I3    | 1 ea | <b>CORNER SINK, (3) THREE COMPARTMENT</b><br> <p>Custom Equipment Fabricators Model No. FC-K6-18D<br/>Fabricated NSF Corner Sink, 3-compartment L shaped, 18" right &amp; left drainboards, bowl size 18" x 18" x 14" deep, 16 gauge 304 stainless steel, tile edge splash, rolled edge, faucet holes on 8" centers, stainless steel legs with adjustable cross-bracing, 1" adjustable stainless steel bullet feet, NSF, overall 24" F/B x 57" x 57" (requires 2 faucets)</p> <p>3 ea K-4 Support Bracket, for lever waste drain handle, (1) support required for each lever drain<br/>1 ea K-495 Turn Down Backsplash (includes wall clips)</p> |
| I4    | 1 ea | <b>MINI PRE-RINSE FAUCET ASSEMBLY</b><br> <p>T&amp;S Brass Model No. MPM-8WLN-12-SWV<br/>EasyInstall Mini Pre-Rinse Unit, wall mount mixing faucet with 8" adjustable centers, 12" swing nozzle (B-0107-J) with 1.07 GPM spray valve, quarter-turn Eterna cartridges with spring checks, lever handles with color coded indexes, 8" riser, 24" flexible stainless steel hose, 6" adjustable wall bracket, polished chrome-plated brass faucet body,</p>                                                                                                                                                                                          |



| Item | Qty  | Description                                                                                                                                                                                                                                                                                         |
|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | 1 kt | 1/2" NPT female inlets, low lead, NSF, CSA<br>B-0230-KIT Inlet Kit, 1/2" NPT nipple, close elbows, 24" flex supply hoses                                                                                                                                                                            |
| I4.1 | 1 ea | <b>WALL / SPLASH MOUNT FAUCET</b><br>T&S Brass Model No. B-0231<br>Sink Mixing Faucet, wall mount, 8" centers, 12" swing nozzle, lever handles, quarter-turn Eterna cartridges, 1/2" NPT female inlets, low lead, ADA Compliant                                                                     |
|      | 1 kt | B-0230-KIT Inlet Kit, 1/2" NPT nipple, close elbows, 24" flex supply hoses                                                                                                                                                                                                                          |
| I4.2 | 3 ea | <b>DRAIN, LEVER / TWIST WASTE</b><br>T&S Brass Model No. B-3950<br>Waste Valve, twist handle, 3-1/2" sink opening, 2" drain outlet with 1-1/2" adapter (replaces B-3912, B-3916)                                                                                                                    |
| I5   | 1 ea | <b>SHELVING, WALL MOUNTED</b><br>Custom Equipment Fabricators Model No. WS-12-36<br>Shelf, wall-mounted, 36"W x 12"D, 1-5/8" bullnose front edge, 1-1/2"H rear up-turn, 18/430 satin finish stainless steel, NSF                                                                                    |
|      | 1 ea | WS-12-48 Shelf, wall-mounted, 48"W x 12"D, 1-5/8" bullnose front edge, 1-1/2"H rear up-turn, 18/430 satin finish stainless steel, NSF                                                                                                                                                               |
| I6   | 1 ea | <b>GREASE TRAP</b><br>Not In Kitchen Equipment Contract<br>**Provided And Installed By Plumbing Contractor**                                                                                                                                                                                        |
| I7   | 1 ea | <b>HAND SINK</b><br>Advance Tabco Model No. 7-PS-EC-SPNF-X<br>Special Value Hand Sink with 7-3/4" side splashes, wall model, 14" wide x 10" front-to-back x 5" deep bowl, 304 stainless steel construction, 4" OC splash faucet holes (faucet not included), 1-1/2" basket drain, wall bracket, NSF |
|      | 1 ea | K-316 Faucet, 4" O.C, splash mounted with 3-1/2" gooseneck spout & wrist handles (4" long blades), lead free                                                                                                                                                                                        |
| I8   | 1 ea | <b>SOAP &amp; TOWEL DISPENSER</b><br>Not In Kitchen Equipment Contract<br>**Provided And Installed By Others**                                                                                                                                                                                      |

# MINISPLIT UNIT

|           |  |
|-----------|--|
| Job Name: |  |
| Tag#      |  |



## Submittal Data Sheet

## FDXS12LVJU

### 1-Ton Ducted Concealed Indoor Unit

ENGINEERS COMMENTS:  
NO EXCEPTION TAKEN



Complete warranty details available from your local dealer or at [www.daikincomfort.com](http://www.daikincomfort.com). To receive the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec. *If product is installed in a commercial application, limited warranty period is 5 years.*

### Electrical

\*208/230V

|                               | Cooling  | Heating |
|-------------------------------|----------|---------|
| Running Current (Rated) (A)   | .58/.52* | .58.52* |
| Power Consumption (Rated) (W) | 72/72*   | 72/72*  |

### Indoor Specifications

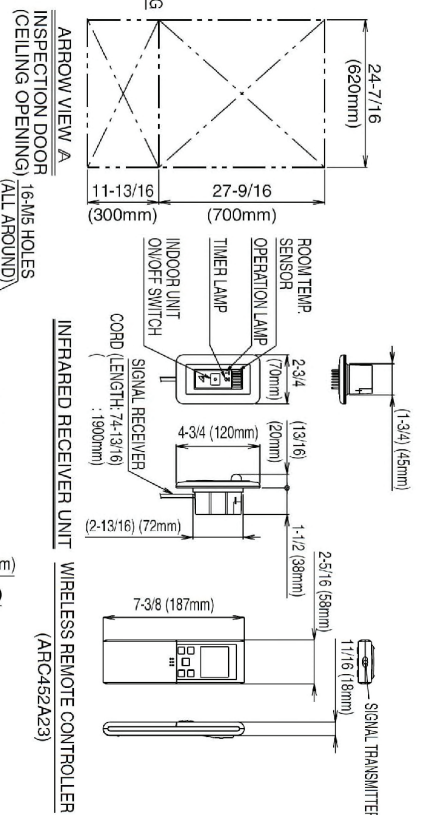
| Airflow Rate (cfm)          | Cooling      |                           | Heating      |     |
|-----------------------------|--------------|---------------------------|--------------|-----|
|                             | H            | M                         | H            | M   |
|                             | 305          | 280                       | 305          | 280 |
|                             | L            | SL                        | L            | SL  |
|                             | 260          | 235                       | 260          | 235 |
| Sound (dBA)<br>H / M / L    | 35 / 33 / 31 |                           | 35 / 33 / 31 |     |
| Dimensions (H x W x D) (in) |              | 7-7/8 x 27-9/16 x 24-7/16 |              |     |
| Weight (Lbs)                |              | 47                        |              |     |
| Nominal Capacity (Btu/hr)   |              | 12,000                    |              |     |

\*See Outdoor Unit for Rated Capacities

### Piping

|             |       |
|-------------|-------|
| Liquid (in) | 1/4   |
| Gas (in)    | 3/8   |
| Drain (in)  | 25/32 |

- ENGINEERS COMMENTS:
- NO EXCEPTION TAKEN



|        |                                 |                                                                                            |
|--------|---------------------------------|--------------------------------------------------------------------------------------------|
| 10     | PROTECTION NET                  |                                                                                            |
| 9      | AIR FILTER (ACCESSORY)          |                                                                                            |
| 8      | SUSPENSION BRACKET              |                                                                                            |
| 7      | POWER SUPPLY CONNECTION         |                                                                                            |
| 6      | INPAIRED RECEPT UNIT CONNECTION |                                                                                            |
| 5      | CONTROL BOX                     |                                                                                            |
| 4      | DRAIN HOSE (ACCESSORY)          | I.D. $\phi 31/32$ ( $\phi 25\text{mm}$ ) (OUTLET)                                          |
| 3      | SOCKET FOR DRAIN                | VP20 (O.D. $\phi 1-11/32$ ( $\phi 6\text{mm}$ ), I.D. $\phi 25/32$ ( $\phi 20\text{mm}$ )) |
| 2      | GAS PIPE CONNECTION             | $\phi 3/8$ (0.9 5mm) (FLARE CONNECTION)                                                    |
| 1      | LIQUID PIPE CONNECTION          | $\phi 1/4$ (0.6 4mm) (FLARE CONNECTION)                                                    |
| NUMBER | NAME                            | DESCRIPTION                                                                                |

Page 2 of 3

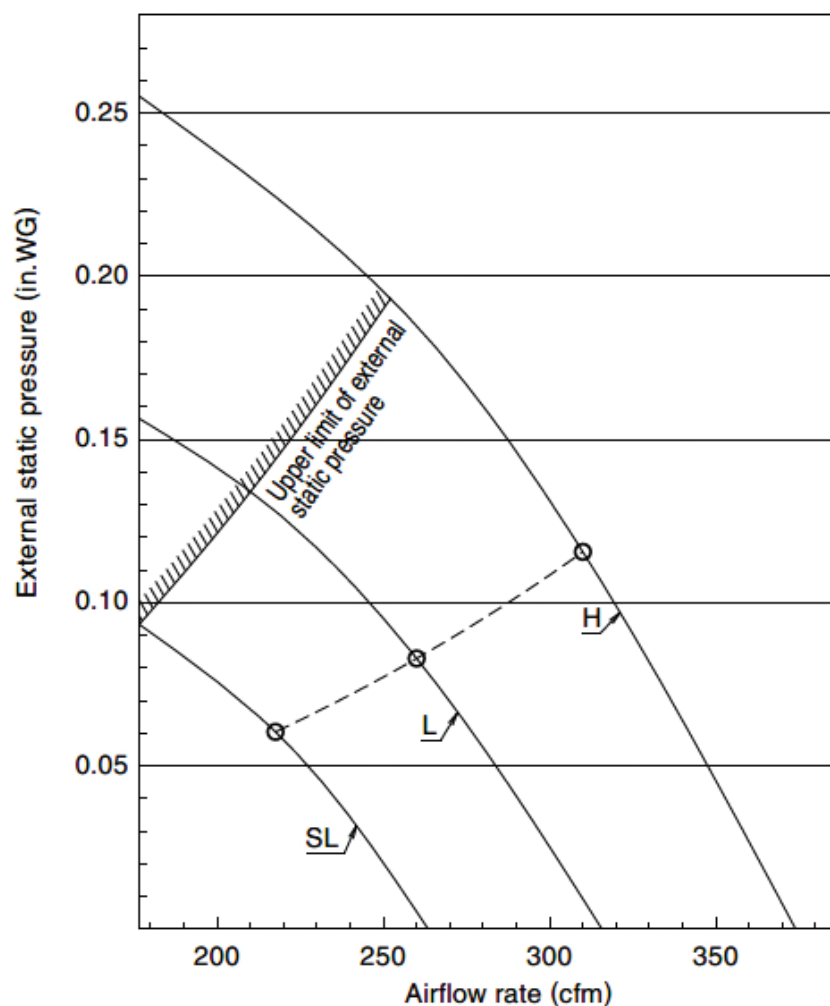
## Optional Accessories

ENGINEERS COMMENTS:  
NO EXCEPTION TAKEN



| Included | Part Number     | Description                                                   |
|----------|-----------------|---------------------------------------------------------------|
|          | BRP072A43       | Wireless Interface Adapter                                    |
|          | BRC944B2-A08    | Wired Remote Controller kit                                   |
|          | BRCW901A08      | Wired Remote Controller Cable – 25 ft (included in above kit) |
|          | BRCW901A03      | Wired Remote Controller Cable – 10ft                          |
|          | DACA-ARCW901P10 | IR Receiver Cable, Plenum Rated, 10ft                         |
|          | DACA-ARCW901P25 | IR Receiver Cable, Plenum Rated, 25ft                         |
|          | DACA-CP2-1      | Maxi Orange Condensate Pump                                   |
|          | DACA-CP3-1      | Mini Condensate Pump 5 gph                                    |
|          | KRP928BB2S      | Interface Adaptor for DIII-NET                                |

## External Static Pressure / Airflow Chart



Daikin North America LLC 5151 San Felipe, Suite 500 Houston, TX 77056

(Daikin's products are subject to continuous improvements. Daikin reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations)

WATER HEATER



# **PLUMBING FIXTURE SUBMITTAL COVER SHEET**

**PROJECT:** THE BLOCK AT ENCHANTED HILLS

**SYSTEM:** PLUMBING FIXTURES

**SYMBOL:** WHO3

**ITEM:** 28-GAL ELECTRIC WATER HEATER

**MANUFACTURER:** AO SMITH

**MODEL:** ENL-30

**NOTE:**

- **DUAL 45 WATT ELEMENTS**

**CONTRACTOR:** HANNA PLUMBING & HEATING CO. INC.  
8025 EDITH BLVD. NE  
ALBUQUERQUE, NEW MEXICO 87113

PHONE: 505 898-4536

| VENDOR PART | VENDOR   | DESCRIPTION                                                | PAGE |
|-------------|----------|------------------------------------------------------------|------|
| ENL-30      | AO Smith | Proline Lowboy Top Connect 28-gallon Electric Water Heater | 65   |



## Residential Electric Water Heaters

# ProMax®



### ENHANCED HEATING ELEMENTS

- Dual 4500 watt elements for fast recovery and reliable operation.
- Incoloy stainless steel lower element lasts longer than a standard copper element.

### DYNACLEAN™ DIFFUSER DIP TUBE

- Helps reduce lime and sediment buildup and maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

### HIGH ENERGY FACTORS

- Eco-friendly non-CFC foam insulation, heat traps and other features combine to yield a higher Energy Factor that maximizes savings on operating costs.

### COREGARD™ ANODE ROD

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.

### BLUE DIAMOND® GLASS COATING

- Provides superior corrosion resistance compared to industry standard glass lining.

### ENHANCED-FLOW BRASS DRAIN VALVE

- Our residential water heaters have a solid brass, tamper resistant, enhanced-flow, ball type, drain valve.
- Uses a standard female hose fitting that allows for fast and easy draining during maintenance.
- Designed for easy operation, this valve includes an integral screwdriver slot that features a ¼ turn (open/close) radius, which not only permits full straight-through water flow but also a quick and positive shut off.

### CODE COMPLIANCE

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

### APPROVED FOR MANUFACTURED HOUSING

- All residential electric water heaters are compliant with HUD Standards for mobile homes/manufactured housing.

### CERTIFIED TO UL 174 FOR HOUSEHOLD ELECTRIC WATER HEATERS

### CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

### DESIGN-LISTED BY UNDERWRITERS LABORATORIES

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to UL 174 standards governing storage tank-type electric water heaters.

### 6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or go to [hotwater.com](http://hotwater.com).





## Residential Electric Water Heaters

| Model Number              | Gallon Capacity | First Hour Rating Gallon | Energy Factor | Recovery @ 90°F Rise Gallon Per Hour | Element Wattage 240V |         | Dimensions in Inches |        |    | Approx. Shipping Weight (lbs) |
|---------------------------|-----------------|--------------------------|---------------|--------------------------------------|----------------------|---------|----------------------|--------|----|-------------------------------|
|                           |                 |                          |               |                                      | Standard             | Maximum | A                    | B      | C  |                               |
| Tall Models               |                 |                          |               |                                      |                      |         |                      |        |    |                               |
| ENT-30†                   | 30              | 47                       | 0.95          | 21                                   | 4500                 | 6000    | 46-1/2               | 39-1/2 | 19 | 95                            |
| ENT-40†                   | 40              | 51                       | 0.95          | 21                                   | 4500                 | 6000    | 60-1/4               | 53-1/4 | 20 | 118                           |
| ENTB-50*                  | 50              | 70                       | 0.95          | 21                                   | 4500                 | 6000    | 60-1/4               | 51-1/4 | 21 | 131                           |
| ENT-50†                   | 50              | 71                       | 0.95          | 21                                   | 4500                 | 6000    | 60-1/2               | 51-1/4 | 22 | 134                           |
| ENT-55†                   | 55              | 76                       | 0.94          | 21                                   | 4500                 | 6000    | 56-1/2               | 48-1/2 | 24 | 145                           |
| Short Models              |                 |                          |               |                                      |                      |         |                      |        |    |                               |
| ENSB-30*                  | 30              | 48                       | 0.95          | 21                                   | 4500                 | 6000    | 39                   | 30-1/2 | 20 | 95                            |
| ENS-30†                   | 30              | 49                       | 0.95          | 21                                   | 4500                 | 6000    | 39-3/4               | 30-1/2 | 22 | 94                            |
| ENS-40†                   | 40              | 55                       | 0.95          | 21                                   | 4500                 | 6000    | 50                   | 40-3/4 | 22 | 109                           |
| ENS-50†                   | 50              | 62                       | 0.95          | 21                                   | 4500                 | 6000    | 49-3/4               | 40-3/8 | 24 | 161                           |
| Lowboy Top Connect Models |                 |                          |               |                                      |                      |         |                      |        |    |                               |
| ENLB-30*                  | 28              | 40                       | 0.95          | 21                                   | 4500                 | 6000    | 30                   | 21-3/4 | 22 | 96                            |
| ENL-30†                   | 28              | 43                       | 0.95          | 21                                   | 4500                 | 6000    | 31-1/4               | 21-3/4 | 24 | 115                           |
| ENLB-40*                  | 38              | 46                       | 0.95          | 21                                   | 4500                 | 6000    | 31-3/4               | 24     | 24 | 118                           |
| ENL-40†+                  | 38              | 44                       | 0.95          | 21                                   | 4500                 | 6000    | 33-1/2               | 24     | 26 | 118                           |

3/4" water connections on 8" center.

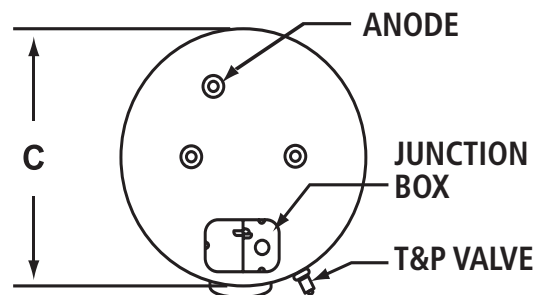
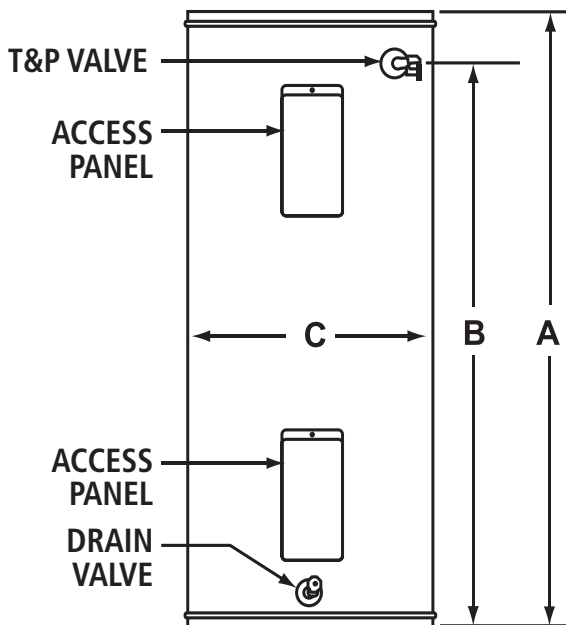
\*Models ship with supplied insulation blanket.

†For 10-year tank and 6-year parts warranty, change "E" to "P" in the model number (example: ENT-30 becomes PNT-30).

+ Top T&P option not available on this model.

Only available for 240V or 208V applications.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



ENGINEERS COMMENTS:  
NO EXCEPTION TAKEN

For technical information call 800-527-1953. A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.