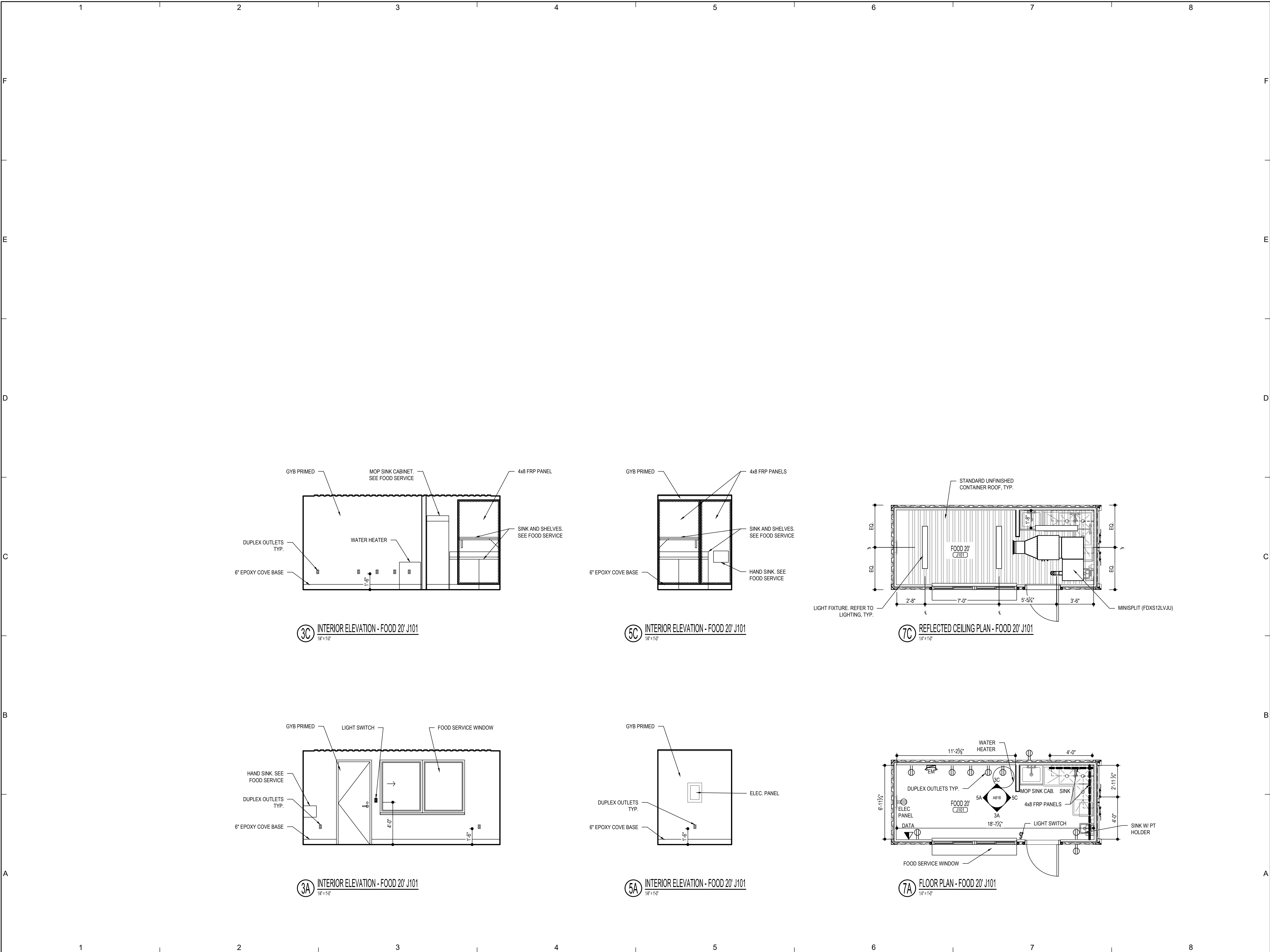
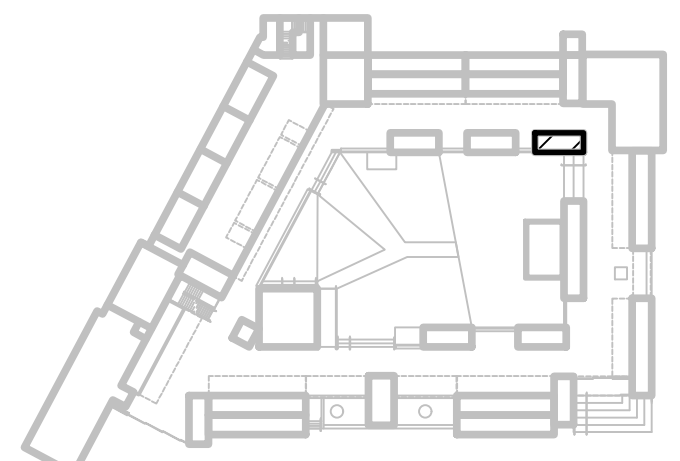


7/2/2024, 12:29 PM PROJECT: 203 - PLAZA AT ENCHANTED HILLS FILE: A818 FOOD 20' J101.DWG



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' J101

Project Number 2103
Date 7/2/2024

A818

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 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 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
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.

*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

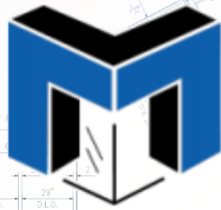
Series	Length	Nominal lumens	Performance package	Louwer	Lens
CLX LED linear	L24 24" ✚	1500LM 1,500 lumens	SEF Standard efficiency ✚	(Blank) Less louwer	L/Lens Less lens
		2000LM 2,000 lumens	HEF Premium efficiency ✚	SBLW Straight blade louwer, white ✚	FDL Flat diffuse ✚
		2500LM 2,500 lumens		SBLMB Straight blade louwer, matte black ✚	RDL Round diffuse ✚
		3500LM 3,500 lumens		SBLGV Straight blade louwer, galvanized ✚	WDL Wide diffuse ✚
		4500LM 4,500 lumens		SBLSGY Straight blade louwer, 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 avaiable 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 SE00W white cord, no plug (no voltage required)	
CS6WG16STOWD5D 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

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	$\leq .1 \text{ cfm/ft}^2$	12.0psf	100psf	150psf
Horizontal Slider	CW-PG65-HS	$\leq .3 \text{ cfm/ft}^2$	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·FT²)

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 ²
	Min	Max	Min	Max	
Fixed	12	84	12	80	≤ 38
XO/OX	30	98	20	78	≤ 30
XOX	36	98	20	78	≤ 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 51ST 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



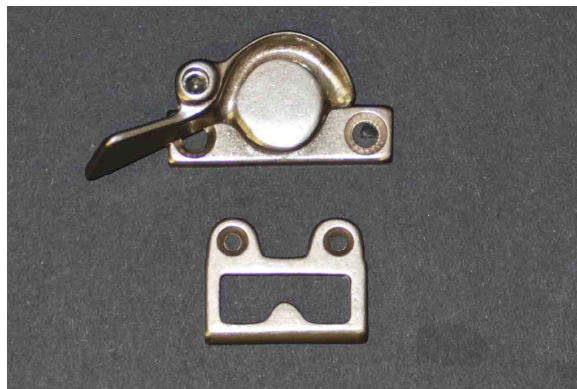
Heavy Commercial Horizontal Sliding Window Hardware



**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

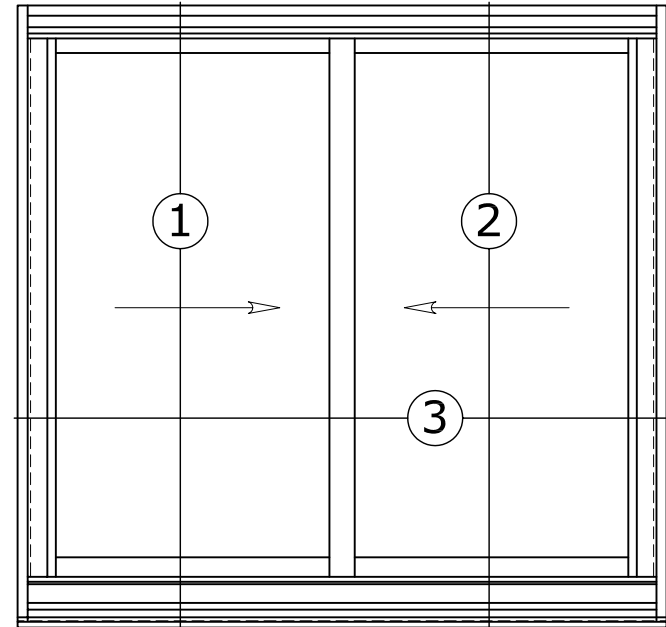
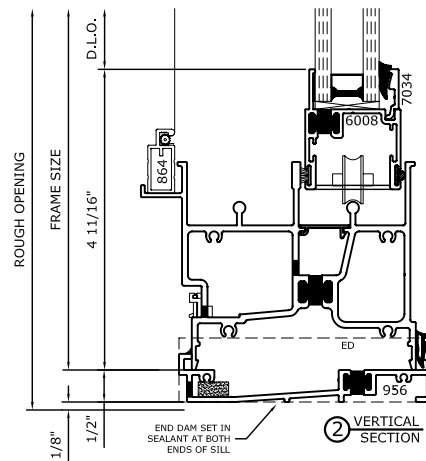
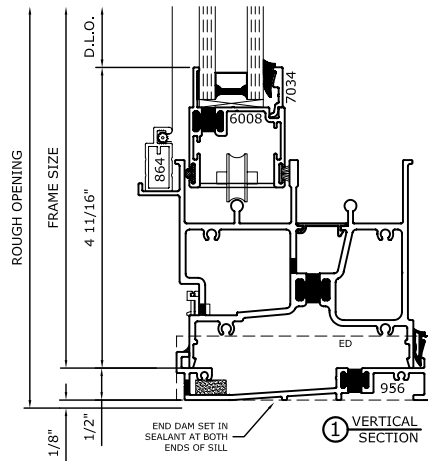
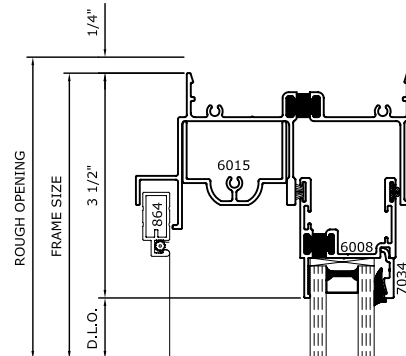
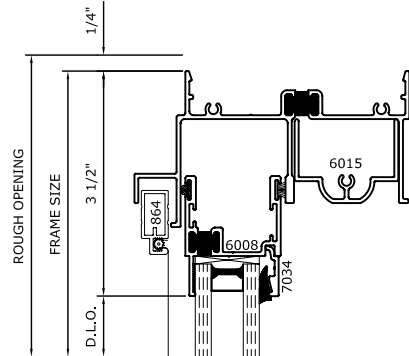
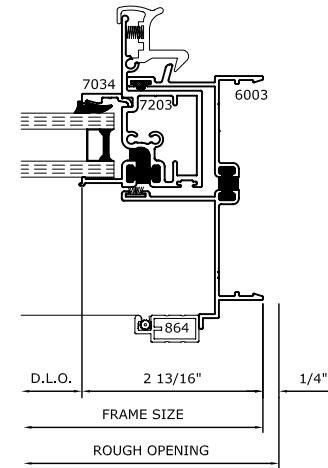
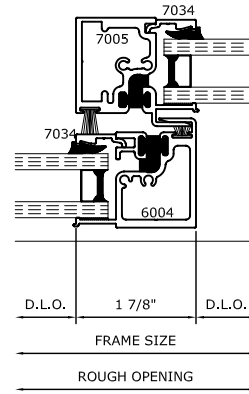
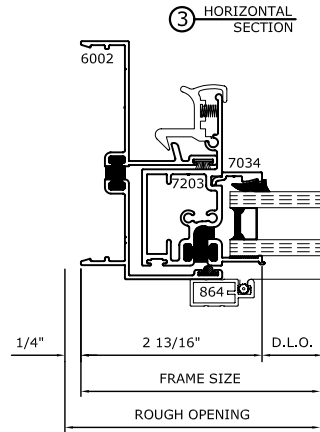


Limit Stops



6035 SLIDER

HC55 (XX)



FOOD SERVICE EQUIPMENT

Item	Qty	Description
J		BUILDING J Room J101
J1	1 ea	MOP SINK CABINET

Item	Qty	Description
		Custom Equipment Fabricators Model No. 9-OPC-84 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)
	1 ea	K-94-BACK Back panel for mop sink cabinet, type 430 stainless steel
	1 ea	TA-48 12" x 12" cut out for plumbing in back panel or undershelf
J2	1 ea	SERVICE FAUCET T&S Brass Model No. B-0665-BSTR 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 & pail hook, built in screwdriver stops
J3	1 ea	CORNER SINK, (3) THREE COMPARTMENT Custom Equipment Fabricators Model No. FC-K6-18D Fabricated NSF Corner Sink, 3-compartment L shaped, 18" right & 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)
	3 ea	K-4 Support Bracket, for lever waste drain handle, (1) support required for each lever drain
	1 ea	K-495 Turn Down Backsplash (includes wall clips)
J4	1 ea	MINI PRE-RINSE FAUCET ASSEMBLY T&S Brass Model No. MPM-8WLN-12-SWV 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, 1/2" NPT female inlets, low lead, NSF, CSA
	1 kt	B-0230-KIT Inlet Kit, 1/2" NPT nipple, close elbows, 24" flex supply hoses
J4.1	1 ea	WALL / SPLASH MOUNT FAUCET T&S Brass Model No. B-0231 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
J4.2	3 ea	DRAIN, LEVER / TWIST WASTE

Item	Qty	Description
		T&S Brass Model No. B-3950 Waste Valve, twist handle, 3-1/2" sink opening, 2" drain outlet with 1-1/2" adapter (replaces B-3912, B-3916)
J5	1 ea	SHELVING, WALL MOUNTED Custom Equipment Fabricators Model No. WS-12-36 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
J6	1 ea	GREASE TRAP Not In Kitchen Equipment Contract **Provided And Installed By Plumbing Contractor**
J7	1 ea	HAND SINK Advance Tabco Model No. 7-PS-EC-SPNF-X 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
J8	1 ea	SOAP & TOWEL DISPENSER Not In Kitchen Equipment Contract **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. 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) 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

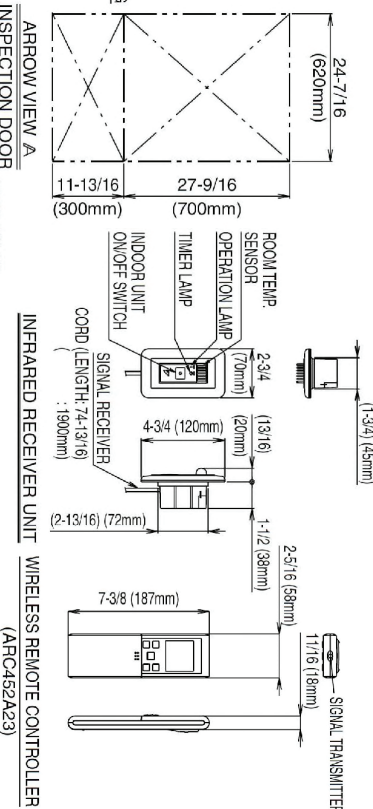
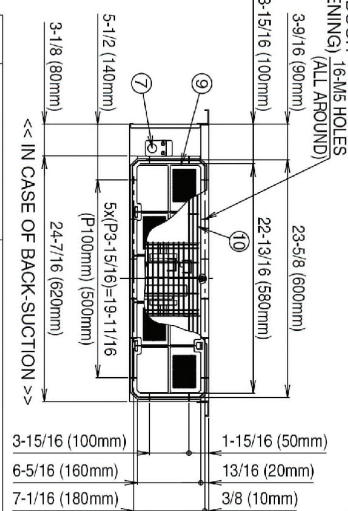
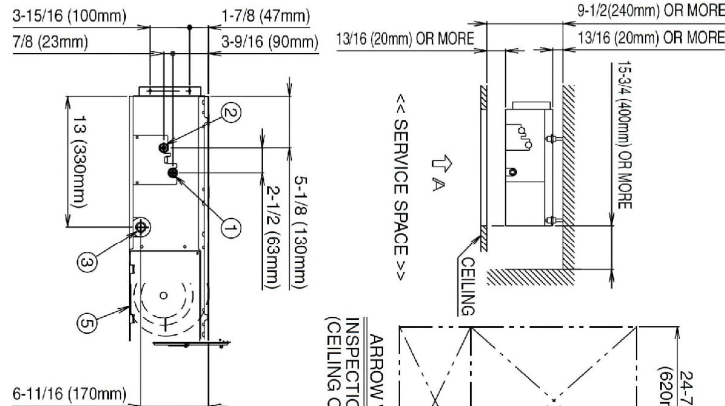
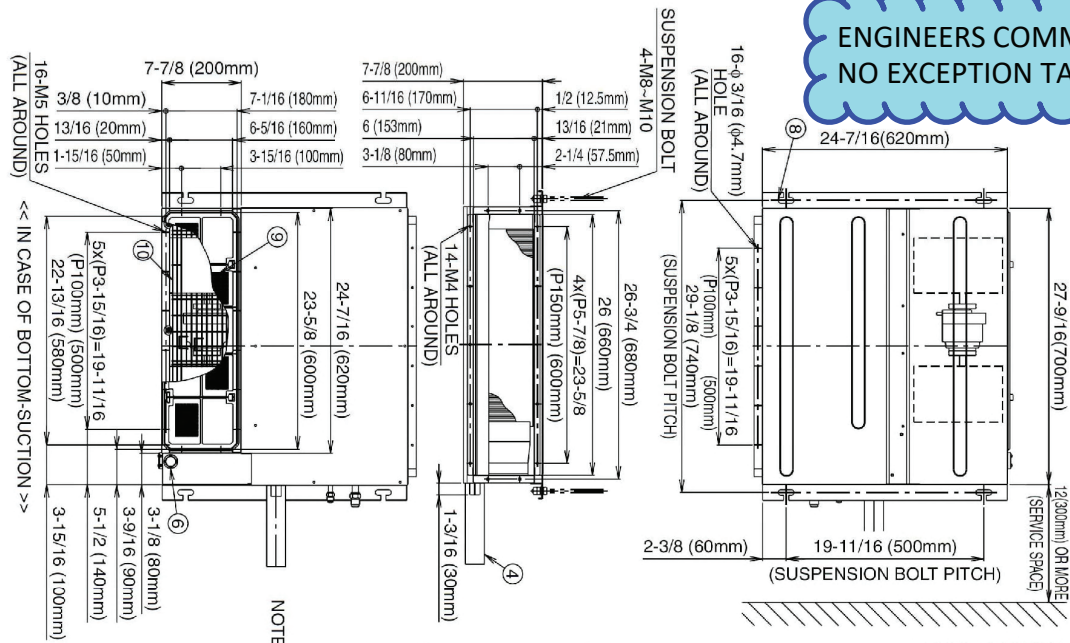
Liquid (in)	1/4
Gas (in)	3/8
Drain (in)	25/32

FDXS12LVJU Dimensional Data

SSU07

DAIKIN

ENGINEERS COMMENTS:
NO EXCEPTION TAKEN



NUMBER	NAME	DESCRIPTION
10	PROTECTION NET	
9	AIR FILTER (ACCESSORY)	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	INFRARED RECEIVER UNIT CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE (ACCESSORY)	1.D. Ø31/32 (Ø25mm) (OUTLET)
3	SOCKET FOR DRAIN	VP20 (O.D. Ø1-1/32 (Ø26mm)) 1.D. Ø25/32 (Ø20mm)
2	GAS PIPE CONNECTION	Ø3/8 (Ø9.5mm) (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	Ø1/4 (Ø6.4mm) (FLARE CONNECTION)

3D074619

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)

Submittal Revision Date: September 2018

Page 2 of 3

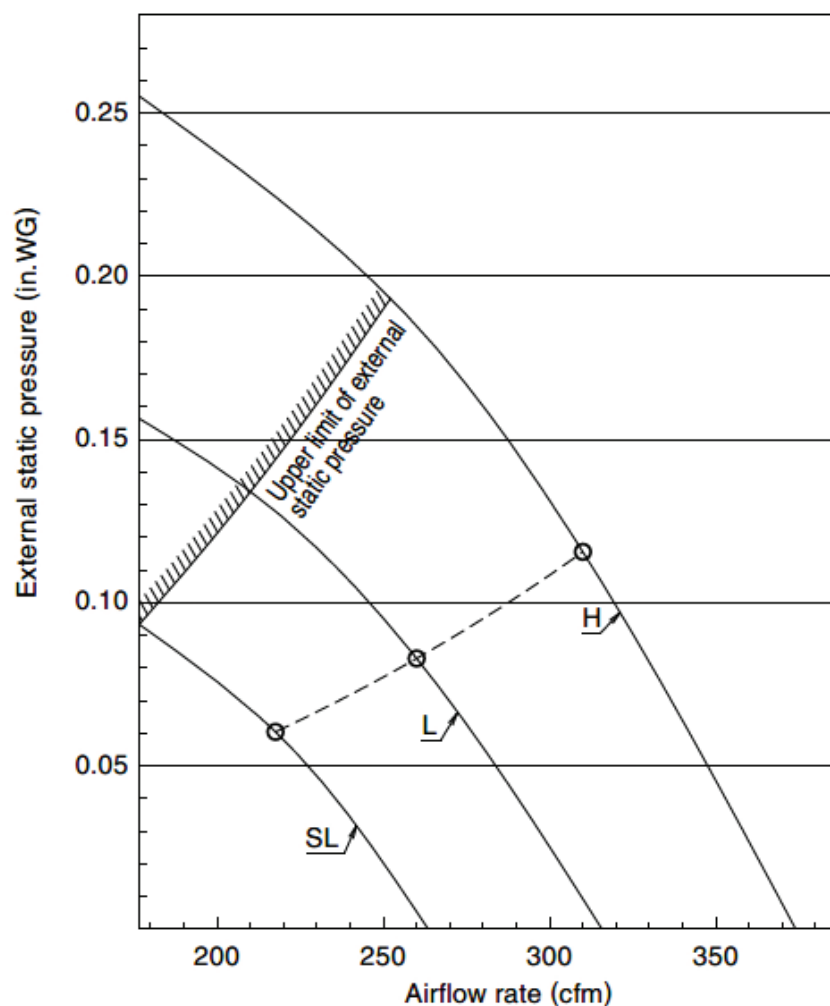
Optional Accessories

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.





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.

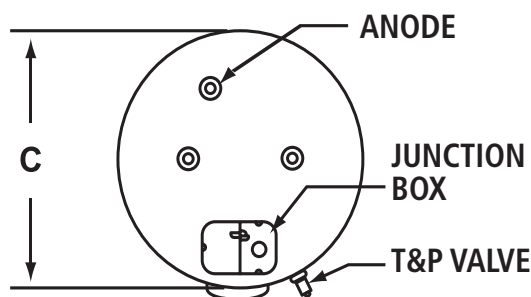
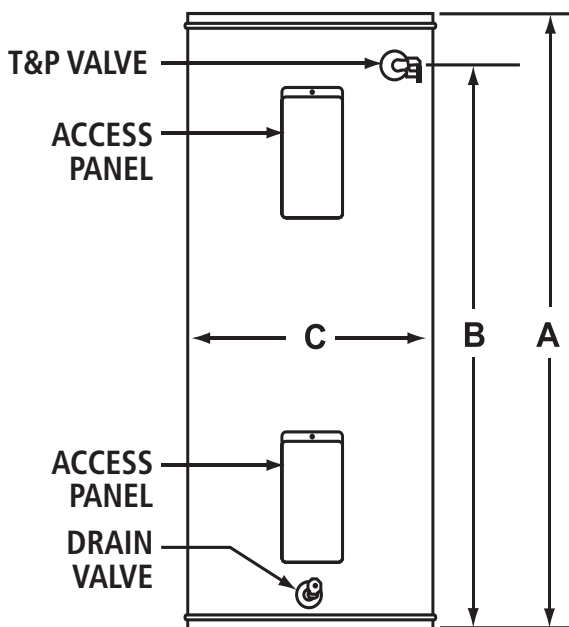
*Models ship with supplied insulation blanket.

†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.