



Model:

VEX_90CP SERIES

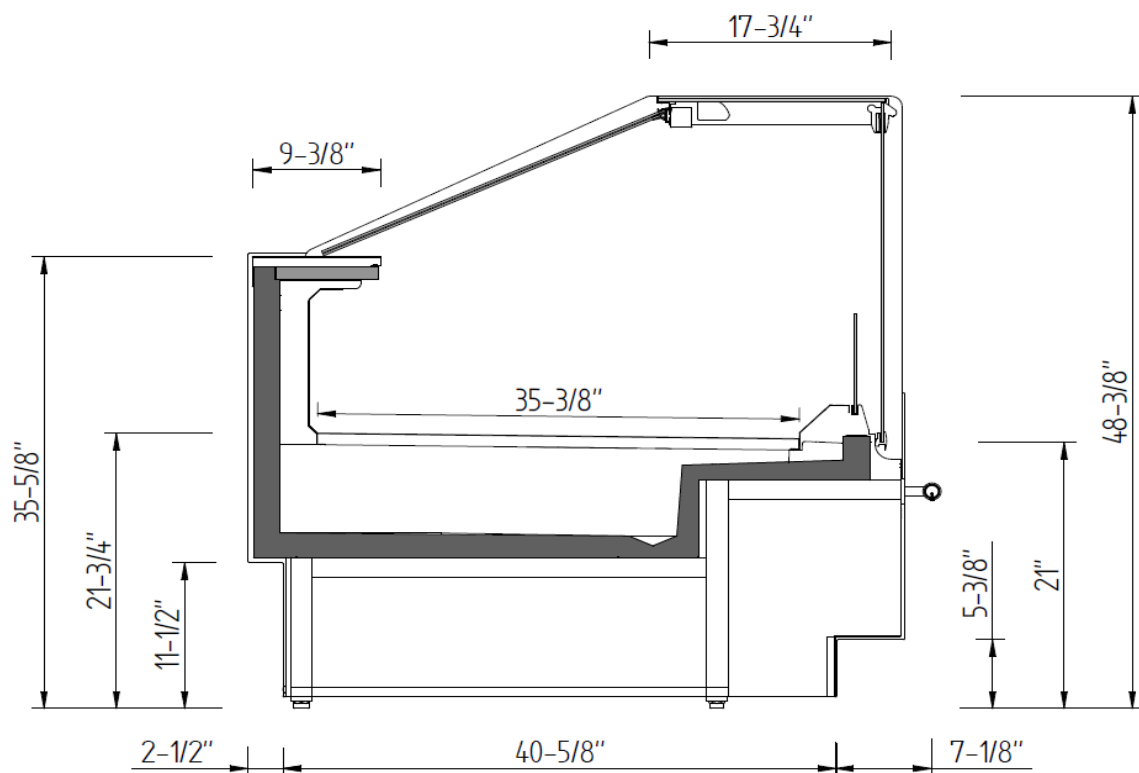
EXPERIENCE DISPLAY COUNTER



VEX90AAICP



VEX90ACICP



ESTANDAR FEATURES



EXTERIOR

- ⊗ Epoxy painted steel sheet
- ⊗ Double panel glass sides
- ⊗ Adjustable feet.
- ⊗ Enamelled steel base.
- ⊗ Modulaire line design.



INTERIOR

- ⊗ AISI 304 Stainless Steel.
- ⊗ Stainless Steel internal panel perforated.
- ⊗ Height and incline adjustable stainlees steel shelves
- ⊗ Price channel on shelves and bottom display
- ⊗ LED lighting in canopy and under each shelf.



INSULATION

- ⊗ CFC-Free polyurethane insulation, entire cabinet structure is foamed-in place using a high density polyurethane insulation.
- ⊗ Low GWP & Zero ODP effect.



ELECTRICAL AND ELECTRONIC CONTROLLERS

- ⊗ Remote alarm signals.
- ⊗ Encapsulated and sealed NTC temperature probes.
- ⊗ Effective way to visualize temperature and monitor all processes through a digital screen.
- ⊗ Cord and NEMA 5-20P plug. Electrical connections is 115V/ 1ph/ 60 Hz



REGRIGERATION

- ⊗ Digital temperature controller with automatic defrost system.
- ⊗ Forced air evaporator.
- ⊗ Forced air circulation to desipate hot air.

RECOMMENDED OPERATING CONDITIONS

>>> Equipment has been designed to operate in an environment where temperature and humidity do not exceed 75°F (24°C) and 55% relative humidity.

>>> Unit should not be installed near HVAC vents, fans or doorways that will disrupt the air curtain and compromise the function of the cabinet.

>>> Unit should not be installed in direct sunlight.

>>> Model will run most efficiently when completely loaded with pre-chilled product.

>>> Condensing coils should be cleaned regularly to avoid equipment malfunction.

>>> Please be advised that this type of models are louder than standar refrigeration models.

>>> Unit cannot be encased in a way that would block appropriate airflow and cause the recycling of hot air.

>>> A mimumum distance of 4-5 inches is required at the back and top of the unit, do not flush the back of equipment directly to wall.

>>> Do not block any vents with product or any other item.

>>> Equipment must be loaded with pre-cooler product.

>>> Do not overload the shelves and/or block in a way that would prevent proper airflow.

>>> Maintain the acrylic ain diffuser at all times.

GENERAL DATA

	MODEL	
	VEX90AAICP	VEX90ACICP
SIDE WALL THICKNESS (in)	1 1/6	
REFRIGERATED AREA (ft ²)	12 3/5	20
TOTAL VOLUME (ft ³)	5	7 1/3
TDA - AREA TOTAL DISPLAY (ft ²)	--	--
WEIGHT (lb)	758	939
CRATED DIMENSIONS (in)	58 x 53 3/4 x 56 2/7	116 1/9 x 61 3/4 x 56 2/7

ELECTRICAL CONFIGURATION

EQUIPMENT BASE		MODEL	
		VEX90AAICP	VEX90ACICP
Length (in)			
COIL FANS	Nº	1	2
	Ø	154	154
	W	4,8	5
	A	0,04	0,07
CANOPY LIGHTING	LED	W	63
		A	0,3
SHELF LIGHTING	LED	W	-
		A	-
TOTAL	W	67,8	63
	A	0,34	0,37
TOTAL ENERGY	Kwh/24h	1,63	1,51
MCA/MOP	MCA	0,05	0,05
	MOP	0,09	0,11375

OPTIONAL EQUIPMENT		MODEL	
		VEX90AAICP	VEX90ACICP
SCC "CONDENSATION CONTROL SYSTEM"	W	14	14
	A	0,14	0,14

REFRIGERATION DATA

In compliance with UL471 and NSF7

Condensation Temp:	95°F	Superheat:	5°K	Sub-cooling:	0°K
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MEDIUM TEMPERATURE (30°F/41°F)			VEX90AAICP	VEX90ACICP
	Cooling capacity **	W	526	1046
		BTU/h	1794	3567
	Evaporation Temp (°F)		14°F	

** REFRIGERATION POWER

Data for the base cabinet according to the commercial section on page 1
Cooling capacity for calculating centralized facility. Condensing unit to increase power at +15%.

Not including the Under-power or Over-power coefficients.
This is responsibility of the contracting authority &/or the installer

For the calculation of custom furniture use the following table.
CO

INTERNAL CONFIGURATION

-> DELETE 1 LINE OF SHELVES	+5%	kW/ft
-> DELETE 1 LINE OF SHELVES AND MIRROR	+10%	kW/ft
-> SHELF LED LIGHTING	+15	W/ft

Environmental Condition	
AMBIENT TEMP.	HUMIDITY
75°F	55%

Refrigeration Connection	
Freón	
LIQUID	3/8"
SUCTION	1/2"
CO2	
LIQUID	1/4"
SUCTION	3/8"
Glicol	
LIQUID	5/8"
SUCTION	5/8"

Ambien limitations for natural defrost
60 °F / 80% HR

(*) ATTENTION: The correction factors corresponding to conditions of installation are not included
(Owner and/or installers responsibility)

ADJUSTMENTS & DEFOST		Medium Temp.	Low Temp.
INTERIOR TEMPERATURE	SET POINT	32 °F	-
	DIFFERENTIAL	2	-
DEFOST TYPE		NATURAL	-
N° DEFOST / 24h		12	-
END OF DEFOSTING TEMPERATURE		47 °F	-
MAXIMUM DEFOSTING TIME		15'	-
MINIMUM DEFOSTING TIME		5'	-
INTERIOR TEMPERATURE DAY / NIGHT ADJUSTMENT	SET DAY (F°)	35	-
	SET NIGHT (F°)	37	-
	DIFFERENTIAL	1	-

ALARMS		
HIGHER	LOWER	TIME DELAY
47°F	17°F	-

DEFOST SEQUENCE

NATURAL DEFOST ELECTRIC DEFOST

During this period,
refrigerant supply to
evaporator is cut off.

During this period,
refrigerant supply to
evaporator is cut off and
defrost heaters come
into operation.

END OF DEFOST

BY TIME BY TEMPERATURE (PRESSURE)

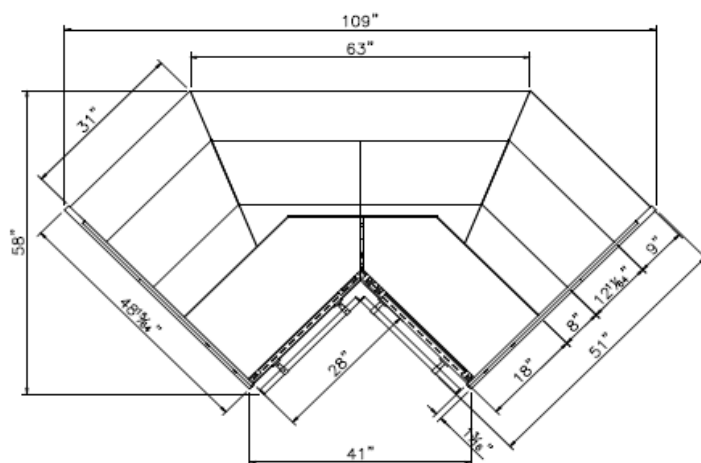
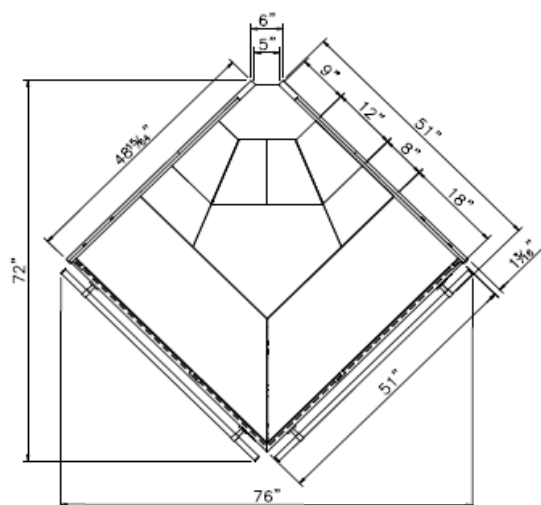
Once programming
time has lapsed,
equipment returns to
its initial operation.

Once programmed
temperature has been
reached, equipment returns
to its initial operation.

REGULATIONS BASED ON LAB TESTING

If it is necessary, modify thermostat's end
of defrost and/or defrost programmer
settings, to ensure total elimination of ice
and draining of all waters.

INSTALLATION DETAILS



DRAINAGE

