# Supermarket USA

# Data Sheet



Model:







	ESTANDAR FEATURES		
EXT	ERIOR	ELE	ECTRICAL AND ELECTRONIC CONTROLLERS
⊗ e ⊗ i ⊗ A	Epoxy painted steel sheet Double panel glass sides Adjustable feet.	<ul> <li>Image: A = 0</li> <li>Image:</li></ul>	Remote alarm signals. Encapsulated and sealed NTC temperature probes.
⊗ e ⊗ M	Enamelled steel base. Modulaire line design.		Effective way to visualize temperat and monitor all processes through a digital screen.
INTE	ERIOR	$\bigotimes$	Cord and NEMA 5-20P plug. Electrica connections is 115V/ 1ph/ 60 Hz
<ul> <li>₩</li> <li>#</li> <li>₩</li> <li>₩</li></ul>	AISI 304 Stainless Steel. Stainsless Steel internal panel perforate Height and incline adjustable stainlees s Price channel on shelves and bottom displ LED lighting in canopy and under each she	d. tee] ay lf.	shelves
) INSU	ULATION	REG	GRIGERATION
	CFC-Free polyurethane insulation, entire cabinet structure is foamed-in place using a high density polyurethane insulation.	$\textcircled{\begin{tabular}{c} \label{tabular} \\ \textcircled{\begin{tabular}{c} \label{tabular} \\ \textcircled{\begin{tabular}{c} \label{tabular} \\ \hline \end{tabular} \\ \hline \end{tabular} \\ \textcircled{\begin{tabular}{c} \label{tabular} \\ \hline \end{tabular} $	Digital temperature controller with automatic defrost system. Forced air evaporator. Forced air circulation to desipate air.
RECOM	MENDED OPERATING CONDITIONS	an	environment where temperature and
© I RECOM	MENDED OPERATING CONDITIONS Equipment has been designed to operate in ty do not exceed 75°F (24°C) and 55% rei Unit should not be installed near HVAC v	an Lati	environment where temperature and ve humidity. s, fans or doorways that will disrup
RECOM W Enumidi Che ai W U	MENDED OPERATING CONDITIONS Equipment has been designed to operate in ty do not exceed 75°F (24°C) and 55% rei Unit should not be installed near HVAC v r curtain and compromise the function of Unit should not be installed in direct su	an lati ents the nlic	environment where temperature and ve humidity. s, fans or doorways that will disrup cabinet.
© I RECOM NW E numidi the ai NV U NV U NV V	MENDED OPERATING CONDITIONS Equipment has been designed to operate in ty do not exceed 75°F (24°C) and 55% re: Unit should not be installed near HVAC v r curtain and compromise the function of Jnit should not be installed in direct su Model will run most efficiently when comp	an Lati the nlic	environment where temperature and ve humidity. s, fans or doorways that will disrup cabinet. ght. ely loaded with pre-chilled product.
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RECOM Signal Encoded Signal	MENDED OPERATING CONDITIONS Equipment has been designed to operate in ty do not exceed 75°F (24°C) and 55% rei Unit should not be installed near HVAC v r curtain and compromise the function of Jnit should not be installed in direct su Model will run most efficiently when comp Condensing coils should be cleaned regula Please be advised that this type of model	an lati ents the nlic lete rly s an	environment where temperature and ve humidity. 5, fans or doorways that will disrup cabinet. ght. ely loaded with pre-chilled product. to avoid equipment malfunction. re louder than standar refrigeration
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#### GENERAL DATA

	MODEL		
	VEX90AAICP	VEX90ACICP	
SIDE WALL THICKNESS (in)	1	1/6	
REFRIGERATED AREA (ft <sup>2</sup> )	12 3/5	20	
TOTAL VOLUME (Ft <sup>3</sup> )	5	7 1/3	
TDA - AREA TOTAL DISPLAY (ft <sup>2</sup> )			
WEIGHT (1b)	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			MOI	DEL
		- 1	VEX90AAICP	VEX90ACICP
		N°	1	2
COLL FANS		Ø	154	154
COIL FANS		W	4,8	5
		A	0,04	0,07
		W	63	58
CANOPI LIGHIING	LED	A	0,3	0,3
QUELE ITCUTTIC	TED	W	-	-
SUFFL FIGUIING	150	A	-	-
momat		W	67,8	63
TOTAL		A	0,34	0,37
TOTAL ENERGY		Kwh/2 4h	1,63	1,51
NON (NOD		MCA	0,05	0,05
MCA/MOP		MOP	0,09	0,11375

OPTIONAL FOULPMENT		MODEL	
		VEX90AAICP	VEX90ACICP
SCC "CONDENSATION CONTROL SYSTEM"	W	14	14
See companying control bibilin	A	0,14	0,14

#### REFRIGERATION DATA

#### In compliance with UL471 and NSF7

Condensation Temp:	95°F	Superheat:	5°K	Sub-cooling:	0 ° K

			VEX90AAICP	VEX90ACICP
EDIUM PERATURE 'F/41°F)	Cooling capacity **	W	526	1046
		BTU/h	1794	3567
M TEME (30°	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%. Refrigeration

Not including the Under-powe or Over-power coeficients. This is reponsability of the contracting authority &/or the installer

For the calculation of custom forniture use the following table.  $\ensuremath{\operatorname{CO}}$ 

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

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

		14 11 m	*
ADJUSTMENTS & DEFR	Medium Temp.	Low Temp.	
TNTEDIOD TEMPEDATIDE	SET POINT	32 °F	-
INTERIOR TEMPERATORE	DIFFERENTIAL	2	-
DEFROST TYPE	•	NATURAL	-
N° DEFROST / 24h		12	-
END OF DEFROSTING TEMPERATUR	47 °F	-	
MAXIMUM DEFROSTING TIME	15'	-	
MINIMUM DEFROSTING TIME	5'	-	
	SET DAY (F°)	35	-
INTERIOR TEMPERATURE DAY / NIGHT ADJUSTMENT	SET NIGHT (F°)	37	-
	DIFFERENTIAL	1	-

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

DEEDOOR	OROURNOR
DEFROST	PEQUENCE
NATURAL DEFROST	ELECTRIC DEFROST
During this period, refrigerant supply to evaporator is cut off.	During this period, refrigerant supply to evaporator is cut off ar defrost heaters come into operation.
END OF	DEFROST
BY TIME	BY TEMPERATURE (PRESSURE)
Once programming time has lapsed, equipment returns to its inital operation.	Once programmed temperature has been reached, equipment returns to its initial operation.

#### REGULATIONS BASED ON LAB TESTING

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

CODE: DTUL23026

DATE: 11/01/2022

EDITION 00

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AMBIENT TEMP. HUMIDITY 75°F 55% r at +15%. Refrigeration Connection Freén LIQUID 3/8" SUCTION 1/2" C02

Environmental Condition

SUCTION	1/2"				
C02					
LIQUID	1/4"				
SUCTION	3/8"				
Gli	col				
LIQUID	5/8"				
SUCTION	5/8"				

Ambien	limitation	ns for
nat	ural defro	st
60	°F / 80% H	łR

#### INSTALLATION DETAILS





DRAINAGE







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