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in Refrigeration Equipment***



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Unit Cooler Features & Benefits



All Unit Coolers Conform to 2018 **EPA SNAP Program**

Current **R404a** can be used with no Modification

New **R448a/R449a** can be used with proper TXV



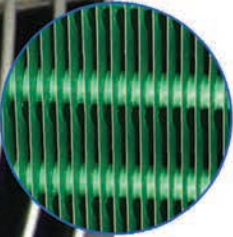
Standard Energy Efficient **EBM papst EC Motor**

2 Years Fan Motor and **1 Year** Parts Warranty



Water Resistant & Easy Access Electric Junction Box

Center Mounted Defrost Heater for
Reduced Defrost Time



Anti-corrosion Hydrophilic Epoxy Green-Fin Coating

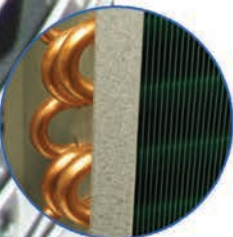
2 Years Leak Free Warranty



Wedge Cabinet Design for Superior Air Circulation

White-powder Coated Cabinet

Stainless Steel Bolt & Mounting Bracket



High-Efficient Inner Groove Coil



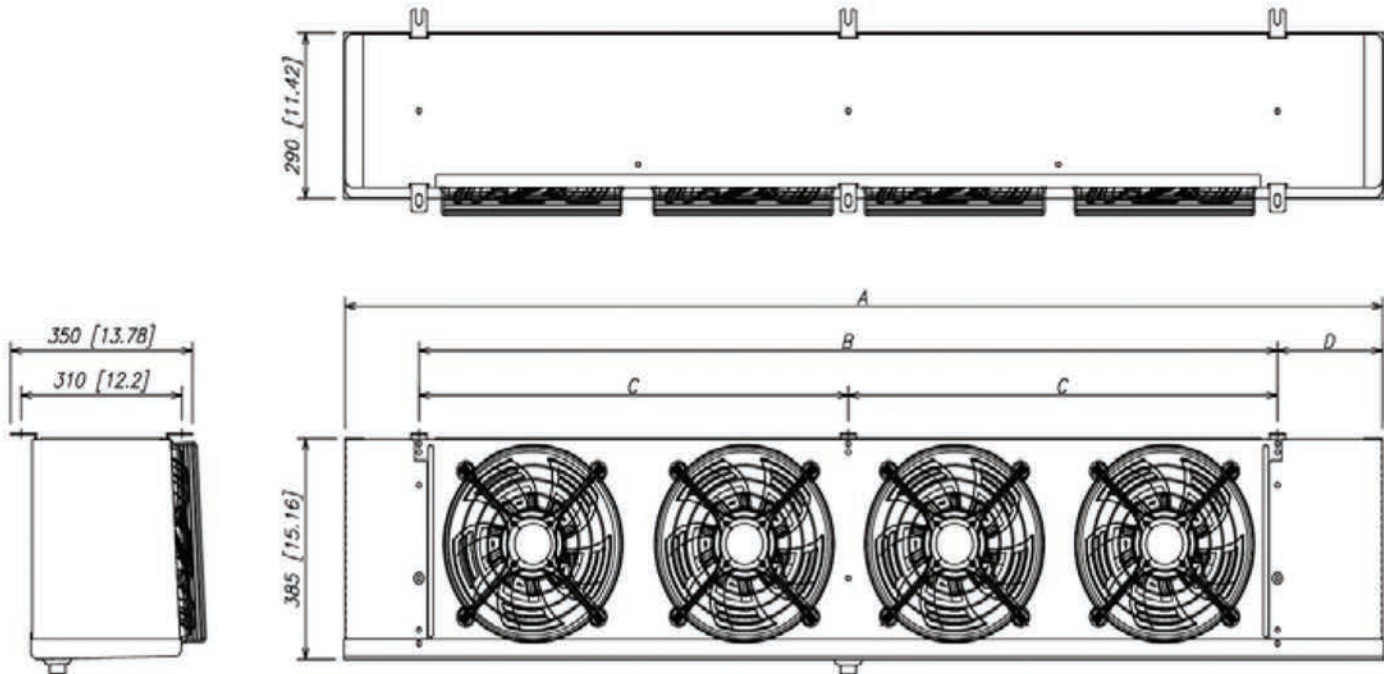
LOW PROFILE UNIT COOLER



Model Nomenclature

ILA	0 4 2	A	E (Factory Mounted Option)
Model Series	Capacity	Voltage	
ILA = Air Defrost	Size × 100 = BTUH	A = 115/1/60	E = Expansion Valve
ILE = Electric Defrost		B = 208-230/1/60	M = Expansion Valve + Solenoid Valve

Dimensional Data



Dimensional Data For All Models **R448a/R449a Ready !**



Air Defrost Models 6 FPI	Electric Defrost Models 6 FPI	Suction		Dimensions (Inches / mm)								Weight(Lbs)	
				A	B	C	D	ILA	ILE				
ILA069A	ILE044B	7/8 ID	5/8 ID	30.9	785	17.1	435					27.3	27.3
ILA075A	ILE070B	7/8 ID	5/8 ID	47.1	1195	33.3	845					36.4	42.6
ILA110A	ILE085B	7/8 ID	5/8 ID	47.1	1195	33.3	845					39.0	45.0
ILA140A	ILE095B	7/8 ID	7/8 ID	47.1	1195	33.3	845					41.7	45.0
ILA165A	ILE130B	7/8 ID	7/8 ID	63.0	1600	49.2	1250					52.0	55.6
ILA200A	ILE150B	7/8 ID	7/8 ID	63.0	1600	49.2	1250					57.3	60.9
ILA220A	ILE170B	7/8 ID	1-1/8 ID	78.9	2005	65.2	1655	32.58	827.5	8.07	205	64.6	69.5
	ILE190B		1-1/8 ID	78.9	2005	65.2	1655	32.58	827.5	8.07	205		69.5

*Coil Inlet : 1/2" OD

*Drain : 3/4" MPT

*External Equalizer : 1/4" OD

Universal Replacement Parts

LOW PROFILE UNIT COOLER



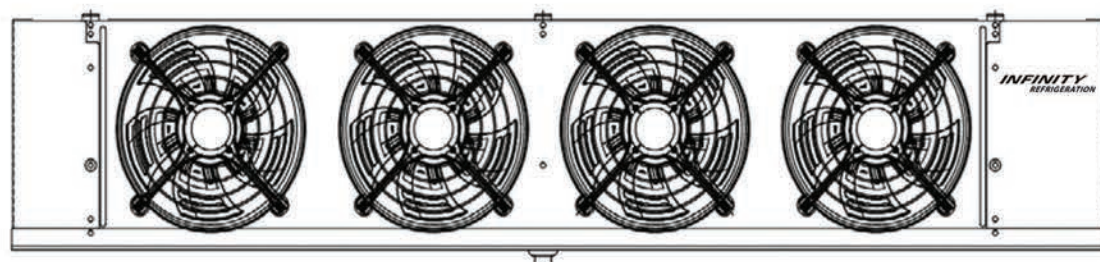
Performance and Electric Specifications

Air Defrost Models with EC Motors

Model	Capacity BTUH/Watts 10°F TD/6°C TD 25°F SST/-4°C SST		Fan Data			EC Motor Data			Air Throw Ft
					Qty	115V 1Ph 60Hz			
			CFM/m ³ H			HP	Total Amps	Watts	
ILA069A	6900	2020	811	1378	1	1/15	0.6	66	25
ILA075A	7500	2196	1622	2756	2	1/15	1.1	131	25
ILA110A	11000	3221	1622	2756	2	1/15	1.1	131	25
ILA140A	14000	4100	1622	2756	2	1/15	1.1	131	25
ILA165A	16500	4832	2433	4134	3	1/15	1.7	197	25
ILA200A	20000	5857	2433	4134	3	1/15	1.7	197	25
ILA220A	22000	6443	3244	5512	4	1/15	2.3	262	25

Electric Defrost Models with EC Motors

Model	Capacity BTUH/Watts 10°F /6°C TD -20°F/-29°C SST		Fan Data			EC Motor Data			Air Throw Ft	Defrost Heater (Total Amps)		
					Qty	208-230V 1Ph 60Hz				Watts	230/ 1/60	230/ 3/60
			CFM/m ³ H			HP	Total Amps	Watts				
ILE044B	4400	1288	811	1378	1	1/15	0.3	78	25	1088	4.7	2.7
ILE070B	7000	2050	1622	2756	2	1/15	0.7	156	25	1944	8.5	4.9
ILE085B	8500	2489	1622	2756	2	1/15	0.7	156	25	1944	8.5	4.9
ILE095B	9500	2782	1622	2756	2	1/15	0.7	156	25	1944	8.5	4.9
ILE130B	13000	3807	2433	4134	3	1/15	1.0	235	25	2781	12.1	7.0
ILE150B	15000	4393	2433	4134	3	1/15	1.0	235	25	2781	12.1	7.0
ILE170B	17000	4978	3244	5512	4	1/15	1.4	313	25	3639	15.8	9.1
ILE190B	19000	5564	3244	5512	4	1/15	1.4	313	25	3639	15.8	9.1



Universal Replacement Parts

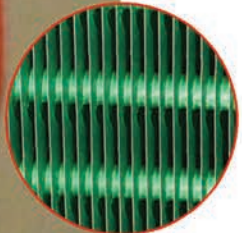
IQube Features & Benefits



Energy Efficient EC Fans for both
Condenser and Evaporator



Thermostatic Expansion Valve
for Efficient Cooling



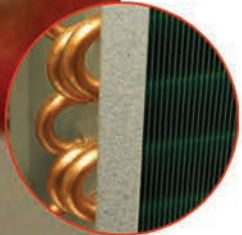
Anti-corrosion Hydrophilic Epoxy Green-Fin Coating
2 Years Leak Free Warranty



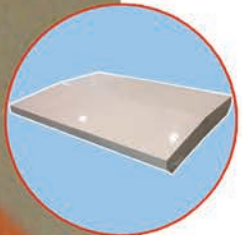
Solenoid Valve to Protect Compressor



White-powder Coated Cabinet
for Durability



Oversized Inner-Grooved Condenser Coil
for Maximum Efficiency



Easily Convert to Outdoor Application
with and Optional Outdoor Kit (Drain & Roof)



IQUBE TOP MOUNT PACKAGE UNIT



Model Nomenclature

IQ IQUBE	T T: TOP MOUNT S: SIDE MOUNT	103 Capacity : x 100 = BTUH	M M: MEDIUM / HIGH TEMPERATURE L: LOW TEMPERATURE	R Refrigerant : R404A	B A : 115V/60Hz/1 Ph B : 208~230V/60Hz/1Ph C : 208~230V/60Hz/3Ph D : 208~230V/50Hz/1Ph
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Performance and Electric Specifications

Medium Temp with Air Defrost

Model	Power Supply V/Hz/Ph	MCA	MOPD	Unit Amps	Evap Fan		NEMA Receptacle	Power Cord Supply	Refrig. Charge (Oz.)	Total Heat (BTU/H)	Unit Dim. Figure	Net Weight (Lbs.)
					Qty	CFM						
IQT031MRA	115/60/1	11.1	15	6.2	1	400	5-20R	YES	23	12600	1	128
IQT050MRA	115/60/1	14.5	20	11.4	1	400	5-20R	YES	34	16900	2	197
IQT050MRB	208-230/60/1	7.1	15	5.3	1	400	6-15R	YES	34	16900	2	195
IQT067MRB	208-230/60/1	9.1	15	6.4	2	800	6-15R	YES	36	16900	2	216
IQT075MRB	208-230/60/1	9.1	15	6.4	2	800	6-15R	YES	36	16900	2	226
IQT103MRB	208-230/60/1	12.7	20	9.2	3	1200	6-20R	YES	43	30700	3	295
IQT140MRB	208-230/60/1	15.9	20	11.4	3	1200	6-20R	YES	43	30700	3	304

Low Temp with Electric Defrost

Model	Power Supply V/Hz/Ph	MCA	MOPD	Unit Amps	Evap Fan		NEMA Receptacle	Power Cord Supply	Refrig. Charge (Oz.)	Total Heat (BTU/H)	Unit Dim. Figure	Net Weight (Lbs.)
					Qty	CFM						
IQT042LRB	208-230/60/1	6.8	15	9.5	2	800	6-20R	YES	23	16900	2	218
IQT066LRB	208-230/60/1	20	25	13	3	1200	N/A	NO	25	30700	3	300
IQT100LRB	208-230/60/1	27	30	18.7	3	1200	N/A	NO	35	44100	4	314

Medium Temp with Air Defrost

Model	Compressor	Capacity (BTUH) @ Ambient Temp 90 F - 110 F							
		90 F		95 F		100 F		110 F	
		Holding / Room Temperature °F							
		35 F	38 F	35 F	38 F	35 F	38 F	35 F	38 F
IQT031MRA	SC15MLX.2	3200	3400	3180	3380	3150	3350	3100	3300
IQT050MRA	SC15MLX.2	5250	5540	5020	5350	4890	5210	4490	4790
IQT050MRB	SC15MLX.2	5250	5540	5020	5350	4890	5210	4490	4790
IQT067MRB	SC18MLX.2	7570	8030	6960	7390	6700	7110	5800	6160
IQT075MRB	SC18MLX.2	8070	8700	7250	7800	6900	7420	5930	6390
IQT103MRB	MTZ018-1VM	10530	11350	10340	11140	9580	10340	8460	9150
IQT140MRB	MTZ022-1VM	16400	17760	15430	16740	14460	15730	13980	15220

Low Temp with Electric Defrost

Model	Compressor	Capacity (BTUH) @ Ambient Temp 90 F - 110 F							
		90 F		95 F		100 F		110 F	
		Holding / Room Temperature °F							
		-10 F	0 F	-10 F	0 F	-10 F	0 F	-10 F	0 F
IQT042LRB	NTZ048-1VM	4500	5740	4710	5400	3820	4940	3310	4170
IQT066LRB	NTZ068-1VM	7120	8540	6510	7910	5910	7130	4850	6670
IQT100LRB	NTZ096-1VM	11265	12706	8998	11587	9143	10291	7106	10669

Universal Replacement Parts

IQUBE TOP MOUNT PACKAGE UNIT



Dimensional Data

Figure 1

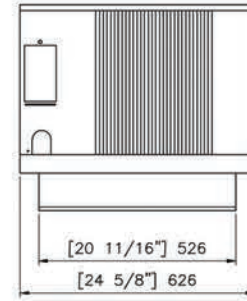
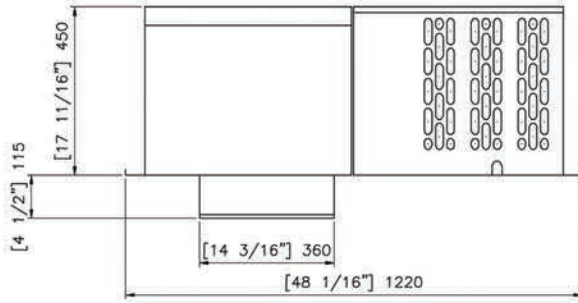


Figure 2

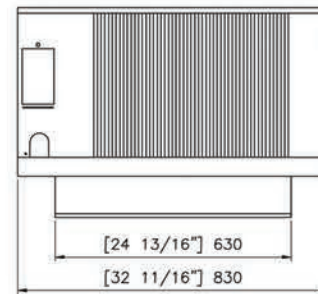
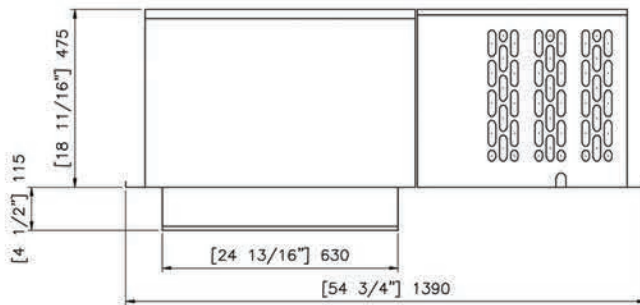


Figure 3

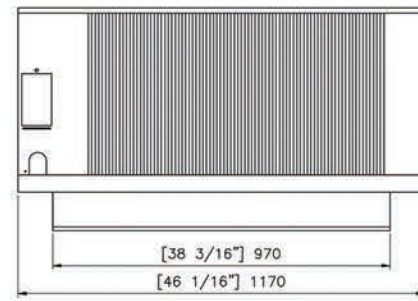
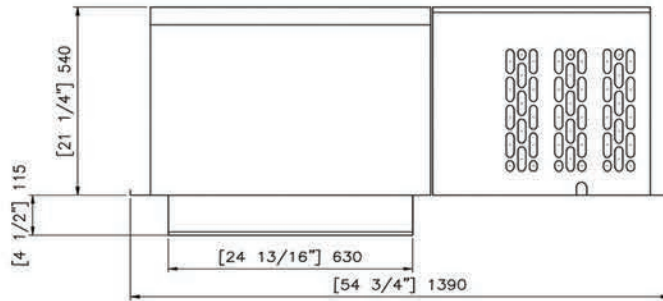
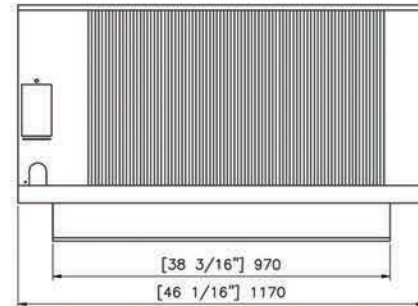
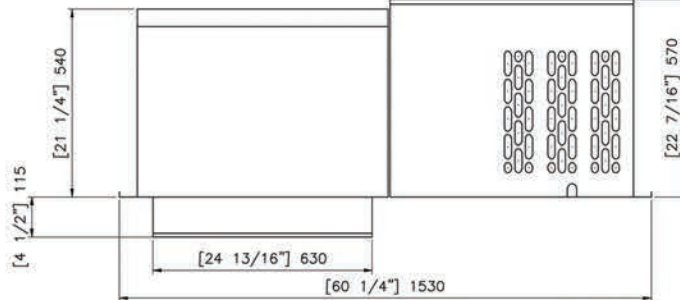


Figure 4



Universal Replacement Parts

IQUBE TOP MOUNT PACKAGE UNIT



Dimensional Data with Outdoor Kit

Figure 5 [Figure 2 with outdoor kit]

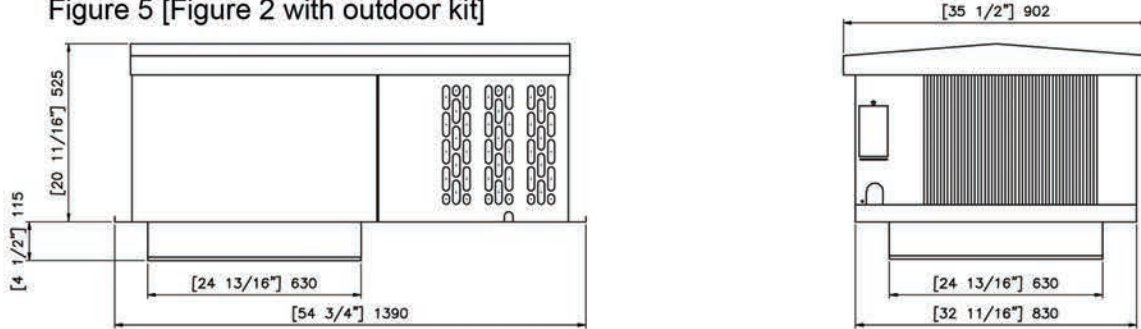


Figure 6 [Figure 3 with outdoor kit]

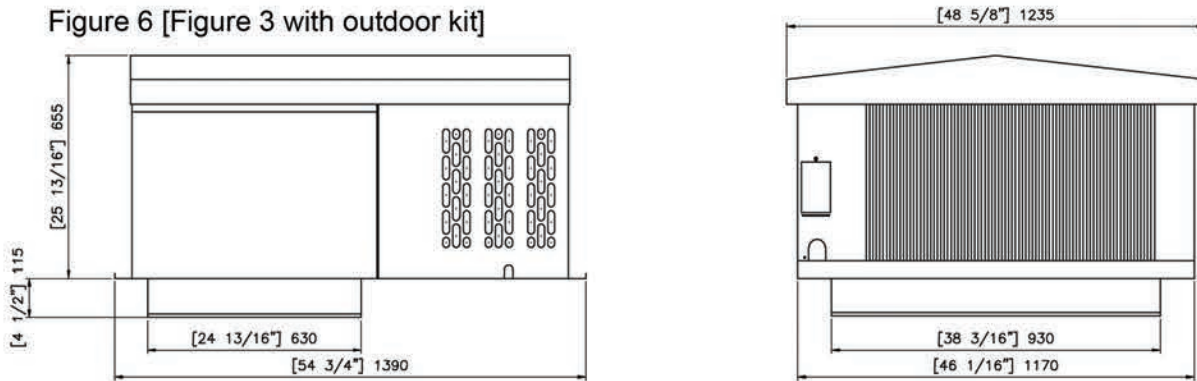
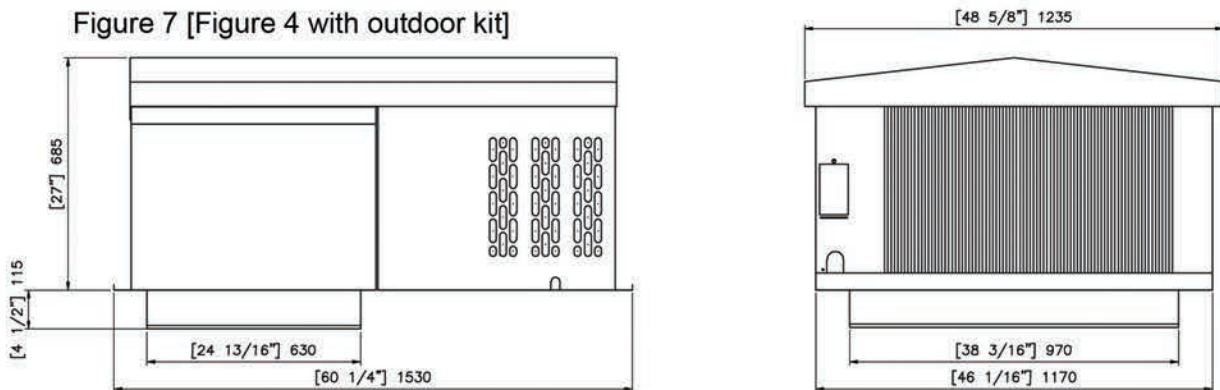


Figure 7 [Figure 4 with outdoor kit]



Universal Replacement Parts

IQUBE SIDE MOUNT PACKAGE UNIT

Performance and Electrical Specifications

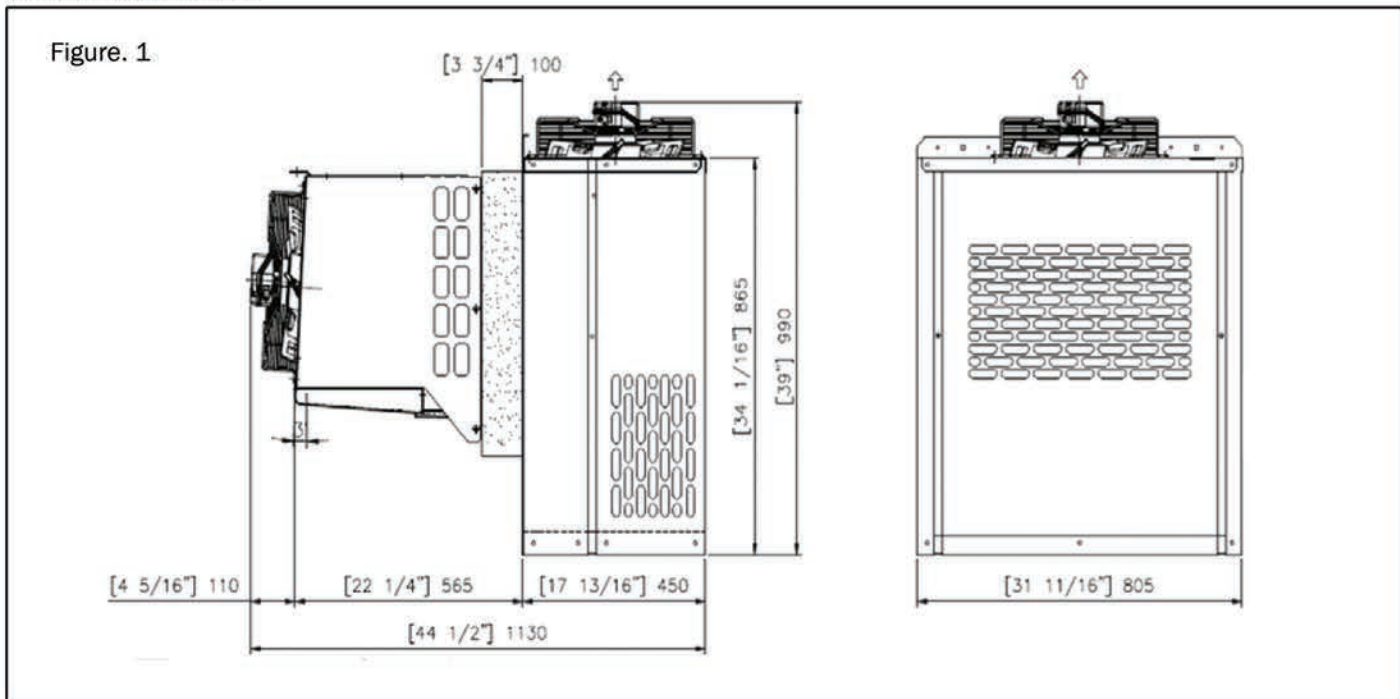
Extended Temperature with Electric Defrost

Model	Power Supply V/Ph/Hz	MCA	MOPD	Unit Amps	RLA	LRA	NEMA Recept.	Supplied Plug	Evap Fan QTY	Unit Dim. Figure	Weight (lb/kg)
IQS020XRB	208-230/1/60	20.5	35	18.5	15.7	61	N/A	No	1	Fig. 1	275/125
IQS030XRB	208-230/1/60	26.8	45	24.2	20.7	95	N/A	No	1	Fig. 1	291/132

Extended Temperature with Electric Defrost

Model	Compressor	Capacity (BTUH) @ Ambient Temp 90 °F - 110 °F							
		90 °F		95 °F		100 °F		110 °F	
		Holding / Room Temperature °F							
		35 °F	0 °F	35 °F	0 °F	35 °F	0 °F	35 °F	0 °F
IQS020XRB	ZB15KQE-PFV	18760	9317	17900	9068	17025	8653	15205	7760
IQS030XRB	ZB21KQE-PFV	28015	13880	26730	13520	25430	12920	22725	11630

Dimensional Data



Universal Replacement Parts

“Soon To Be Released”



U.S. DEPARTMENT OF
ENERGY



SNAP
SIGNIFICANT · NEW · ALTERNATIVES · POLICY

***All Models will conform to
current DOE and EPA regulations.***



Remote Condensing Unit

*Medium Temperature
3/4HP ~ 5HP*



*Low Temperature
1HP ~ 5HP*



Side Mount Package Unit

*Medium Temperature
3,000 BTU ~ 14,000 BTU*

*Low Temperature
4,000 BTU ~ 9,500 BTU*

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