

FRIGO
ezy

R404A
Refrigerant



*Powered by Tecumseh Compressors
Medium & Low Temp Models*

SELF CONTAINED PLUG-IN REFRIGERATION SYSTEMS

World Class Brands in World Class Refrigeration Systems

FRIGO EZY PACK PRODUCT RANGE

Medium Temperature	Room Temperature	Nominal HP	Range	Capacity @ -5C SST/ +45C SCT
	+2C to -5C	1/3 to 3.5HP	9 Models	0.6kW to 5.3kW
Low Temperature	Room Temperature	Nominal HP	Range	Capacity @ -5C SST/ +45C SCT
	-15C to -20C	1/2HP to 4.0HP	7 Models	0.5kW to 4.0kW

BENEFITS:

- Compact robust framework, powder coated for protection against the elements
- Light weight
- Reduced installation space
- Easy installation
- Reduced maintenance costs
- Easy access to all components for service and maintenance
- Easy-to-use electronic controller



FEATURES:

Renowned Component Brands

Compressor	Tecumseh (L'Unite)
Controller	Dixell
Drier	Danfoss
TX Valve	Danfoss

- Electric defrost on MT & LT models
- Fully wired electrical control panel
- Low noise levels - low vibration levels
- Protection for overload, high pressure
- Tecumseh sealed compressor

- Condenser with hydrophilic aluminium fins and high efficiency inner grooved tube
- Liquid line drier
- Liquid line sight glass
- Single HP & LP switch
- Crankcase heater
- External rotor condenser fan
- External rotor evaporator fan
- R404A refrigerant operating charge

APPLICATIONS:

Small cold and freezer room applications where convenience is required. Simply cut an aperture in the insulated panel, seal insulation and plug the unit in.

ADVANTAGES:

The 'Plug-in' series can be removed by simply disconnecting the power and it slides out. The unit can be transported to a service centre, eliminating expensive travel costs and down time.



MODEL NOMENCLATURE - RA FRIGO EZY PACK SERIES

Example: FEPI-125M

Nomenclature

FE = Frigo Ezy
PI = Plug In / DI = Drop In
125 = HP/100 = 1-1/4HP

Legend

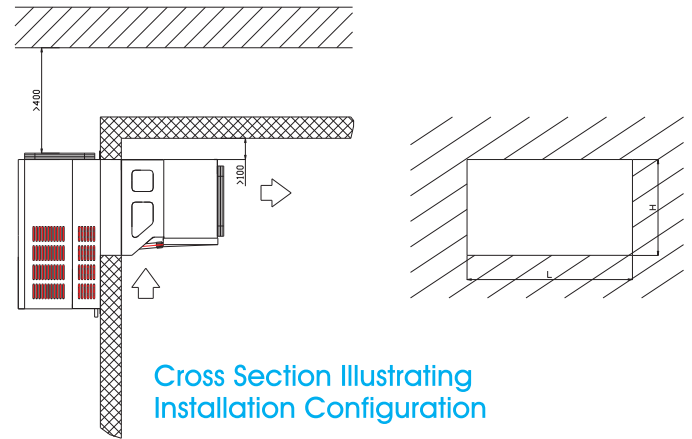
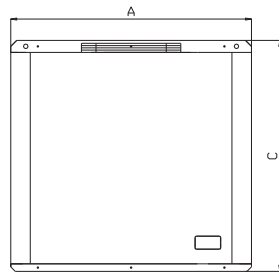
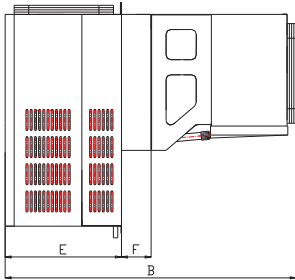
M = Medium Temp
L = Low Temp

FRIGO EZY Self Contained Plug-In Refrigeration Systems Capacity Tables											
Medium Temperature Models			FEPI-33M	FEPI-50M	FEPI-63M	FEPI-100M	FEPI-125M	FEPI-175M	FEPI-200M	FEPI-275M	FEPI-350M
Capacities rated at +35°C Ambient - see correction factors for other ambient conditions			+2C Room Temperature (Optimum)								
Refrigerant			R404A								
Power Supply			220V/1PH/50HZ						380V/3PH/50HZ		
Compressor Data	Model		AEZ3440Z	CAE9460Z	CAE9470Z	CAJ9510Z	CAJ4517Z	CAJ4519Z	FH4524Z	TFH4531Z	TFH4540Z
	Displacement	cm3	7.6	11.3	13.3	18.3	25.95	34.45	43.5	56.65	74.25
	Nominal HP	HP	1/3	1/2	5/8	1	1.25	1.75	2	2.75	3.5
Refrigeration Capacity	te 0°C	Qo	743	1092	1300	1860	2670	3470	4070	5200	6700
	te -5°C	Qo	590	857	1030	1470	2100	2740	3100	4000	5260
	te -10°C	Qo	462	660	800	1150	1600	2120	2290	3000	4000
Air Cooled Condenser	Surface Area	m2	3.7	3.7	5.6	6	9	12.4	16.6	18	24
	Face Area	m2	0.11	0.11	0.11	0.17	0.17	0.24	0.24	0.34	0.34
	Fin Spacing	mm	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Fan number	Qty	1	1	1	1	1	1	1	2	2
	Fan Diameter	mm	250	250	250	300	300	300	300	300	300
	Fan Voltage	V	220	220	220	220	220	220	220	220	220
	Fan Power	W	75	75	75	80	80	155	155	2 x 80	2 x 80
	Fan Amps Each	A	0.5	0.5	0.5	0.4	0.4	0.75	0.75	2 x 0.4	2 x 0.4
Evaporator	Surface Area	m2	2.8	4	5	7	8.3	12	14.2	17.2	20.6
	Face Area	m2	0.1	0.1	0.1	0.18	0.18	0.25	0.25	0.36	0.36
	Fin Spacing	mm	4	4	4	4	4	4	4	4	4
	Fan number	Qty	1	1	1	1	1	1	1	2	2
	Fan Diameter	mm	250	250	250	300	300	300	300	300	300
	Fan Voltage	V	220	220	220	220	220	220	220	220	220
	Fan Power	W	75	75	75	80	80	155	155	2 x 80	2 x 80
	Fan Amps Each	A	0.5	0.5	0.5	0.4	0.4	0.75	0.75	2 x 0.4	2 x 0.4
Defrost Data	Watts	W	Electric								
	Amps	A	600	600	600	900	900	1100	1100	1600	1600
Expansion Valve Detail			0.4	0.6	0.8	1.2	1.5	2.1	2.4	3.2	4.2
Weight (kg)	Net Weight	Kg	60	63	65	93	98	110	115	170	180
	Gross Weight	Kg	85	88	92	123	130	140	144	200	210
Operating Charge	R404A	Kg	0.4	0.6	0.8	1.2	1.5	2.1	2.4	3.2	4.2

FRIGO EZY Self Contained Plug-In Refrigeration Systems Capacity Tables									
Low Temperature Models			FEPI-50L	FEPI-63L	FEPI-100L	FEPI-150L	FEPI-200L	FEPI-300L	FEPI-400L
Capacities rated at +35°C Ambient - see correction factors for other ambient conditions			-20C Room Temperature (Optimum)						
Refrigerant			R404A						
Power Supply			220V/1PH/50HZ				380V /3PH/50HZ		
Compressor Data	Model		CAE2420Z	CAE2424Z	CAJ2446Z	CAJ2464Z	FH2480Z	TFH2511Z	TAG2516Z
	Displacement	cm3	12.6	15.1	26.2	34.5	53.2	74.25	112.5
	Nominal HP	HP	0.5	0.6	1	1.5	2	3	4
Refrigeration Capacity	te -20°C	Qo	650	760	1440	1890	2660	3800	5330
	te -25°C	Qo	500	580	1120	1500	1990	2900	4000
	te -30°C	Qo	357	410	800	1100	1320	2016	2700
Air Cooled Condenser	Surface Area	m2	3.7	3.7	6	9	12.4	16.6	24
	Face Area	mm	0.11	0.11	0.17	0.17	0.24	0.24	0.34
	Fin Spacing	mm	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Fan number	Qty	1	1	1	1	1	1	2
	Fan Diameter	mm	250	250	300	300	300	300	300
	Fan Voltage	V	220	220	220	220	220	220	220
	Fan Power	W	75	75	80	80	155	155	2 x 80
	Fan Amps Each	A	0.5	0.5	0.4	0.4	0.75	0.75	2 x 0.4
Evaporator	Surface Area	m2	2.7	3.5	5	6	8.5	10	15
	Face Area	m2	0.1	0.1	0.18	0.18	0.25	0.25	
	Fin Spacing	mm	6	6	6	6	6	6	6
	Fan number	Qty	1	1	1	1	1	1	2
	Fan Diameter	mm	250	250	300	300	300	300	300
	Fan Voltage	V	220	220	220	220	220	220	220
	Fan Power	W	75	75	80	80	155	155	2 x 80
	Fan Amps Each	A	0.5	0.5	0.4	0.4	0.75	0.75	2 x 0.4
Defrost Data	Watts	W	Electric						
	Amps	A	900	900	1350	1350	1650	1650	2400
Expansion Valve Detail			TES2-0.21	TES2-0.21	TES2-0.45	TES2-0.45	TES2-0.6	TES2-1.2	TES2-1.2
Weight (kg)	Net Weight	Kg	61	63	67	93	110	115	180
	Gross Weight	Kg	85	88	92	123	140	145	2210
Operating Charge	R404A	Kg	0.6	0.8	1.2	1.5	2.4	3.2	4.2

Capacity Correction Factors for other ambient temperatures	
32C	1.03
35C	1.00
38C	0.97
43C	0.92

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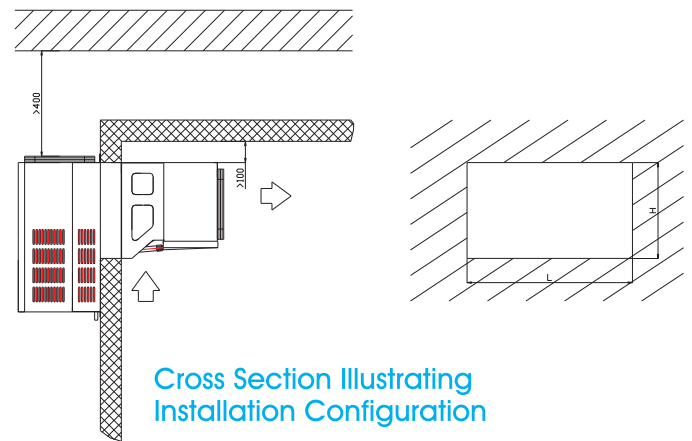
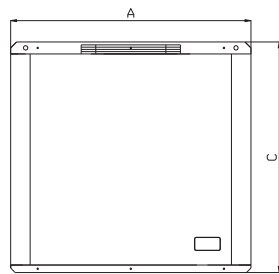
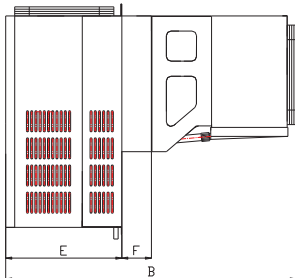


Cross Section Illustrating Installation Configuration

General Drawing of Plug-In Unit

TABLE OF DIMENSIONS									
Model	FEPI-33M	FEPI-50M	FEPI-63M	FEPI-100M	FEPI-125M	FEPI-175M	FEPI-200M	FEPI-275M	FEPI-350M
A	490	490	490	620	620	800	800	1090	1090
B	920	920	920	995	995	995	995	995	995
C	665	665	665	765	765	765	765	765	765
E	340	340	340	390	390	390	390	390	390
F	100	100	100	100	100	100	100	100	100
L	445	445	445	575	575	755	755	1045	1045
H	360	360	360	455	455	455	455	455	455

DRAWINGS & DIMENSIONS DATA - LOW TEMPERATURE MODELS



Cross Section Illustrating Installation Configuration

General Drawing of Plug-In Unit

TABLE OF DIMENSIONS							
Model	FEPI-50L	FEPI-63L	FEPI-100L	FEPI-150L	FEPI-200L	FEPI-300L	FEPI-400L
A	490	490	620	620	800	800	1090
B	970	970	1045	1045	1045	1045	1045
C	665	665	765	765	765	765	765
E	340	340	390	390	390	390	390
F	150	150	150	150	150	150	150
L	445	445	575	575	755	755	1045
H	360	360	455	455	455	455	455