

M6WH-0036-IAA-021

HFC, R-404A, 60Hz, 1-Phase, 115V

Availability: Standard US OEM

Summary

Mechanical	
Unit Height (in):	9.8
Unit Length (in):	18.2
Unit Width (in):	12.9
Ship Weight (lbs):	45.0
Condenser Type:	Water
CopeVap Water Storage:	NA
Liquid Connection Size (in)/Type:	0.25 SWEAT
Suction Connection Size (in)/Type:	0.375 SWEAT
Discharge Line Size(in):	0.25
Water Inlet (in):	0.375 OD
Water Outlet (in):	0.5 OD
Oil Type:	POE
Oil Recharge Amount (oz):	12
Electrical	
Max Fuse Size:	15
Min Circuit Ampacity:	7.7
Compressor:	ASE24C5E-IAA-103
Compressor LRA - Low:	
Compressor LRA - High:	39
Compressor LRA - Half winding:	
Compressor RLA	6.2

UL:	Listed
UL File #:	SA633
UL Guide Card:	LZFE

Amps Per Motor:

Fan Motor Quantity:

Water- Cooled Unit Performance

Release Date:	7/28/2017 12:00:00 AM	Return Gas Temp. (°F):	40
Compressor:	ASE24C5E-IAA-103 x 1	Subcooling (°F):	5
Performance No:	12306	Condenser Water Inlet Temp.(°F):	75

Water Temp Diff.(°F): 20

105 °F Condensing Temperature

Evap Temp(°F)	Unit Capacity (BTU/hr)	Cond Water(Gal/min)	(PSI)
-10	1,270	0.2	0.3
-5	1,560	0.2	0.3
0	1,820	0.3	0.3
5	2,050	0.3	0.3
10	2,290	0.3	0.3
15	2,550	0.4	0.3
20	2,850	0.4	0.3
25	3,220	0.5	0.3
30	3,680	0.5	0.3

Components

Part Number: 066-0298-01

Qty Per Unit: 1

UI No: 415

Status:

Type: A

BOM Status:

Coil

Length (in): 9.938

Width (in): 6.625

Height (in): 2.875

Diameter (in): 6.625

Water Tube OD (in): 0.5

Water Inlet (in): 0.375 OD

Ref. Tube ID (in): 0.38

Water Outlet (in): 0.5 OD

Ref. Inlet ID (in): 0.375

Ref. Outlet ID (in): 0.375

Tube Height (in): 3

Receiver

Part Number: 077-0074-00

Qty Per Unit: 1

Capacity (lbs):

Pressure (psi):

UI No:

Status:

Length (in):

Diameter (in):

Ref. Inlet (in):

Ref. Outlet (in):

Water Inlet (in):

Water Outlet (in):

Compressor

Model: ASE24C5E-IAA

LoLRA:

HiLRA: 39

Half Winding LRA:

Oil Type: POE

Init Oil Charge: 12

RLA(MCC/1.4): 6.2

Base Valves

Part No	Quantity
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510-7022-02	1
510-7113-00	1

Service Parts

Reference	Component	Quantity	Description
	005-7201-00	1	COVER-BOX
	005-7233-00	1	COVER-ELEC BOX SPACER
	022-0414-36	1	BASE-UNIT
	062-7045-00	1	BOX-ELECTRICAL
	062-7048-01	1	BOX-ELECTRICAL
	066-0298-01	1	CONDENSER-WATER
	077-0074-00	1	TANK-LIQUID REC ASSM
	510-7022-02	1	VALVE-BASE ASSM
	510-7113-00	1	VALVE-ROTALOCK SHUT OFF
	529-0112-18	1	CABLE-CONTROLLER ASSM
	566-1145-05	1	CONDENSER GROUP
	914-0053-09	1	CAP START KIT
	929-0113-00	1	EUC DLT SENSOR KIT
	929-0114-00	1	SUCTION PRESSURE TRANSDUCER KIT
	940-0150-64	1	RELAY-CURRENT KIT
	943-0152-00	1	115V EUC-STANDARD CONTROL
	971-0554-42	1	EXTERNAL PROTECTOR KIT
	985-7031-03	1	HP CONTROL KIT
	ASE24C5E-IAA-901	1	WELD COMP

Unit Model: M6WH-0036-IAA-021
Compressor: ASE24C5E-IAA-103
Condenser: 066-0298-01 x 1
Refrigerant: R-404A
Unit Dimensions: 18.23" L x 12.88" W x 9.8" H

COOLER AWEF

Indoor: N/A
Outdoor: N/A
Return Gas Temp. (°F): 40
Subcooling (°F): 5
Condenser Water Inlet Temp.(°F): 75
Condenser Water Outlet Temp (°F):
Unit Dwg. No: 496-7148-09

FREEZER AWEF

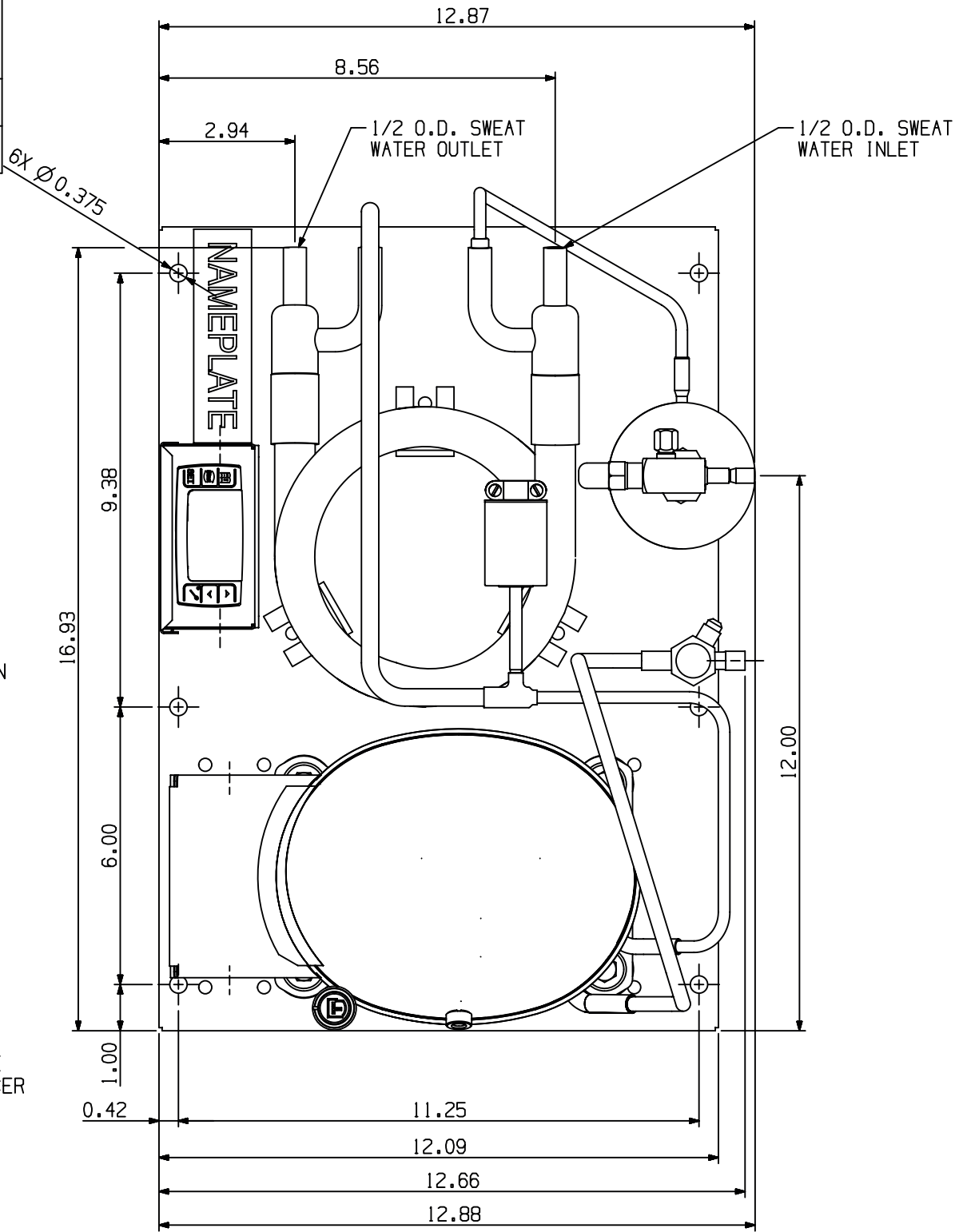
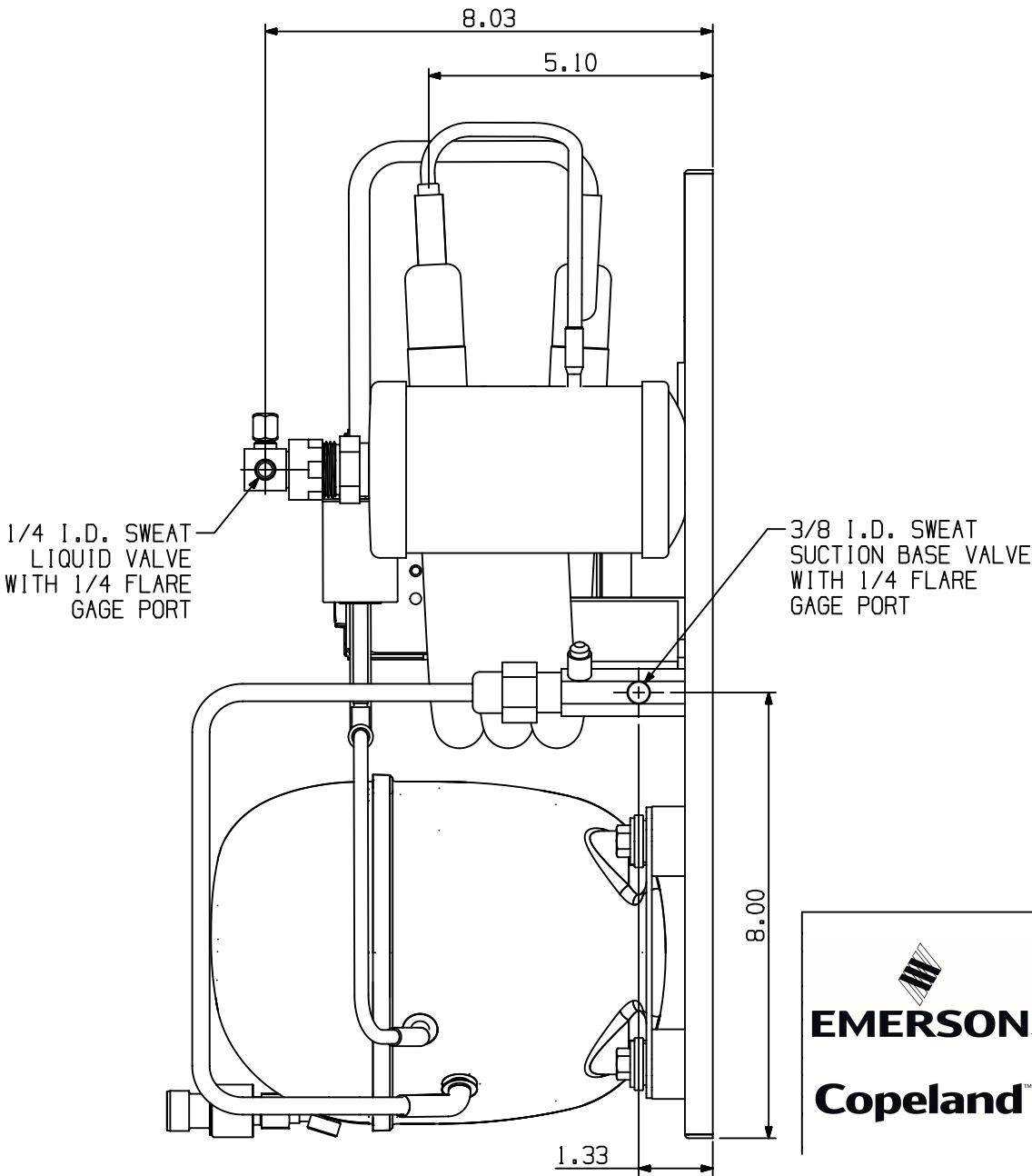
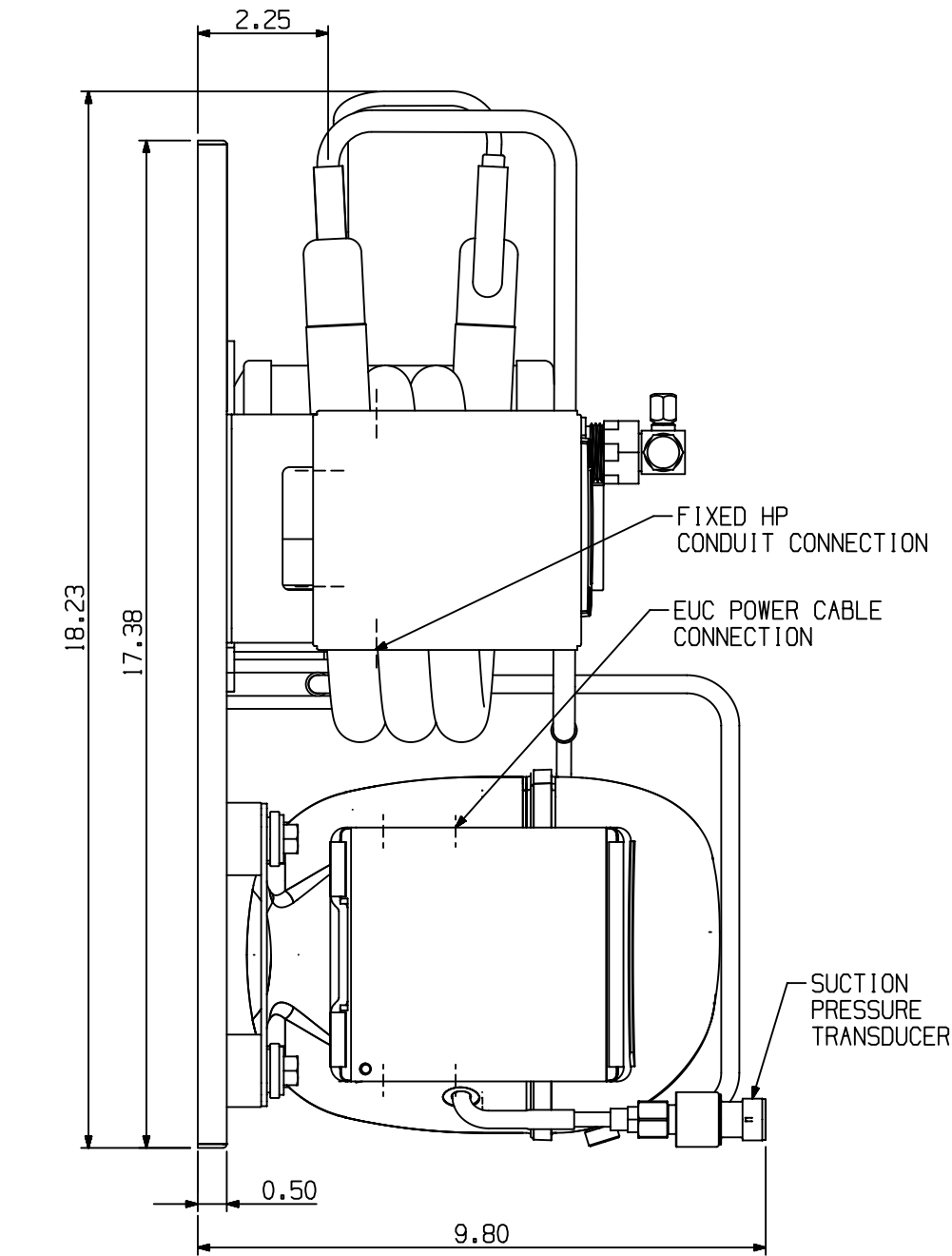
Indoor: N/A
Outdoor: N/A

Performance: 105 °F Condensing Temperature

Evap Temp(°F)	Capacity (BTU/hr)	Power (Watts)	EER (BTU/Wh)	Cond Water(Gal/min)	Water Press. Drop (PSI)
-10	1,270	352	3.6	0.2	0.3
-5	1,560	365	4.3	0.2	0.3
0	1,820	381	4.8	0.3	0.3
5	2,050	399	5.1	0.3	0.3
10	2,290	419	5.5	0.3	0.3
15	2,550	439	5.8	0.4	0.3
20	2,850	458	6.2	0.4	0.3
25	3,220	476	6.8	0.5	0.3
30	3,680	491	7.5	0.5	0.3

Performance 12306

UNIT MODEL NUMBER	COMPRESSOR MODEL NUMBER
M6WH-0036-1AA-021	ASE24C5E-1AA
M6WH-0043-1AA-021	ASE28C5E-1AA



NOTES:

- UNIT PUMPDOWN CAPACITY AT 90%

R-12	2.0 LBS
R-22	1.8 LBS
R-134a	1.8 LBS
R-404A	1.6 LBS
R-407A	1.7 LBS
R-407C	1.7 LBS
R-502	1.8 LBS
R-507	1.6 LBS
R-448A	1.6 LBS
R-449A	1.7 LBS
R-450A	1.8 LBS
R-513A	1.7 LBS

- ALL OPENINGS MUST B CAPPED OR PLUGGED.



INTERPRET PER ASME Y14.5M-1994 AND EMERSON DESIGN STANDARDS DS2002
 DO NOT SCALE DRAWING

CRITICAL PRODUCT CHARACTERISTICS
 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCH OR (MILLIMETER)
 TOLERANCES:
 2-PLACE ±
 3-PLACE ±
 ANGULAR ±

ECN310205	0	RELEASED	02-19-19	SCM	SSD
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MATERIAL SPECIFICATION		DRAWN BY SCM	SUPERSEDES DWG NO /	REV NO	
		DATE 02-19-19	SCALE 5:8	DATE FORMAT: MM-DD-YY	
TITLE REF DWG-WELD UNIT ASSM			DRAWING NUMBER 496-7148-09	SHEET 1 OF 1	DWG 4 SIZE

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