

8

7

6

5

4

3

2

1

MODEL NUMBER

YA34K1E-TF5/TFD/TFE

YA36K1E-TFD/TFE/TF5

YA38K1E-TFD/TFE/TF5

YA40K1E-TFE/TF5/TFD

YA42K1E-TFD/TF5/TFE

YA44K1E-PFV/TF5/TFD/TFE

YA49K1E-PFV/TFD/TFE/TF5

YA51K1E-PFV/TF5/TFD/TFE

YP34K1T-TF5/TFE/TFD

YP38K1T-TF5

YP40K1T-TF5/TFE/TFD

YP42K1T-TF5/TFE/TFD

ZP34K5E-TFD/TFE/TF5

ZP36K5E-TFD/TFE/TF5

ZP38K5E-TFD/TFE/TF5

ZP39K5E-TFD/TFE/TF5

ZP42K5E-TFD/TFE/TF5

ZP44K5E-PFV/TFD/TFE/TF5

ZP49K5E-PFV/TFD/TFE/TF5

ZP51K5E-PFV/TFD/TFE/TF5

ZP54K5E-PFV/TFD/TFE/TF5/TF7

YP44K1T-TF5/TFD/TFE

YP49K1T-TF5/TFD/TFE

YP51K1T-TF5/TFE/TF7/TFD

ZP34LXE-TFD/TFE/TF5

ZP39LXE-TFD/TFE/TF5

ZP42LXE-PFV/TFD/TFE/TF5

ZP51LXE-PFV/TFD/TFE/TF5

15

16

16

16

17

17

17

17

NOTES:

1 ALL TOLERANCES ± 1.5 (0.06)

UNLESS OTHERWISE SPECIFIED.

2 THE SUCTION TUBE, DISCHARGE TUBE, OIL EQUALIZER TUBE, GAS EQUALIZER TUBE AND CIRCLE FENCE RADIAL DIMENSIONS ARE TO BE GAUGED FROM THE CENTER OF THE MOUNTING HOLE PATTERN.

3. TUBES ENDS MUST BE PLUGED.

4. MOUNTING KIT:

|                   |             |
|-------------------|-------------|
| GROMMET DUROMETER | 4 FOOT KIT  |
| 60-70             | 527-0212-00 |

COMPRESSOR WIRING DIAGRAM

SINGLE PHASE MOTOR WITH

INTERNAL PROTECTION

USE COPPER CONDUCTORS ONLY. USE THIS EQUIPMENT ON A GROUNDED SYSTEM ONLY. USE MINIMUM 75° C WIRE FOR AMPACITY DETERMINATION. INTERNAL MOTOR PROTECTION ALLOW THE TIME FOR RESET. OVERCURRENT PROTECTION DEVICE RATING AND TYPE MUST BE IN ACCORDANCE WITH REGULATORY AGENCY END PRODUCT APPROVALS-SEE SYSTEM NAMEPLATE

COMPRESSOR WIRING DIAGRAM

THREE PHASE MOTOR WITH

INTERNAL PROTECTION

USE COPPER CONDUCTORS ONLY. USE THIS ON A GROUNDED SYSTEM ONLY. USE MINIMUM 75° C WIRE FOR AMPACITY DETERMINATION. INTERNAL MOTOR PROTECTION-ALLOW TIME FOR RESET. PRIMARY SINGLE PHASE FAILURE PROTECTION IS PROVIDED. CRANKCASE HEATER, WHEN APPLIED, MUST BE CONNECTED ONLY TO ITS RATED VOLTAGE. OVERCURRENT PROTECTION DEVICE RATING AND TYPE MUST BE IN ACCORDANCE WITH REGULATORY AGENCY END PRODUCT APPROVALS - SEE SYSTEM NAMEPLATE. TO CORRECT IMPROPER MOTOR ROTATION, SWITCH ANY TWO SUPPLY LINES.

MOTOR WINDING CONNECTION

ECN330389

17

ADD LXE MODELS

02-03-25

RAD

MA

ECN329867

16

ADD YA44/49/51K1E-PFV

12-10-24

RAD

MA

ECN328924

15

REDRAWN , ADDED YA44K1E-TF5

09-11-24

MA

TM

ECN100971

0

RELEASED

03-20-15

MA

PBM

ENG NOTICE NO.

REV.NO.

REVISIONS

DATE

BY

CHKD

24

(63 FR)

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INTERPRET PER ASME Y14.5M-1994 AND COPELAND DESIGN STANDARDS DS2002

DO NOT SCALE DRAWING

CRITICAL PRODUCT CHARACTERISTICS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER OR ( INCH )

1-PLACE ±

2-PLACE ±

ANGULAR ±

1

COPELAND

MATERIAL SPECIFICATION

N/A

DRAWN BY

MA

SUPERSEDES DWG NO /

497-1788-00 /

014

DATE

09-11-24

SCALE

1:2

DATE FORMAT:

MM-DD-YY

TITLE

REF DWG-WELD COMP ASSM

DRAWING NUMBER

497-1788-00

SHEET 1 OF 2

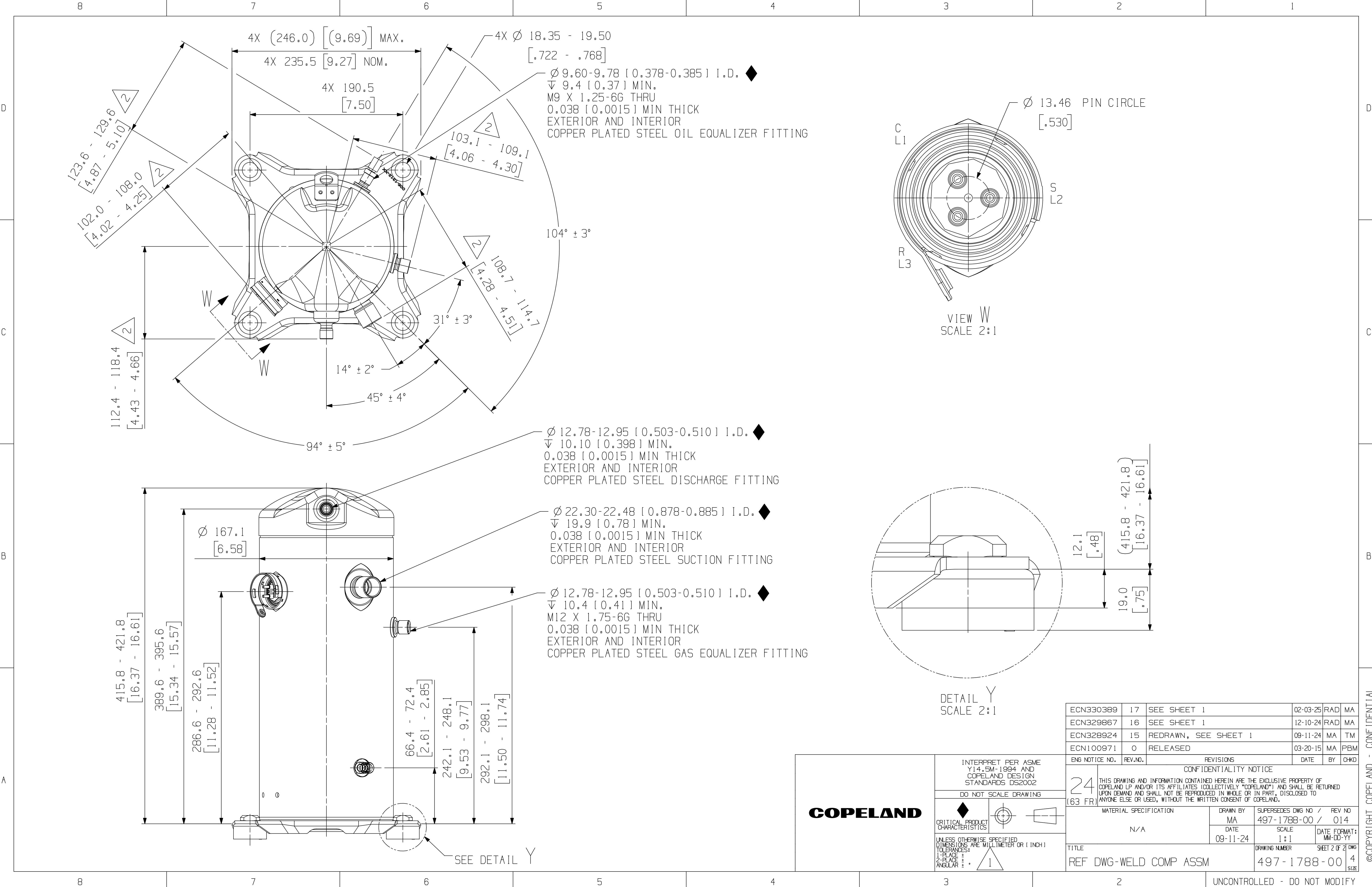
DWG

4

SIZE

UNCONTROLLED - DO NOT MODIFY

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|                     |                                                                                                                                 |  |                |  |                                                                                                                                                                                                                                                                                                                                 |  |                  |  |                                                 |  |                          |  |      |  |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------|--|----------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|--|-------------------------------------------------|--|--------------------------|--|------|--|
| <div>COPELAND</div> | INTERPRET PER ASME<br>Y14.5M-1994 AND<br>COPELAND DESIGN<br>STANDARDS DS2002                                                    |  | ENG NOTICE NO. |  | REV.NO.                                                                                                                                                                                                                                                                                                                         |  | REVISIONS        |  | DATE                                            |  | BY                       |  | CHKD |  |
|                     | DO NOT SCALE DRAWING                                                                                                            |  | 24<br>(63 FR)  |  | CONFIDENTIALITY NOTICE<br>THIS DRAWING AND INFORMATION CONTAINED HEREIN ARE THE EXCLUSIVE PROPERTY OF COPELAND LP AND/OR ITS AFFILIATES (COLLECTIVELY "COPELAND") AND SHALL BE RETURNED UPON DEMAND AND SHALL NOT BE REPRODUCED IN WHOLE OR IN PART, DISCLOSED TO ANYONE ELSE OR USED, WITHOUT THE WRITTEN CONSENT OF COPELAND. |  |                  |  |                                                 |  |                          |  |      |  |
|                     | CRITICAL PRODUCT CHARACTERISTICS                                                                                                |  |                |  | MATERIAL SPECIFICATION                                                                                                                                                                                                                                                                                                          |  | DRAWN BY<br>MA   |  | SUPERSEDES DWG NO / REV NO<br>497-1788-00 / 014 |  |                          |  |      |  |
|                     | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE MILLIMETER OR ( INCH )<br>TOLERANCES:<br>1-PLACE : ±<br>2-PLACE : ±<br>ANGULAR : ± |  |                |  | N/A                                                                                                                                                                                                                                                                                                                             |  | DATE<br>09-11-24 |  | SCALE<br>1 : 1                                  |  | DATE FORMAT:<br>MM-DD-YY |  |      |  |
|                     |                                                                                                                                 |  |                |  | TITLE                                                                                                                                                                                                                                                                                                                           |  | DRAWING NUMBER   |  | SHEET 2 OF 2                                    |  | DWG<br>4                 |  |      |  |
|                     |                                                                                                                                 |  |                |  | REF DWG-WELD COMP ASSM                                                                                                                                                                                                                                                                                                          |  | 497-1788-00      |  | 4                                               |  | SIZE                     |  |      |  |