



MODEL NUMBER
ZR19M3
ZR19M3E
ZP180KCE
ZH11M4E

SPECIFICATIONS	
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ES NO.	DESCRIPTION
ES92-155	CONVERSION-METRIC

NOTES:

1. ALL DIMENSIONS IN MILLIMETERS AND DEGREES. [DIMENSIONS IN INCHES]

2. ALL TOLERANCES  $\pm 1.5$  UNLESS OTHERWISE SPECIFIED.

3. MOUNTING KIT:

GROMMET DUROMETER	4 FOOT KIT
60-70	527-0159-00



4. TUBE ENDS MUST BE SEALED.

INTERNAL THERMAL PROTECT  
CAPTAINS THERMOQUES  
INTERNE THERMOPROTECTIONS

PROTECTOR THERMO  
CAPTAINS THERMOQUES  
INTERNE THERMOPROTECTIONS

DO NOT CONNECT TO A LOW VOLTAGE POWER SOURCE.  
NE PAS CONNECTER A UNE SOURCE D'ALIMENTATION A TENSION BASSA.  
NE PAS CONNECTER A UNE SOURCE D'ALIMENTATION A TENSION BASSA.

DO NOT OPEN THE COVER UNTIL THE SYSTEM HAS STOPPED.  
NE PAS OUVRIRE LE COUVERCLE JUSQU'A CE QUE LE SYSTEME AIT ARRÊTÉ.  
NE PAS OUVRIRE LE COUVERCLE JUSQU'A CE QUE LE SYSTEME AIT ARRÊTÉ.

NOTE: SOLID STATE MOTOR HAS 30 MINUTE TIME DELAY BEFORE RESEAL IN EVENT OF PROTECTIVE TRIP.  
REMARQUE: LE DÉMARRAGE DU MOTEUR A LA SUITE D'UN ARRÊT D'URGENCE EN RAISON D'UN DÉFICIT DE LA TENSION DE LA SOURCE D'ALIMENTATION SE FAIT APRÈS UN DÉLAI DE 30 MINUTES.

NOTE: IL Y A UN DÉLAI DE 30 MINUTES AVANT DE RESELER LE COMPRESSEUR APRÈS UN ARRÊT D'URGENCE EN RAISON D'UN DÉFICIT DE LA TENSION DE LA SOURCE D'ALIMENTATION.

NOTE: NOTISCHWELLENZEIT HAT EINE DELTETZEITUNG VON 30 MINUTEN ZUM RUECKSCHALTEN.  
REMARK: THE RESTARTING OF THE COMPRESSOR AFTER AN EMERGENCY STOP DUE TO A LOW VOLTAGE SUPPLY REQUIREMENT IS 30 MINUTES.

DUE TO ACCUMULATED ASSEMBLY TOLERANCES THE LISTED COMPONENTS MAY VARY FROM THE MOUNTING HOLES AS TABULATED.

SUCTION FITTING	$\pm 3.0$ [0.12]
DISCHARGE FITTING	$\pm 3.0$ [0.12]

ECM002343	7	UPDATED PICTORIALY (SIGHT GLASS)	03-23-10	JS	VC	VC
34-0606-019	6	LOGO BLOCK, SPEC REMOVED & FORMAT CHANGED	08-20-07	SUP	BF	CHK
32-1205-032	5	REDRAWN AND REVISED	12-21-05	JYU	AF	NH
32-0399-702	0	RELEASED	09-09-02	M.W.	JD	JD
ENG. NO.	REV. NO.	REVISIONS	DATE	BY	CHKD	APPR.

EMERSON Climate Technologies

Copeland

INTERPRET PER ASME Y14.5M-1994 AND EMERSON CLIMATE TECHNOLOGIES, INC. DESIGN STANDARDS DS22002 DO NOT SCALE DRAWING

CRITICAL PRODUCT CHARACTERISTIC UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER OR (INCH) TOLERANCES:  
1-PLACE  $\pm$   
2-PLACE  $\pm$   
ANGULAR  $\pm$  MIN

CONFIDENTIALITY NOTICE

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DATE	SCALE	DATE FORMAT:
09-09-02	1:2	MM-DD-YY
DRAWN BY	SUPERSEDES DWG. NO. / REV. NO.	
M.W.		
DATE		
09-09-02		
DRAWING NUMBER	SHEET 1 OF 1	
497-3559-00		

TITLE: REFR-COMPRESSOR ASSM