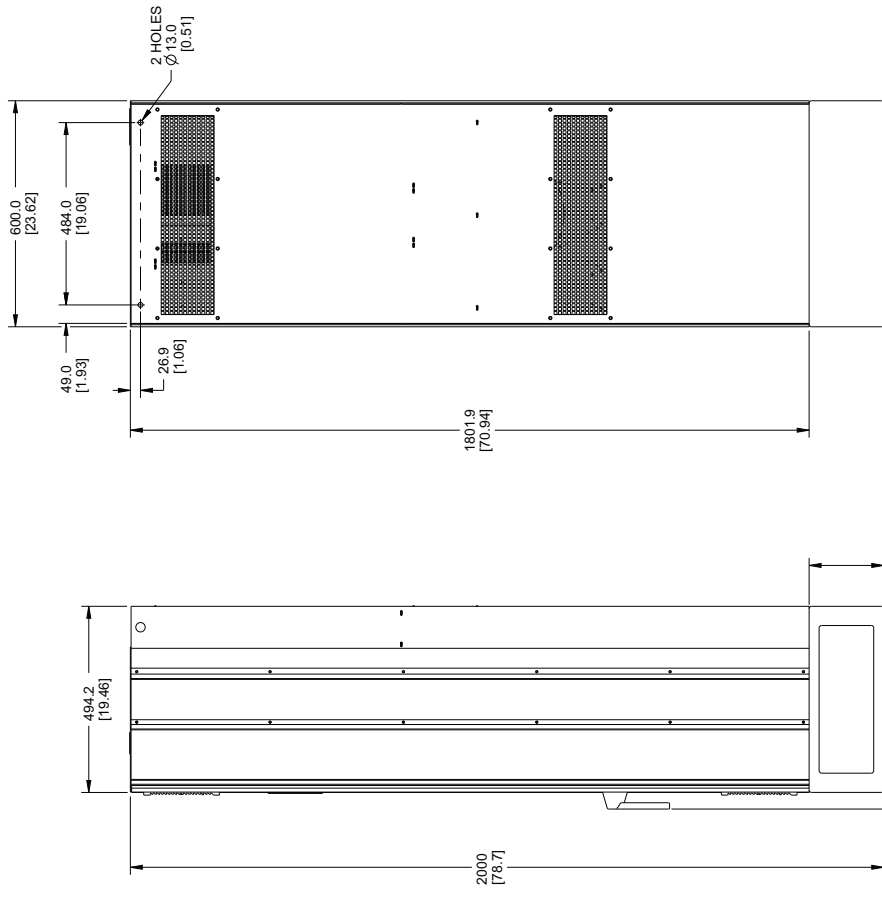


ZONE	REV	DATE	DESCRIPTION	DESIGNER	DATE	DRAWN	DATE	REVISED
A	77412	2008SEP08	ORIGINAL RELEASE	J. MEHAFFEY	2008SEP08	J. MEHAFFEY		
B	77597	2008OCT10	REV: ADDING 380V DRIVES	J. MEHAFFEY	2008OCT10	J. MEHAFFEY		
C	77597	2008OCT10	REV: NOTE 1 BY ADDING 550-600 VAC DRIVES	R. REDMOND	2008OCT10	R. REDMOND		
D	78165	2009OCT13	REV: NOTE 1 AND 5	R. REDMOND	2009OCT13	R. REDMOND		
B3			REV: NOTE 6: 150 METERS WAS 1.8. UPDATED VIEWS. ADDED BASE & DIMENSIONS 198 & 2000	J. MEHAFFEY	2009OCT13	J. MEHAFFEY		

- NOTES:
- FOR PROPER COOLING, REAR OF DRIVE MUST BE MOUNTED ON A SOLID, FLAT SURFACE, OR IF MOUNTED IN OPEN AREA, COVER VENT SLOTS IN THE BACK OF THE DRIVE.
 - DRIVE DOES NOT REQUIRE SIDE-BY-SIDE FREE AIR SPACE.
 - DRIVE MUST BE INSTALLED WITHIN 15.25 METERS (50 FEET) OF COMPRESSOR WITH UNSHIELDED MOTOR CABLES OR WITHIN 15.25 METERS (50 FEET) OF COMPRESSOR WITH SHIELDED CABLES.
 - DRIVE MUST HAVE SEMICONDUCTOR FAST BLOW FUSES (SEE INSTRUCTION MANUAL).
 - PRESSURE TRANSDUCER SHOULD BE MOUNTED AT COMPRESSOR DISCHARGE
 - PRESSURE TRANSDUCER MUST BE MOUNTED WITHIN 150 METERS (492 FEET) OF DRIVE.
 - SEE OPERATOR'S MANUAL FOR DRIVE CONTROLLER AND AC POWER TERMINAL LOCATIONS.
 - A SPREADER BAR IS REQUIRED WHEN LIFTING BY THE LIFTING HOLES.
 - RATED ALTITUDE: 1000 METERS (3281 FEET)
 - MAX CONTINUOUS TEMPERATURE: 46°C (115°F)
 - UL, cUL, AND CE APPROVED.
 - ESTIMATED SHIPPING WEIGHT: 272 KG (600 LBS.)
 - THIS DRAWING IS APPLICABLE FOR THE FOLLOWING NEMA 1 AND NEMA 12 DRIVES, WITH FUSED DISCONNECT WITH AND WITHOUT PFC:
380-600 VAC MODELS: IRV302P250T5E21 - IRV302P315T5E21 - IRV302P355T5E21
550-600 VAC MODELS: IRV302P250T5E54 - IRV302P315T5E54 - IRV302P355T5E54
550-600 VAC MODELS: IRV302P355T7E21 - IRV302P400T7E21 - IRV302P500T7E21
 - ALL DIMENSIONS ARE IN MM WITH INCHES IN PARENTHESIS.



THIS VIEW SHOWN FOR REFERENCE ONLY

		DRIVE, VF IRV 302 SERIES GENERAL ARRANGEMENT	
DO NOT SCALE DRAWING DRAWING TO BE USED TO ASSEMBLE PARTS CAD GENERATED DRAWING. NO MANUAL REVISIONS ALLOWED. UNLESS OTHERWISE SPECIFIED: - REMOVE ALL BURRS AND SHARP CORNERS - DIMENSIONS ARE TO BE TAKEN IN ACCORDANCE WITH ANSISWAWS A2.4 COPYRIGHT © 2009 INGERSOLL-RAND COMPANY ALL RIGHTS RESERVED	THIRD PARTY PROJECTION DATE: 2008SEP08 DATE: 2008SEP08 DATE: 2008SEP08 DATE: 2008SEP08	DRAWN: CHECKED: APPROVED: J. MEHAFFEY J. MEHAFFEY J. MEHAFFEY	TITLE SHEET: 0151 OF 01 PART: 23356512 UNIT: VIPER
STANDARD TOLERANCES: ALL DIMENSIONS ARE IN INCHES (IF SHOWN) UNLESS OTHERWISE SPECIFIED: HOLE : ± .01 ONE PLACE (XX) : ± 0.5 TWO PLACE (XX) : ± 0.25 ANGLES (A) : ± 1° <small>INCHES (MM) (IN) (MM) (IN) (MM) (IN) (MM) (IN) (MM)</small>		PROPRIETARY NOTICE: THIS DRAWING CONTAINS PROPRIETARY INFORMATION IS THE PROPERTY OF INGERSOLL-RAND CO. AND IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. THE DRAWING IS CONFIDENTIAL AND ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. ANY DISCLOSURE OF THIS INFORMATION TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF INGERSOLL-RAND COMPANY IS STRICTLY PROHIBITED. THIS DRAWING IS SUBJECT TO U.S. EXPORT ADMINISTRATION REGULATIONS AND OTHER APPLICABLE GOVERNMENT RESTRICTIONS OR REGULATIONS.	

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