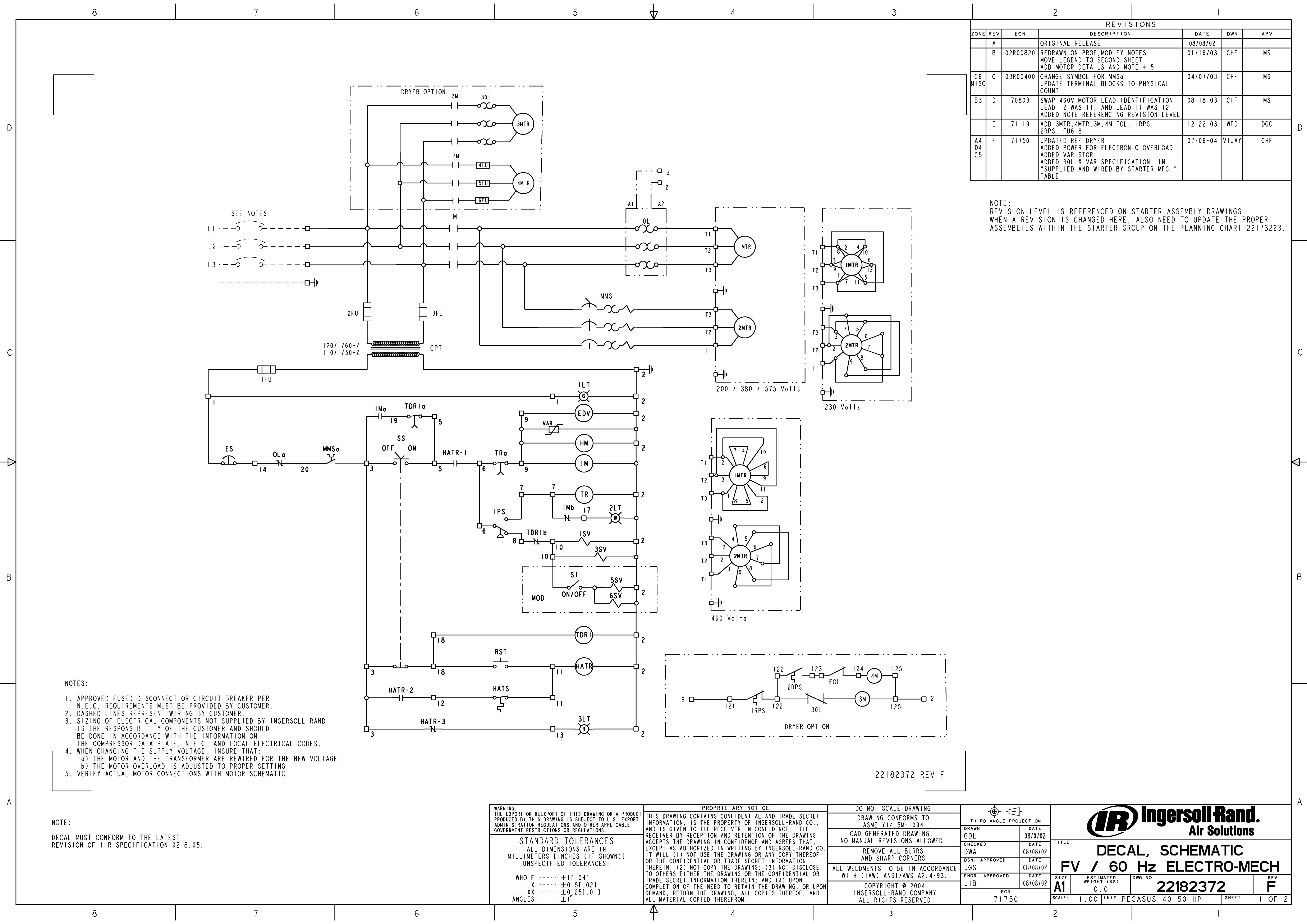




NOTE:
REVISION LEVEL IS REFERENCED ON STARTER ASSEMBLY DRAWINGS!
WHEN A REVISION IS CHANGED HERE, ALSO NEED TO UPDATE THE PROPER
ASSEMBLIES WITHIN THE STARTER GROUP ON THE PLANNING CHART 22173223.

- NOTES:
- 1. APPROVED FUSED DISCONNECT OR CIRCUIT BREAKER PER N.E.C. REQUIREMENTS MUST BE PROVIDED BY CUSTOMER.
 - 2. DASHED LINES REPRESENT WIRING BY CUSTOMER.
 - 3. SIZING OF ELECTRICAL COMPONENTS NOT SUPPLIED BY INGERSOLL-RAND IS THE RESPONSIBILITY OF THE CUSTOMER AND SHOULD BE DONE IN ACCORDANCE WITH THE INFORMATION ON THE COMPRESSOR DATA PLATE, N.E.C. AND LOCAL ELECTRICAL CODES.
 - 4. WHEN CHANGING THE SUPPLY VOLTAGE, INSURE THAT:
 - a) THE MOTOR AND THE TRANSFORMER ARE REWIRED FOR THE NEW VOLTAGE
 - b) THE MOTOR OVERLOAD IS ADJUSTED TO PROPER SETTING
 - 5. VERIFY ACTUAL MOTOR CONNECTIONS WITH MOTOR SCHEMATIC

NOTE:
DECAL MUST CONFORM TO THE LATEST
REVISION OF I-R SPECIFICATION 92-8.95.

WARNING: THE EXPORT OR REEXPORT OF THIS DRAWING OR A PRODUCT PRODUCED BY THIS DRAWING IS SUBJECT TO U.S. EXPORT ADMINISTRATION REGULATIONS AND OTHER APPLICABLE GOVERNMENT RESTRICTIONS OR REGULATIONS.		PROPRIETARY NOTICE THIS DRAWING CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION, IS THE PROPERTY OF INGERSOLL-RAND CO., AND IS GIVEN TO THE RECEIVER IN CONFIDENCE. THE RECEIVER BY RECEPTION AND RETENTION OF THE DRAWING ACCEPTS THE DRAWING IN CONFIDENCE AND AGREES THAT, EXCEPT AS AUTHORIZED IN WRITING BY INGERSOLL-RAND CO. IT WILL (1) NOT USE THE DRAWING OR ANY COPY THEREOF OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; (2) NOT COPY THE DRAWING; (3) NOT DISCLOSE TO OTHERS EITHER THE DRAWING OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; AND (4) UPON COMPLETION OF THE NEED TO RETAIN THE DRAWING, OR UPON DEMAND, RETURN THE DRAWING, ALL COPIES THEREOF, AND ALL MATERIAL COPIED THEREFROM.		DO NOT SCALE DRAWING DRAWING CONFORMS TO ASME Y14.5M-1994 CAD GENERATED DRAWING, NO MANUAL REVISIONS ALLOWED REMOVE ALL BURRS AND SHARP CORNERS ALL WELDMENTS TO BE IN ACCORDANCE WITH (1AW) ANSI/AWS A2.4-93. COPYRIGHT © 2004 INGERSOLL-RAND COMPANY ALL RIGHTS RESERVED		THIRD ANGLE PROJECTION DRAWN GDL DATE 08/0/02 CHECKED DWA DATE 08/08/02 DSN. APPROVED JGS DATE 08/08/02 ENGR. APPROVED JIB DATE 08/08/02 ECN 71750		IR Ingersoll Rand Air Solutions DECAL, SCHEMATIC FV / 60 Hz ELECTRO-MECH SIZE A1 ESTIMATED WEIGHT (KG) 0.0 DWG NO. 22182372 REV F SCALE: 1.00 UNIT: PEGASUS 40-50 HP SHEET 1 OF 2			
STANDARD TOLERANCES ALL DIMENSIONS ARE IN MILLIMETERS (INCHES (IF SHOWN)) UNSPECIFIED TOLERANCES: WHOLE ----- ±1(.04) .X ----- ±0.5(.02) .XX ----- ±0.25(.01) ANGLES ----- ±1°											

REVISIONS						
ZONE	REV	ECN	DESCRIPTION	DATE	DWN	APV
	A		ORIGINAL RELEASE	08/08/02		
	B	02R00820	REDRAWN ON PROE, MODIFY NOTES MOVE LEGEND TO SECOND SHEET ADD MOTOR DETAILS AND NOTE # 5	01/16/03	CHF	MS
C6 MISC	C	03R00400	CHANGE SYMBOL FOR MMSa UPDATE TERMINAL BLOCKS TO PHYSICAL COUNT	04/07/03	CHF	MS
B3	D	70803	SWAP 460V MOTOR LEAD IDENTIFICATION LEAD 12 WAS 11, AND LEAD 11 WAS 12 ADDED NOTE REFERENCING REVISION LEVEL	08-18-03	CHF	MS
	E	71119	ADD 3MTR, 4MTR, 3M, 4M, FOL, 1RPS 2RPS, FU6-8	12-22-03	WFD	DGC
A4 D4 C5	F	71750	UPDATED REF DRYER ADDED POWER FOR ELECTRONIC OVERLOAD ADDED VARISTOR ADDED 30L & VAR SPECIFICATION IN "SUPPLIED AND WIRED BY STARTER MFG." TABLE	07-06-04	VIJAY	CHF

22182372 REV F

8	7	6	5	4	3	2	1
ENGLISH (USA)		FRENCH (CANADA)		PORTUGUESE (BRAZIL)		SPANISH (MEXICO)	
LEGEND							
SUPPLIED AND WIRED BY I-R							
ABBR	DESCRIPTION						
FOL	OVERLOAD, INTERNAL FAN (OPTION)						
1MTR	COMPRESSOR MOTOR						
2MTR	FAN MOTOR						
3MTR	MOTOR, DRYER COMPRESSOR (OPTION)						
4MTR	MOTOR, DRYER FAN (OPTION)						
IPS	PRESSURE SWITCH						
1RPS	SWITCH, HIGH REFRIGERANT PRESSURE (OPTION)						
2RPS	SWITCH, FAN PRESSURE (OPTION)						
1SV	SOLENOID VALVE (LOAD) N.C.						
3SV	SOLENOID VALVE (BLOWDOWN) N.O.						
5SV	SOLENOID VALVE (MODULATION OPTION)						
6SV	SOLENOID VALVE (MODULATION OPTION)						
EDV	ELECTRIC DRAIN VALVE						
HATS	HIGH AIR TEMPERATURE SWITCH						
MOD	MODULATION CONTROL OPTION						
SI	SELECTOR SWITCH (MODULATION OPTION)						
SUPPLIED AND WIRED BY STARTER MFG.							
CPT	TRANSFORMER						
ES	EMERGENCY STOP SWITCH						
IFU	SECONDARY VOLTAGE FUSE						
2FU, 3FU	PRIMARY VOLTAGE FUSES						
4FU,5FU,6FU	FUSE, DRYER FAN (OPTION)						
HATR	RELAY, HIGH AIR TEMPERATURE						
HATR-1,2,3	RELAY CONTACTS						
HM	HOURLMETER						
ILT	POWER ON INDICATOR LIGHT (GREEN)						
2LT	AUTO RESTART INDICATOR LIGHT (WHITE)						
3LT	FAULT INDICATOR LIGHT (RED)						
1M	CONTACTOR, MAIN						
1Ma, b	CONTACTS, AUX. MAIN CONTACTOR						
3M	CONTACTOR, DRYER COMPRESSOR (OPTION)						
4M	CONTACTOR, DRYER FAN (OPTION)						
MMS	STARTER, & OVERLOAD, FAN MOTOR						
MMSa	CONTACT, FAN MOTOR OVERLOAD						
OL	OVERLOAD, MAIN MOTOR						
OLa	CONTACT, MAIN MOTOR OVERLOAD						
RST	RESET SWITCH						
SS	START SWITCH						
TDRI	RELAY, TIME DELAY (10 SEC.)						
TDRIa	RELAY CONTACT - TDRI - TIMED						
TDRIb	RELAY CONTACT - TDRI - INSTANT						
TR	RELAY, RESTART, TIME DELAY (6 MIN)						
TRa	RELAY CONTACT - TR						
VAR	VARISTOR						
3OL	OVERLOAD, DRYER COMPRESSOR (OPTION)						
PROPRIETARY NOTICE		THIS DRAWING CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION, IS THE PROPERTY OF INGERSOLL-RAND CO., AND IS GIVEN TO THE RECEIVER IN CONFIDENCE. THE RECEIVER BY RECEPTION AND RETENTION OF THE DRAWING ACCEPTS THE DRAWING IN CONFIDENCE AND AGREES THAT, EXCEPT AS AUTHORIZED IN WRITING BY INGERSOLL-RAND CO. IT WILL (1) NOT USE THE DRAWING OR ANY COPY THEREOF OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; (2) NOT COPY THE DRAWING; (3) NOT DISCLOSE TO OTHERS EITHER THE DRAWING OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; AND (4) UPON COMPLETION OF THE NEED TO RETAIN THE DRAWING, OR UPON DEMAND, RETURN THE DRAWING, ALL COPIES THEREOF, AND ALL MATERIAL COPIED THEREFROM.					
TITLE		DECAL, SCHEMATIC					
FV / 60 Hz ELECTRO-MECH							
SIZE	ESTIMATED WEIGHT (KG)	DWG NO.	REV				
A1	0.0	22182372	F				
SCALE:	1.00	UNIT: PEGASUS 40-50 HP	SHEET 2 OF 2				