

RHEEM MANUFACTURING CO.				RESEARCH & DEVELOPMENT DEPARTMENT			
R E V	07	REVISED ASSOCIATED COMPONENTS	113257	04	NO CHANGE TO DWG. PADDED FILE WITH HEX – FF TO 216	109791	
		BSB	8/28/23		BYTES	2/7/2023	
	08	UPDATED .TEXT FILE AND HUMAN READABLE.	115394	05	REVISED ASSOCIATED COMPONENTS	108940	
		AHT	1/24/2024		BSB	7/12/23	
	09	UPDATED MODLDATA, .TEXT FILE, HUMAN READABLE AND ASSOCIATED COMPONENTS.	118160	06	ADDED ASSOCIATED COMPONENTS	112357	
		BSB	7/24/2024		BSB	7/19/23	
STANDARD TOLERANCE UNLESS OTHERWISE NOTED: -FRACTIONAL ± 1/32 -ANGULAR +1° -3° -DECIMAL ± .030 -REFERENCE ()							
NOTE: ALL BRAKES ARE 90° UNLESS OTHERWISE SPECIFIED							

MODLDATA: •Ø 277: 0b-00-00-81-10-03-00: 312D4245: 39353830: MDPRTNUM: Model Data Part Number : "EB-108590-07-09"
PRMDLNUM: Product Model Number : "RP16AZ48A"
CMP_CRPM: Cool Charging Logic RPM : 3450 RPM
CMP_HRPM: Heat Charging Logic RPM : 3450 RPM
DFCMPSPD: Defrost Compressor Speed: 2415 RPM
ODU_TYPE: AC[0] or Heat Pump[1] : 1
ICOOLMAX: IDF Cooling Max CFM : 1450 CFM
ICOOLMIN: IDF Cooling Min CFM : 650 CFM
MAX_RPMC: Comp.Max Operate Cooling: 2415 RPM
MAX_RPMH: Comp.Max Operate Heating: 2415 RPM
CMP_TYPE: Compressor Type : 2 [Regal-Beloit] |||| :12: [Emerson 3stgEmerson VS Regal-BeloitBlue Star]
ODMAXRPM: Outdoor Fan Max Speed Ht: 1100 RPM
ODMINRPM: Outdoor Fan Min Speed Ht: 800 RPM
RPMRAMPD: Speed Reduction Rate : 250 RPM
RPMRAMPU: Incremental Speed Rate : 250 RPM
CMPRPMRV: Comp.Speed Rev.Vlv.Shift: 2185 RPM
ODU_SIZE: Compressor Size : 4.0 TONS
OILCDLAY: Comp Loss of Lube Pause : 600 SEC
OILR_RPM: Oil Recirculate Speed : 2400 RPM
OILCTIME: SH below SPT Pause Lube : 600 SEC
OILCRMPD: Comp Reduct Rate for Oil: 1000 RPM
OILCRMPU: Comp Increm.Rate for Oil: 2000 RPM
RPMBMULT: Cmp.Speed Block Mult. : 0.875
RPMBRANG: Cmp.Speed Block Range : 100 RPM
RPMB1_US: Cmp.Speed Block Range #1: 1800 RPM
RPMB2_US: Cmp.Speed Block Range #2: 8000 RPM
RPMB3_US: Cmp.Speed Block Range #3: 8000 RPM
FACTCHRG: Factory Charge Level : 10.25 LBS

EXVLSTRT: EXV Lo heat start : 40.00 %
EXV_SHSP: EXV Superheat Control Pt: 10 ΔF
IMODELID: Inverter Compressor ID : 0
COOLL RPM: Cool Low RPM : 1553
HEATL RPM: Heat Low RPM : 1553
IHEATMAX: IDF Heating Max CFM : 1450 CFM
IHEATMIN: IDF Heating Min CFM : 650 CFM
ODMXCRPM: Outdoor Fan Max Speed Cl: 1000 RPM
ODMNC RPM: Outdoor Fan Min Speed Cl: 650 RPM
EXV_COOL: EXV Operates in Cooling?: 0
EXV_ENAB: EXV Enabled? : 0
STARTRPM: Starting RPM : 1500
FANHIOAT: Fan Runs Hi Speed OAT : 115 °F
FANHIRPM: Fan Hi Hot RPM : 1175 RPM
FANHISLT: Fan Hi Sat. Liq. Temp : 140 °F
REFGTYPE: Compressor Type : 0 [R410a] |||| :5: [R410aR454b]
POWERFAC: Power Factor for drive : 0.900
DR_CYCON: Curtail On-cycle mins : 10.000 MIN
DR_CYCOF: Curtail Off-cycle mins : 5.000 MIN
JAGLCLCS: Jaguar low cool comp spd: 65535 RPM
JAGLHTCS: Jaguar low heat comp spd: 65535 RPM
JAGODFCP: Jaguar OD Fan Speed Cap : 65535 RPM
TARGHEAT: Target Heat Liquid Temp : 65535 °F
VICPLATE: Vapor Inject with Plate?: 255
MINSUCPC: Min Suction Press - Cool: NaN PSI
MINSUCPH: Min Suction Press - Heat: NaN PSI
TCHRGMOD: Timeout for Charge Mode : 7200 SEC
FBRECOVC: Fldbk Recovery Pres Cool: 95 PSI

FBRECOVH: Fldbk Recovery Pres Heat: 40 PSI
TARGC_X1: Target X1 Axis Value : 63 °F
TARGC_X2: Target X2 Axis Value : 115 °F
TARGC_Y1: Target Y1 Axis Value : 45 °F
TARGC_Y2: Target Y2 Axis Value : 56 °F
TARGH_X1: Target X1 Axis Value : 15 °F
TARGH_X2: Target X2 Axis Value : 52 °F
TARGH_Y1: Target Y1 Axis Value : 89 °F
TARGH_Y2: Target Y2 Axis Value : 101 °F
OILRTHRS: Oil Recirc Threshold Spd: 2300 RPM
OILRTIME: Oil Recir Acc Time Below: 9000 SEC
ODCUT_IN: OAT Compressor Cut-In : -28 °F
ODCUTOUT: OAT Compressor Cut-Out : -30 °F
TARGTIMC: Target Suction Time Cool: 30 SEC
TARGTIMH: Target Suction Time Heat: 60 SEC

- NOTE:
- 1. ALL FAN_FILE AND COMPFILE OBJECTS MUST BE TERMINATED TO THE 16TH CHARACTER WITH "."
 - 2. MOTOR SPEED VALUES FOR PSC MOTORS MUST ACCOUNT FOR MOTOR SLIP AND THUS MAY SEEM HIGHER THAN DELIVERED MOTOR SPEED.

CHECKED BY:	APPROVED BY:	RELIAB. ENGR.:	VENDOR APPROVAL:	DR. BY: MJM DATE: 05-02-22	ORIGINAL RELEASE No.: 105723	
MODLDATA (-)P16AZ36						PART NO. SHEET NO. EB-108590-07
						REV. 09