



Tecumseh Compressor Company

Indoor Condensing Units

March 4, 2015
Revision: A

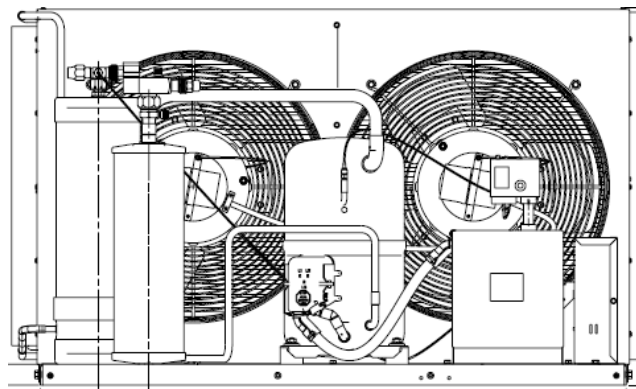
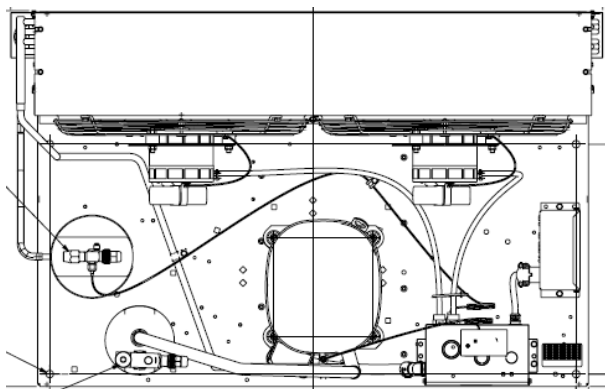
Model: AGA4563EXNXM

BoM: 2A5058-9

R-22

5 HP

AIRCOOLED



Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AGA4563EXNXM	28.6	44.9	26.9	18.0	7/8" S	1/2" F	34.7 lbs	5000	65	331

* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting

Evaporator T,		Ambient Temperatures								
		90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
20	43.0	42000	5000	108	37600	5120	117	33100	5220	125
30	54.8	50000	5800	112	45500	5910	120	41000	6080	128
40	68.5	58000	6500	116	54100	6700	124	49700	6920	132
45	76.0	62450	6900	119	58500	7210	127	53800	7370	134
50	84.0	65300	7300	121	61450	7600	129	57200	7820	137

60 Hz Performance

Return gas temp. 65°F and 5°F sub-cooling

Specifications/ Parts:

Model	AGA4563EXNXM
Unit Bill of Material	2A5058-9
Nominal Volts-Hz-Ph	208-230-60-1
Refrigeration Range	20° to 50°F
Design Pressure Low	150
Design Pressure High	450
Voltage Range	197 to 253
Min. Circuit Ampacity	42.1
Max. Fuse Size (amps)	70
Compressor Model	AGA5561EXN
Comp. Bill of Material	AG133ET-018-J7
Compressor RLA/LRA	30.5 / 165
Overload	INTERNAL
Relay	8200RVAM14
Relay Replacement Kit	K71-20
Run Capacitor	85PR440E90
Start Capacitor	85PS330D68
Start Capacitor Replacement Kit	K146-43
Contactors	91012H
Unit Drawing	DGU1901-21
Wiring Diagram	91278

Fan Motor	810S186B40 (2)
Fan Motor RLA	1.9 Each
Fan Blade	51528-3 (2)
Fan Guard	70832 (2)
Fan Shroud	70611-1
Low Pressure Control	84026-2
Condenser	50777-6
Receiver Tank	51082-2K
High Pressure Switch	84095-1
Fan Switch	84096-1
Suction Valve	31576
Rotolock Valve Gasket	30233
Fan Switch	84096-2
Liquid Valve	31585
Liquid Valve Gasket	30234
Baffle	70828
Crankcase Heater	90699
Accumulator *	TK00044000
* = Equipped Units Only	

Electrical Diagram

