

Klinge Corporation

Service report QTU42.

Place:		Date:		Ambient temp.:		
Unit no.:		Unit type:		Order no.:		
Box no.:		Box type:		Box date:		
Comp no.:		Mpc3 no.:		Rev.:		
Customer:		Charge R404a:		Kg. Sign:		
1	Leak test @ 10 bar (145 PSI)				OK	
2	Adjust fan left overload to 7 amps.				OK	
3	Adjust fan right low speed overload to 3 amps.				OK	
4	Adjust fan right high speed overload to 7 amp.				OK	
5	Adjust heat 1 overload to 20 amps.				OK	
6	Adjust heat 2 overload to 16 amps.				OK	
7	Adjust heat 3 overload to 16 amps.				OK	
8	Adjust heat 4 overload to 16 amps.				OK	
9	Adjust compressor overload to 12,5 amp.				OK	
10	Adjust condenser fan overload to 1,2 amp.				OK	
11	Adjust TEX valve (2 turn out, only with first install.)				OK	
12	Check power to unit.(Ph.-Ph.)		(1-2) V	(2-3) V	(1-3) V	V
13	Run manual test, check direction of fans, compressor. Heat 1&3 right, 2&4 left side.				OK	
14	Check sensors for correct connection, and correct placement!				OK	
15	Check high press. switch out at ca. 28 bar (406 PSI)				Bar	
16	Check low press. switch out at ca -0,4 bar (5.8 PSI)				Bar	
17	Adjust KVL to 2.5 bars at box temp. 20 °C (68°F)				Bar	
18	Read high press. at box temp. 20 °C (68°F)				Bar	
19	Read low press. at box temp. 20 °C (68°F)				Bar	
20	Start manual functions test and read:					
21	Fan right low speed	A	A	A	A	A
22	Fan right high speed	A	A	A	A	A
23	Fan left	A	A	A	A	A
24	Heat step 1	A	A	A	A	A
25	Heat step 2	A	A	A	A	A
26	Heat step 3	A	A	A	A	A
27	Heat step 4	A	A	A	A	A
28	Compressor	A	A	A	A	A
29	Condenser fan	A	A	A	A	A
30	Check safety Klixon opens at aprox. 55 °C (131°F)				OK	
31	Run auto test and check for errors.				OK	
32	Run program 0 set point -25 °C (-13°F)				OK	
33	Check level of 404a and oil in compressor at box temp 0°C (32°F)				OK	
34	Check extern alarm (10 min delay)and check modem if mounted				OK	
35	Start manual defrost.				OK	
36	Check that all labels are at the unit, (2 pes. type plates.)				OK	
37	Note unit serial and ID no. in controller (ID: QTU 042)				OK	
38	Download data logger and set log time to 6 min.				OK	

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Lokation: F:\DOCUMENTS\PRODUCTION TESTING\Reefer Unit Test Sheets\Test Sheet QTU-42			