

E Electrical Panel									
	Item Checked	Spec. Range / Cond. Std.	Actual Checked				Keterangan		
			Before	After					
	4. Voltage Line to Neutral Ground	220 + 10%	L1/L2/L3 =..... V		L1/L2/L3 =..... V				
	5. Voltage Line to Line	380 + 10%	L1L2/L2L3/L1L3 =..... V		L1L2/L2L3/L1L3 =..... V				
	6. Frequency	50 + 10%	F =..... Hz		F =..... Hz				
F Controls									
	Item Checked	Spec. Range / Cond. Std.	Actual Checked	Item Checked	Spec. Range	Actual Checked			
	1. Check/Verify control operation	Ok or No		3. Check/Test water-detection device	Ok or No				
	2. Check/Test changeover device	Ok or No		4. Check/Test CAN connection between indoor and outdoor units	Ok or No				
G Refrigeration Piping									
	Item Checked	Spec. Range	Actual Checked	Item Checked	Spec. Range	Actual Checked			
	1. Check refrigerant lines (clamps secure/no rubbing/no leaks)	Ok or No		3. Check for restriction temperature drop across filter drier	Ok or No				
	2. Check for moisture (sight glass)	Ok or No							
H Compressor Section									
	Item Checked	Spec. Range / Cond. Std.	Comp. 1		Comp. 2		Comp. 3		Keterangan
			Before	After	Before	After	Before	After	
	1. Ampere draw	OA..... A							
	2. Check oil level	55 - 90 PsiG							
	3. Check for oil leaks	200 - 300 PsiG							
	4. Check compressor mounts (springs/bushings)	Ok or No							
	5. Cap tubes (not rubbing)	Ok or No							
	6. Check/Re-torque wire connections (inside compressor box)	Ok or No							
	7. Compressor operation (vibration/noise) Hz dB							
	8. Check crank-case heater fuses/operation	Ok or No							
	9. Check for refrigerant leaks	Ok or No							
	10. Suction pressure Circuit	55 - 90 PsiG							
	11. Discharge Pressure Circuit	200 - 300 PsiG							
	12. Superheat Circuit ?C							
	13. Low-pressure switch cut out Circuit	Ok or No							
	14. Low pressure cut in Circuit	Ok or No							
	15. High pressure cut out Circuit	Ok or No							
	16. Sight Glass	Ok or No							

I Condensor Section					
	Item Checked	Spec. Range	Before	After	Keterangan
	1. Coil clean of debris (Clean coil if required)	Clean or Dirty			
	2. Fans free of debris	Clean or Dirty			
	3. Fans securely mounted				
	4. Motor bearings in good condition				
	5. Check all refrigerant lines for vibration isolation. Support as necessary	Ok or No			
	6. Check for refrigerant leaks	Ok or No			
	7. Check surge-protection device (if installed) status-indicator lights	Ok or No			
	8. Check/Re-torque wire connections	Ok or No			
	9. Check contactors for pitting (replace if pitted)	Ok or No			
	10. Verify operation sequence/set points				
	11. Charge verification:				
	a. Outdoor Ambient Temperature				
	b. Subcooling				
	c. Indoor-unit Return-air Temperature				
	d. Sight-glass level (if Lee-Temp or pumped refrigerant)				
	12. Motor amp draw	FLA = A	L1/L2/L3 = Amp	L1/L2/L3 = Amp	

J General Function						
	Item Checked	Spec. Range	Actual Checked	Item Checked	Spec. Range	Actual Checked
	1. Cooling Test	Ok or No		4. Dehumidification Test	Ok or No	
	2. Heating Test	Ok or No		5. Alarm Test	Ok or No	
	3. Humidification Test	Ok or No				

K Room Condition						
	Item Checked	Spec. Range	Actual Checked	Item Checked	Spec. Range	Actual Checked
	1. Temperature °C		2. Humidity %	

NOTES

Temuan :

Rekomendasi :

RESUME

JOB COMPLETED ? ? YES	? NO, please check on NOTES	RUNNING HOURS :
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APPROVAL SIGNING

Approved by ISS,	Verified By Supervisor,	Service By Team Leader/Staf,
() No. HP.	() No. HP.	() No. HP.

Keterangan : Lembar 1 untuk Teknisi; Lembar 2 untuk User; Lembar 3 Arsip Kantor