

Direct expansion: Commissioning – Split

Installer	General info
Company name <input style="width: 90%;" type="text"/>	<input type="checkbox"/> One time inspection <input type="checkbox"/> Contractual inspection
Contact person <input style="width: 90%;" type="text"/>	

End customer	Performed by
Name <input style="width: 90%;" type="text"/>	Company <input style="width: 90%;" type="text"/>
Street – N° <input style="width: 90%;" type="text"/>	Technician <input style="width: 90%;" type="text"/>
Zip code – City <input style="width: 90%;" type="text"/>	Certificate <input style="width: 90%;" type="text"/>
Country <input style="width: 90%;" type="text"/>	Date <input style="width: 90%;" type="text"/>

Installation			
Model name <input style="width: 90%;" type="text"/>	Controls <input style="width: 90%;" type="text"/>		
Serial number <input style="width: 90%;" type="text"/>			
Construction year <input style="width: 90%;" type="text"/>	Refrigerant type <input style="width: 15%;" type="text"/> Standard weight <input style="width: 15%;" type="text"/> kg		
Reference installation <input style="width: 90%;" type="text"/>	Additional weight <input style="width: 15%;" type="text"/> kg		
	Total weight <input style="width: 15%;" type="text"/> kg		
Indoor unit			
Unit model <input style="width: 90%;" type="text"/>			
Serial number <input style="width: 90%;" type="text"/>			

Safety / last minute risk analysis					
Safe access to the installation	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Other safety hazards	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Enclosed workplace	<input type="checkbox"/> No	<input type="checkbox"/> Yes	Emergency exits	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK
Working at heights	<input type="checkbox"/> No	<input type="checkbox"/> Yes	Presence of necessary personal protection equipment	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK
Electrical hazards	<input type="checkbox"/> No	<input type="checkbox"/> Yes	Any refrigerant leakage?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
			Both stop valves are open before operation?	<input type="checkbox"/> No	<input type="checkbox"/> Yes

Visual inspection					
General state	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK	Position of sensors	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK
Corrosion/oxidation	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK	Logbook available and complete?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Vibrations/frictions	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK	Unit grounded?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Noise	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK	Presence of installation mistakes	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Sales selection data available?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Airco energy audit requested?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Communication bus	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK	Condenser with glycol	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Piping length within limits	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK	PCB state	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK
				<input type="checkbox"/> Not applicable	
Drainage bottom plate	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK	Piping insulation state	<input type="checkbox"/> OK	<input type="checkbox"/> Not OK
	<input type="checkbox"/> Not applicable			<input type="checkbox"/> Not applicable	

Electrical system

Main voltage

V

Isolating switch

OK Not OK OK

Fuse

Not OK OK

Cable section

Not OK

Indoor unit

Inlet air temperature

°C

WLAN adaptor connection (if applicable)

OK Not OK

Outlet air temperature

°C

Fan state

OK Not OK

Heat exchanger temperature

°C

Outdoor unit

Inlet air temperature

°C

Fan state

OK Not OK

Outlet air temperature

°C

Heat exchanger temperature

°C

Operation check

Operation mode

Indoor unit set points

°C

Indoor heat exchanger thermistor

°C

Outdoor heat exchanger thermistor

°C

Room thermistor

°C

Discharge pipe thermistor

°C

Compressor data

L1 (A)

L2 (A)

L3 (A)

Abnormal noise

No Yes

Evaporating condition

OK Not OK

Condensation condition

OK Not OK

Are there any error codes?

Yes No

If yes, write down the error codes

Electrical checks

Electrical connections

OK Not OK

Contactors contacts

OK Not OK

Electrical insulation

Compressor OK Not OK

Winding resistance

OK Not OK

Overall result

The installation is working:

- Good
- Safe

- Not good
- Not safe

Follow-up site visit needed?

- Yes
- No

Shortcomings and measures to be taken

General remarks:

Shortcomings that were not fixed during the commissioning:

Measures to be taken in order to resolve the remaining shortcomings:

Signature certified technician