

# technical data



Altherma

**R-410A**

# EKSOLHWAV1

# 1 Features

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## 2 Specifications

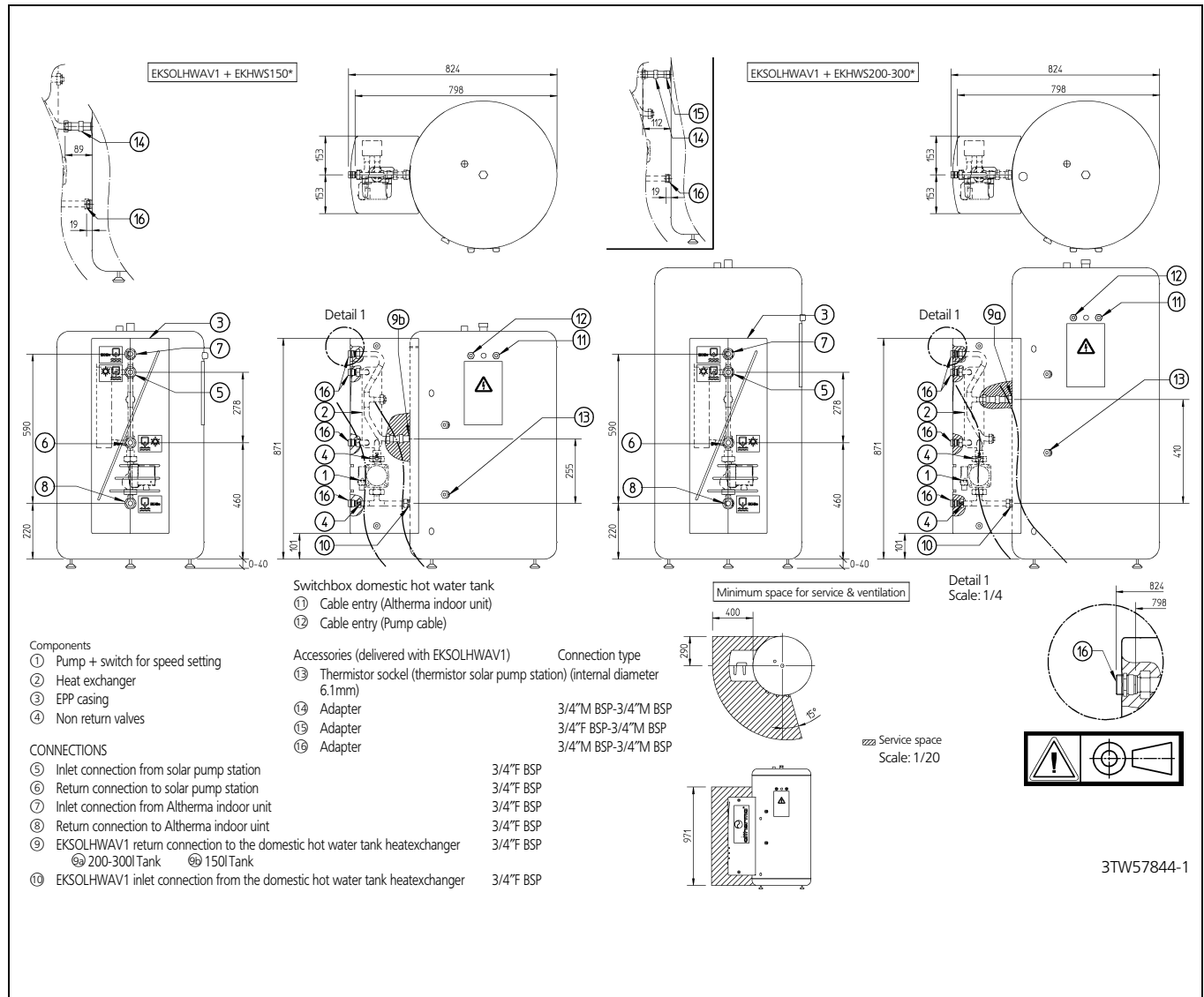
2-1 TECHNICAL SPECIFICATIONS				EKSOLHWAV1
Dimensions	Packing	Height	mm	795
		Width	mm	340
		Depth	mm	295
	Unit	Height	mm	770
		Width	mm	305
		Depth	mm	270
Weight	Unit	kg	8	
	Packed Unit	kg	9	
Packing	Material		Carton	
	Weight	kg	1	
Heat Exchanger	Type		Brazed plate	
	Pressure drop	Solar side	kPa	21.5
	Maximum inlet temperature	Solar side	°C	110
	Capacity		W	1,400
	Logarithmic mean temperature difference (LMTD)		K	5
Pump	Type		water cooled	
	Number of speeds		3	
	Power input	W	46	
Sound	Sound Pressure	dBA	27	
Water circuit	Piping connections diameter	inch	3/4" FBSP	
Insulation material			EPP	
Ambient temperature	Maximum	°C	35	
	Minimum	°C	1	

2-2 ELECTRICAL SPECIFICATIONS				EKSOLHWAV1
Unit	Power Supply	Phase		1~
		Frequency	Hz	50
		Voltage	V	220-240
Voltage range	Minimum		-10%	
	Maximum		+10%	
Power Supply Intake			indoor unit	

# 3 Dimensional drawing & centre of gravity

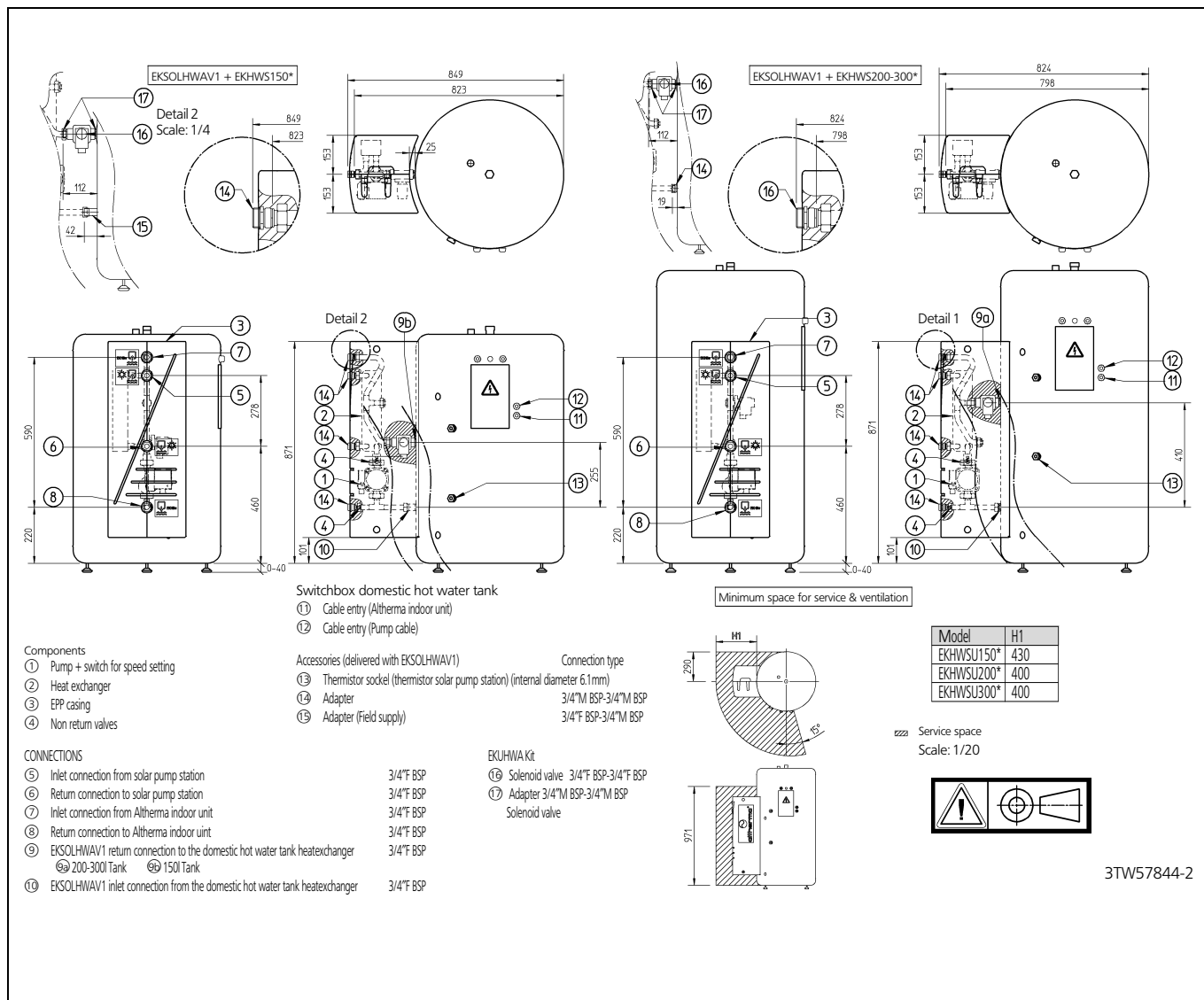
## 3 - 1 Dimensional drawing

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### 3 Dimensional drawing & centre of gravity

#### 3 - 1 Dimensional drawing



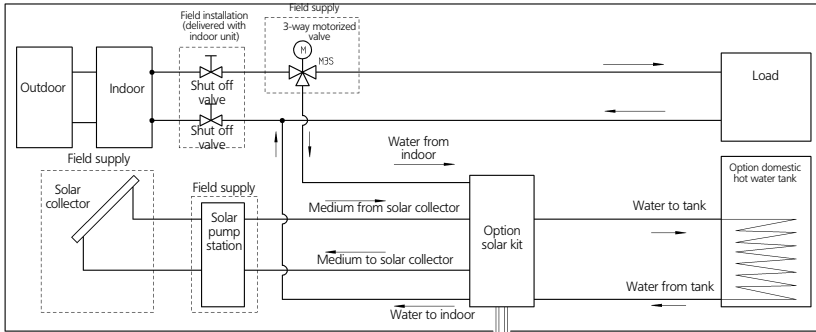
# 4 Piping diagram

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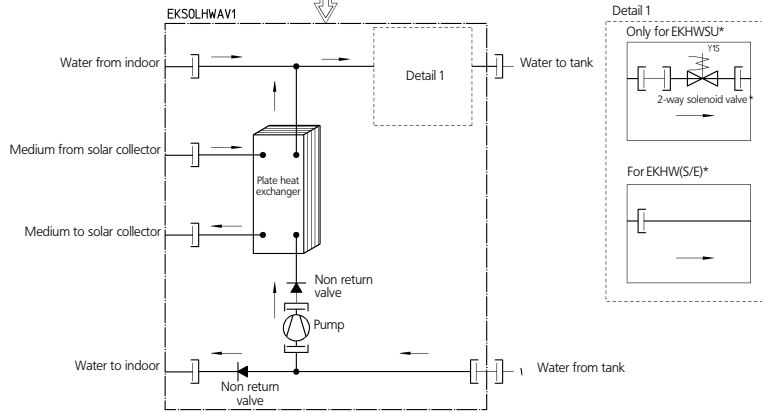
## EKSOLHWAV1

Overview

Y1S	Solenoid valve
M3S	3-way motorized valve



\* Delivered with EKHWA kit

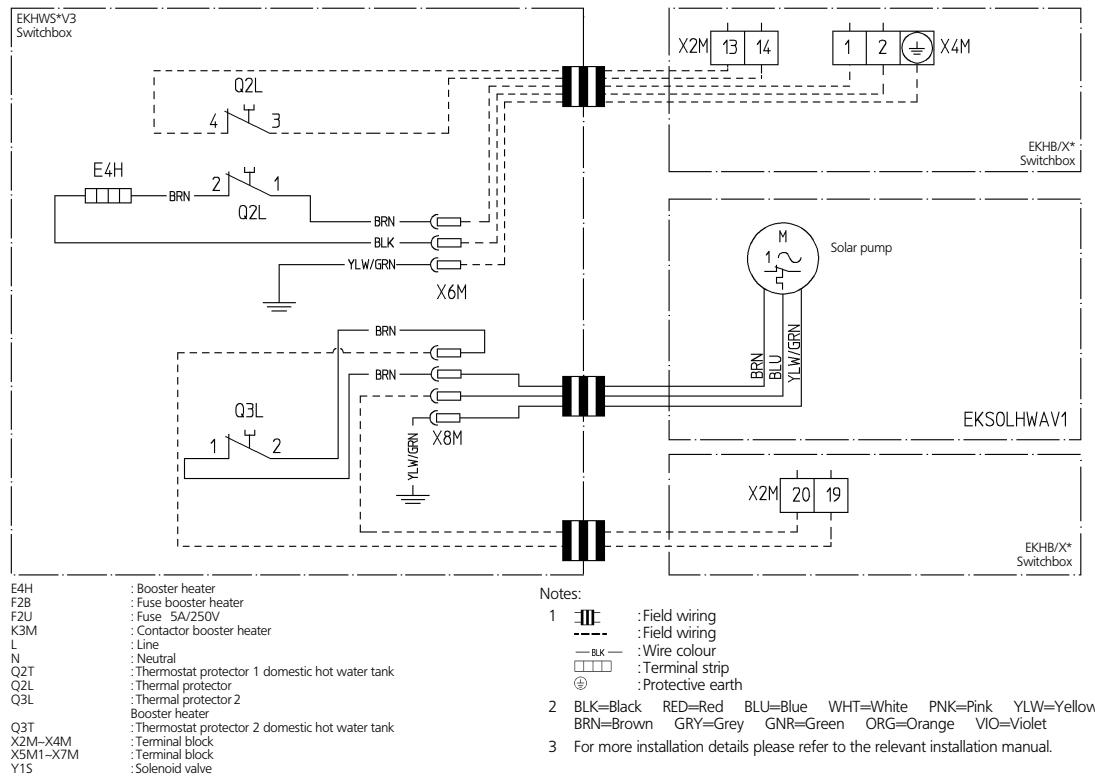


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# 5 Wiring diagram

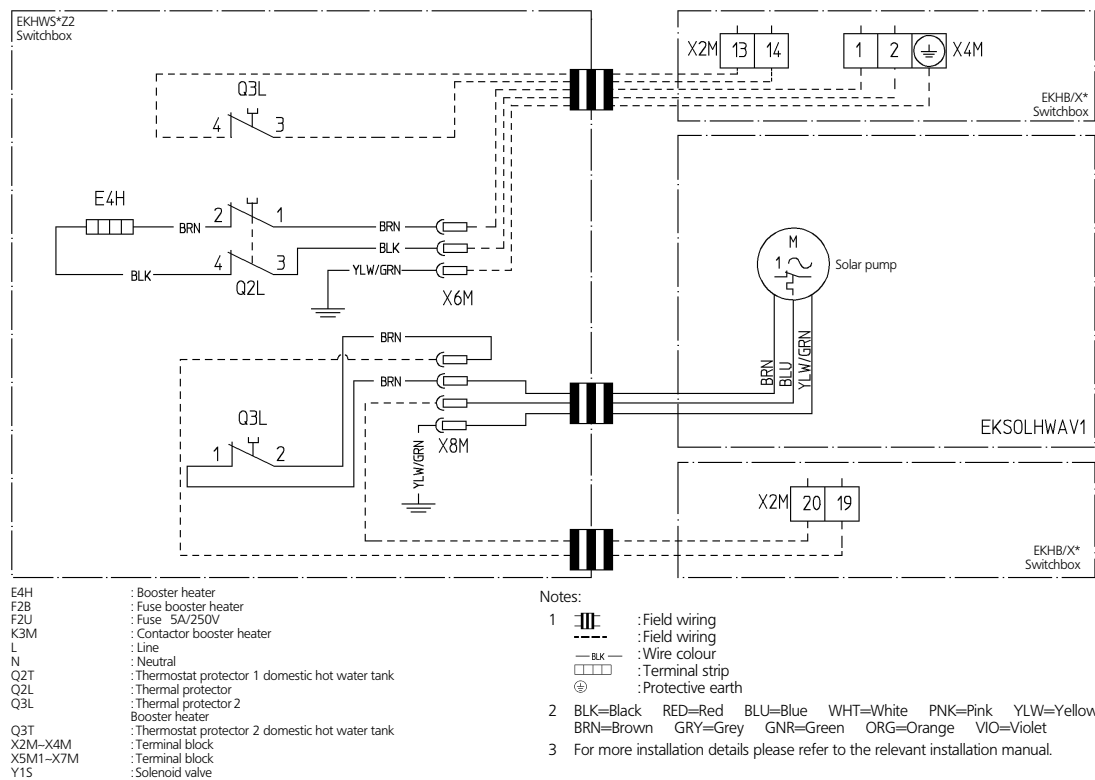
## 5 - 1 Wiring diagram

### EKSOLHWAV1 with EKHWS\*V3



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### EKSOLHWAV1 with EKHWS\*Z2

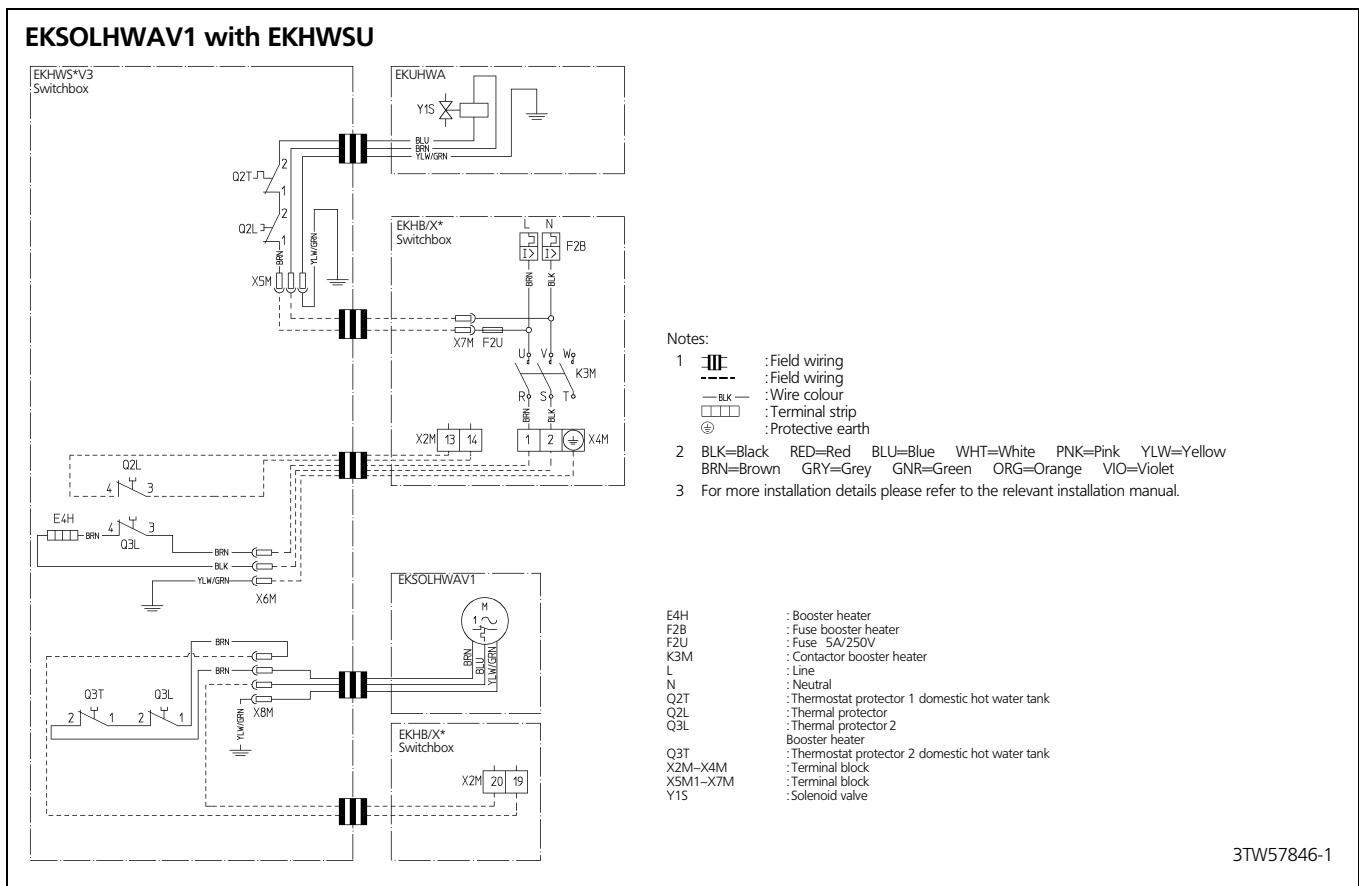


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# 5 Wiring diagram

## 5 - 1 Wiring diagram

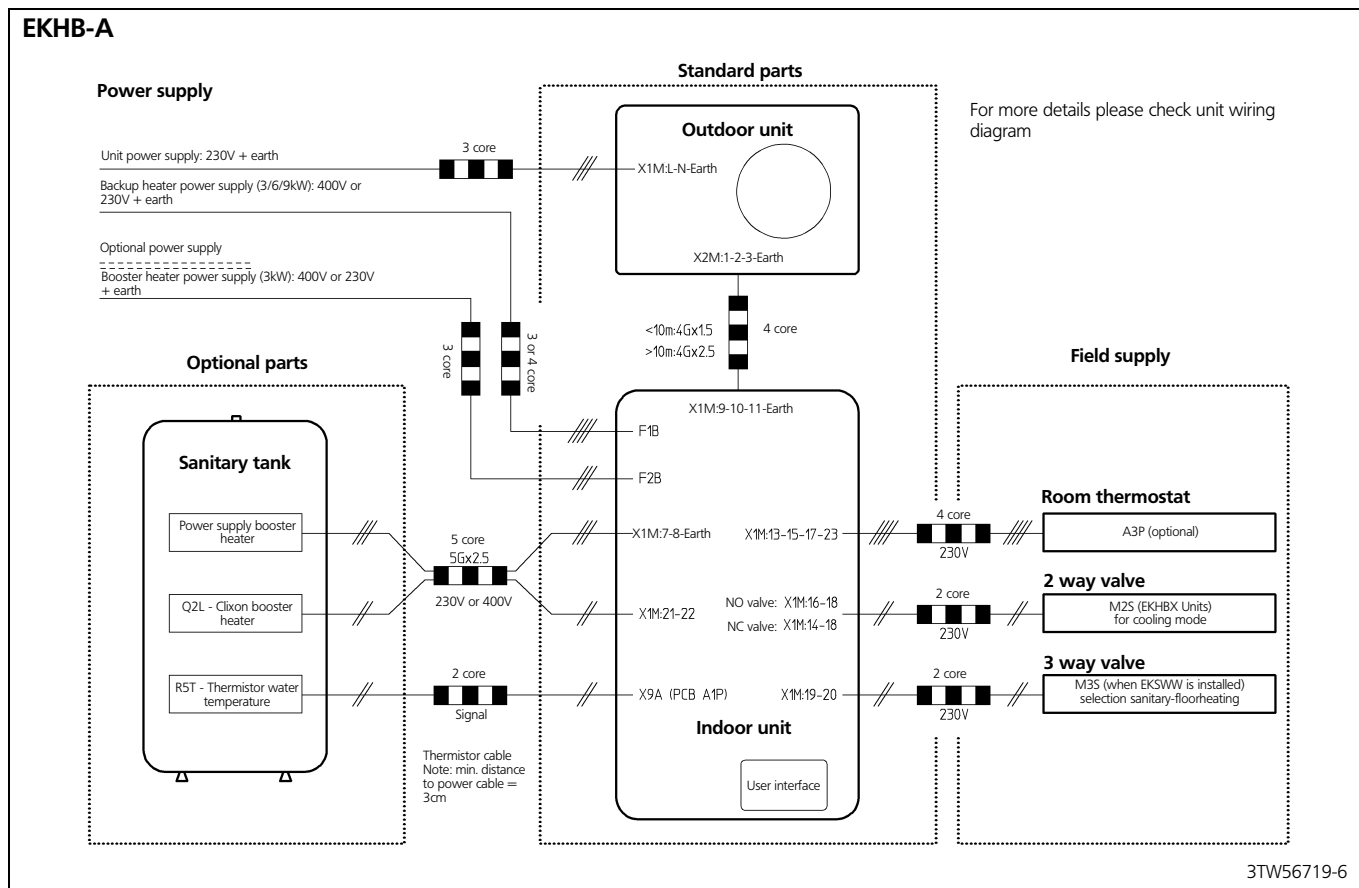
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# 5 Wiring diagram

## 5 - 2 External connection diagram



## 5 Wiring diagram

### 5 - 2 External connection diagram

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