



Typical mechanical and electrical schematics
2023



Altherma 3 Systems

Outdoor Units



ERGA - Low Temperature Single Fan

- Up to 65°C flow temperature
- Classes ranges from 4-8
- R32 refrigerant
- Refrigerant connections between outdoor and indoor



ERLA - Low Temperature Single Fan

- Up to 60°C flow temperature
- Classes ranges from 11-16
- R32 refrigerant
- Refrigerant connections between outdoor and indoor



EPGA - Low Temperature Twin Fan

- Up to 60°C flow temperature
- Classes ranges from 11-16
- R32 refrigerant
- Water connections between outdoor and indoor



EPRA - High Temperature Single Fan

- Up to 70°C flow temperature
- Classes ranges from 8-18
- R32 refrigerant
- Water connections between outdoor and indoor



EDLA - Low Temperature Single Fan

- Monobloc
- Up to 60°C flow temperature
- Classes ranges from 4-16
- R32 refrigerant

Type	Code	Class
Low Temp Single Fan	ERGA04EV3	4
	ERGA06EV3H	6
	ERGA08EV3H7	8
	ERLA11DV3	11
	ERLA14DV3	14
Low Temp Twin Fan	ERLA16DV37	16
	EPGA11DV37	11
	EPGA14DV37	14
High Temp Single Fan	EPGA16DV37	16
	EPRA08EV3	8
	EPRA10EV3	10
	EPRA12EV3	12
	EPRA14DV37	14
	EPRA16DV37	16
	EPRA18DV37	18
Low Temp Monobloc	EDLA04E3V3	4
	EDLA06E3V3	6
	EDLA08E3V3	8
	EDLA09D3V3	9
	EDLA11D3V3	11
	EDLA14D3V3	14
	EDLA16DV37	16

Indoor Units



EHVH/EBVH/EAVH/ETVH

- Integrated floor standing models with 180L or 230L stainless steel tanks
- 600 x 625 footprint
- MMi interface
- All piping connections are held on top of the unit
- Can be programmed from a USB



EHBH/EBBH/EABH/ETBH

- Space saving wall hung models that can be combined with a number of tank styles including;
 - EKHSU-D3V3 -Stainless steel domestic hot water tanks ranging from 150L to 300L
 - EKHPW-B/PB- Polypropylene domestic hot water tanks with solar support ranging from 300L to 500L
- MMi interface
- Can be programmed from a USB



EHS-D/ EBSH-D/ETSH-D

- Integrated floor standing solar unit with a 300L or 500L polypropylene domestic hot water tank
- Lightweight
- MMi interface
- Can be programmed from a USB



EKHS(U)-D

- available in 150, 180, 200, 250 and 300 litres in stainless steel

Outdoor	Indoors	Type	Tank	Dimensions
ERGA04-08	EHVH	Floor Standing	Integrated 180L / 230L	1,650/1,850 x 595 x 625
	EHBH	Wall Mounted	Separate 150 - 300L	890 x 440 x 390
	EHS (Solar)	Floor Standing	Integrated 300L / 500L	1890 x 595/790 x 615/790
ERLA11-16	EBVH	Floor Standing	Integrated 180L / 230L	1,650/1,850 x 595 x 625
	EBBH	Wall Mounted	Separate 150 - 300L	890 x 440 x 390
	EBSH (Solar)	Floor Standing	Integrated 300L / 500L	1890 x 595/790 x 615/790
EPGA11-16	EAVH	Floor Standing	Integrated 180L / 230L	1,650/1,850 x 595 x 625
	EABH	Wall Mounted	Separate 150 - 300L	890 x 440 x 390
EPRA10-18	ETVH	Floor Standing	Integrated 180L / 230L	1,650/1,850 x 595 x 625
	ETBH	Wall Mounted	Separate 150 - 300L	890 x 440 x 390
	ETSH (Solar)	Floor Standing	Integrated 300L / 500L	1890 x 595/790 x 615/790
EDLA04-16	EKHS(U)-D	Free Standing	Separate 150 - 300L	Height: 1,000 - 1,745

Selecting the correct heatpump

To select the correct heat pump system for your home a number of factors need to be considered.

1. Is it a New or Existing Building?

Our low temperature systems are designed specifically for new builds. For home energy upgrades that will not be replacing the existing radiators, our high temperature system is a turnkey solution to replace the existing heat source like oil or gas.

2. What is the leaving water temperature?

Depending on your selected heat emitter, applicable floor areas will vary. Lower temperature emitters, like underfloor heating and aluminium radiators, allow heat pumps to operate more effectively therefore allowing larger floor areas to be covered by a system. Older heat emitters, like existing radiators, require the heat pump system to generate higher temperatures which can reduce the overall floor area that can be covered.

3. What is the Floor Area of the building?

Floor areas and U values are used to calculate the capacity of the system. The table across provides guideline capacities for floor areas of new and retrofit projects based on leaving water temperatures. These guidelines are based on standard Irish conditions. Each project is different, and the system capacity should be evaluated based on the project conditions.

4. Will the system be part of a grant application?

If you are looking to apply for an SEAI grant your home needs to meet a number of different requirements, that must be addressed prior to selecting a heat pump. Your BER Assessor will be able to aid with this. Only after planning all other upgrades should the heating system be selected. To read our full brochure on SEAI Grants please scan the QR code or visit www.daikin.ie

Daikin Home
Energy Upgrades



Type	System	New Build	Renovation HLI ≤ 2		
		LWT 35°C - 45°C	LWT 55°C	LWT 60°C	LWT 65°C
Low Temp Refrigerant Splits	ERGA04EV3	≤155m ²	N/A	N/A	N/A
	ERGA06EV3H	≤ 180m ²	≤ 105m ²	N/A	N/A
	ERGA08EV3H7	≤ 210m ²	≤ 135m ²	N/A	N/A
	ERLA11DV3	≤ 270m ²	≤ 180m ²	≤ 160m ²	N/A
	ERLA14DV3	≤ 295m ²	≤ 185m ²	≤ 160m ²	N/A
	ERLA16DV37	≤ 350m ²	≤ 215m ²	≤ 150m ²	N/A
Low Temp Hydrosplits	EPGA11DV37	≤ 325m ²	≤ 205m ²	≤ 185m ²	N/A
	EPGA14DV37	≤ 365m ²	≤ 230m ²	≤ 210m ²	N/A
	EPGA16DV37	≤ 400m ²	≤ 260m ²	≤ 235m ²	N/A
Monoblocs	EDLA04E3V3	≤ 155m ²	N/A	N/A	N/A
	EDLA06E3V3	≤ 180m ²	≤ 105m ²	N/A	N/A
	EDLA08E3V3	≤ 210m ²	≤ 135m ²	N/A	N/A
	EDLA09D3V3	≤ 255m ²	≤ 185m ²	≤ 160m ²	N/A
	EDLA11D3V3	≤325m ²	≤ 185m ²	≤ 160m ²	N/A
	EDLA14D3V3	≤ 325m ²	≤ 195m ²	≤ 160m ²	N/A
	EDLA16D3V37	≤ 340m ²	≤ 200m ²	≤ 160m ²	N/A
High Temp Hydrosplits	EPRA08EV3	≤ 255m ²	≤ 170m ²	≤ 170m ²	≤ 175m ²
	EPRA10EV3	≤ 270m ²	≤ 185m ²	≤ 190m ²	≤ 195m ²
	EPRA12EV3	≤ 290m ²	≤ 195m ²	≤ 205m ²	≤ 215m ²
	EPRA14DV37	≤ 270m ²	≤ 200m ²	≤ 200m ²	≤ 200m ²
	EPRA16DV37	≤ 300m ²	≤ 230m ²	≤ 230m ²	≤ 225m ²
	EPRA18DV37	≤ 320m ²	≤ 240m ²	≤ 240m ²	≤ 235m ²

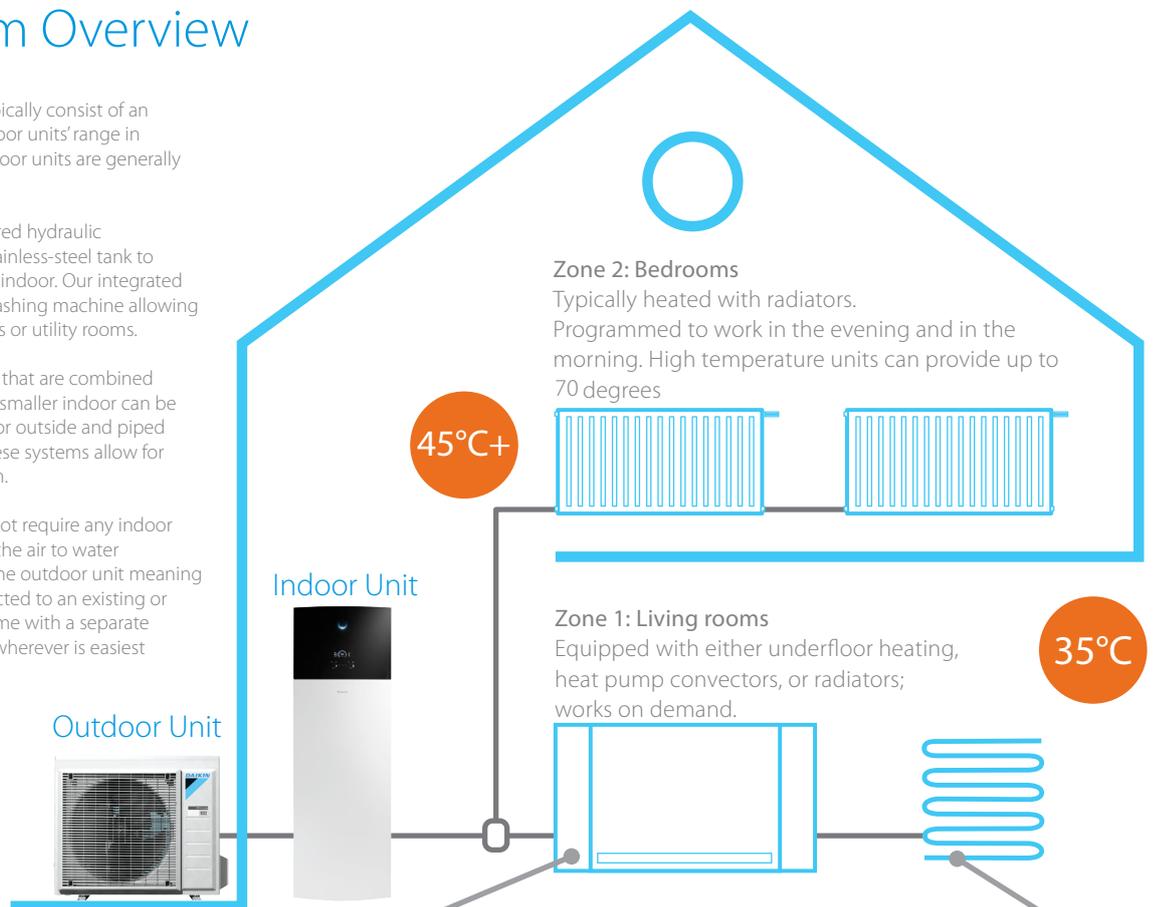
Typical System Overview

Air to Water heat pump systems typically consist of an outdoor unit and indoor unit. Outdoor units range in style, capacity and connections. Indoor units are generally integrated or wall hung.

Integrated units combine the required hydraulic components and controls with a stainless-steel tank to provide you with an all in one sleek indoor. Our integrated units are the same floor area of a washing machine allowing them to fit into kitchens, hot presses or utility rooms.

Wall Hung units are smaller indoors that are combined with a separate hot water tank. The smaller indoor can be installed in presses and cupboards or outside and piped into an existing or new cylinder. These systems allow for maximum flexibility with installation.

Lastly, Monobloc style systems do not require any indoor other than a hot water cylinder. All the air to water components are contained inside the outdoor unit meaning only water pipes need to be connected to an existing or new hot water tank. Monoblocs come with a separate control panel that can be installed wherever is easiest.



Fan coils, also called heat pump convectors, are hydronic emitters that can provide cooling or heating. A perfect addition to any home for cold winter nights or hot summer days

Your underfloor piping system is designed to receive mid-temperature water to heat your home.

ESB Form C1 Details

Integrated

Altherma 3 Low Temperature Single Fan Integrated ERGA(04/06/08)EV3 + EHVH(04/08)S(18/23)E6V

- Manufacturer Daikin Europe
- Type/Reference ERGA/EHVH
- Max Power consumption 4.3kW
- Max Power Boost/Backup 6kW
- Max Power Tank Immersion 0kW

Note: Inverter fed heat pump

Altherma 3 Low Temperature Single Fan Integrated ERLA(11/14/16)DV3 + EBVH(11/16)S(18/23)D6V

- Manufacturer Daikin Europe
- Type/Reference ERLA/EBVH
- Max Power consumption 6.13kW
- Max Power Boost/Backup 6kW
- Max Power Tank Immersion 0kW

Note: Inverter fed heat pump

Altherma 3 Low Temperature Twin Fan Integrated EPGA(11/14/16)DV3 + EAVH16S(18/23)D6V

- Manufacturer Daikin Europe
- Type/Reference EPGA/EAVH
- Max Power consumption 6.71kW
- Max Power Boost/Backup 6kW
- Max Power Tank Immersion 0kW

Note: Inverter fed heat pump

Altherma 3 High Temperature Integrated EPRA(14/16/18)DV3 + ETVH18S(18/23)D6V

- Manufacturer Daikin Europe
- Type/Reference EPRA/ETVH
- Max Power consumption 6.72kW
- Max Power Boost/Backup 6kW
- Max Power Tank Immersion 0kW

Note: Inverter fed heat pump

Wall Hung

Altherma 3 Low Temperature Single Fan Wall Hung ERGA(04/06/08)EV3 + EHBH(04/08)E6V+ EKHWSU(150/200/300)D3V3

- Manufacturer Daikin Europe
- Type/Reference ERGA/EHBH
- Max Power consumption 4.3kW
- Max Power Boost/Backup 6kW
- Max Power Tank Immersion 3kW

Note: Inverter fed heat pump

Altherma 3 Low Temperature Single Fan Wall Hung ERLA(11/14/16)DV3 + EBBH(11/16)D6V+ EKHWSU(150/200/300)D3V3

- Manufacturer Daikin Europe
- Type/Reference ERLA/EBBH
- Max Power consumption 6.13kW
- Max Power Boost/Backup 6kW
- Max Power Tank Immersion 3kW

Note: Inverter fed heat pump

Altherma 3 Low Temperature Twin Fan Wall Hung EPGA(11/14/16)DV3 + EABH16D6V+ EKHWSU(150/200/300)D3V3

- Manufacturer Daikin Europe
- Type/Reference EPGA/EABH
- Max Power consumption 6.71kW
- Max Power Boost/Backup 6kW
- Max Power Tank Immersion 3kW

Note: Inverter fed heat pump

Altherma 3 High Temperature Wall Hung EPRA(14/16/18)DV3 + ETBH18D6V+ EKHWSU(150/200/300)D3V3

- Manufacturer Daikin Europe
- Type/Reference EPRA/ETBH
- Max Power consumption 6.72kW
- Max Power Boost/Backup 6kW
- Max Power Tank Immersion 3kW

Note: Inverter fed heat pump

Monobloc

Altherma 3 Low Temperature Monobloc EDLA(04/06/08)E3V3 + EKHWSU(150/200/300)D3V3

- Manufacturer Daikin Europe
- Type/Reference EDLA-E3V3
- Max Power consumption 4.43kW
- Max Power Boost/Backup 3kW
- Max Power Tank Immersion 3kW

Note: Inverter fed heat pump

Altherma 3 Low Temperature Monobloc EDLA(09/11/14/16)E3V3 + EKHWSU(150/200/300)D3V3

- Manufacturer Daikin Europe
- Type/Reference EDLA-D3V3
- Max Power consumption 6.57kW
- Max Power Boost/Backup 3kW
- Max Power Tank Immersion 3kW

Note: Inverter fed heat pump

Inside the Machine



What is the machine doing



Power Up Settings



Error on Setup



Customer Settings



Hot Water + Heating on and off



Set Schedules



End User Settings



Programming a USB

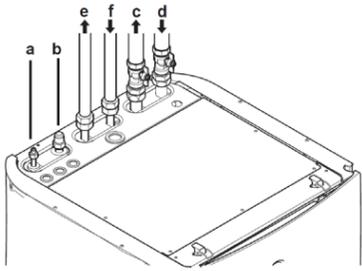


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Piping Connections

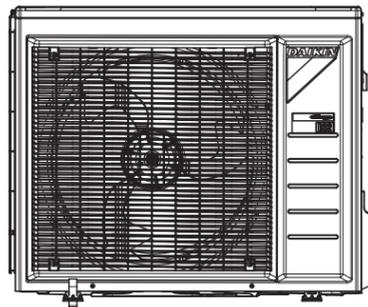
- A) Refrigeration Liquid Connection - 1/4"
- B) Refrigeration Gas Connection - 5/8"
- C) Space Heating out - 1"
- D) Space Heating in - 1"
- E) Domestic Hot Water out - 3/4"
- F) Cold Water Supply - 3/4"



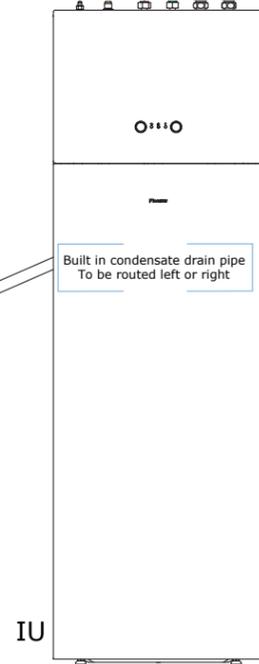
Piping Guidelines

- Minimum: 3m
- Maximum: 30m (ventilation required if 27m+)
- Height Difference: 20m
- Min Flow Rate: 12L/min

OU

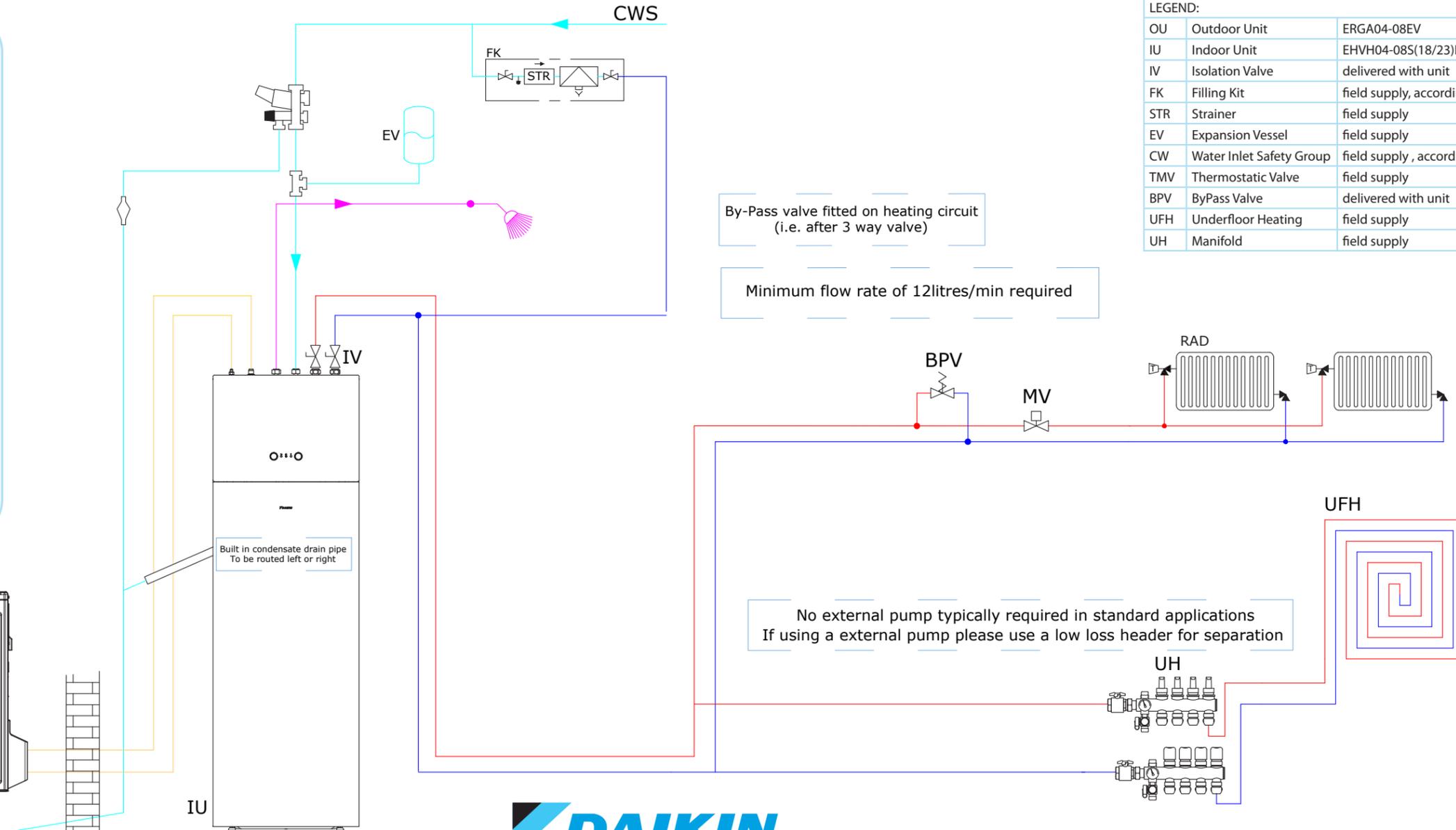


IU



Built in condensate drain pipe
To be routed left or right

CWS



By-Pass valve fitted on heating circuit
(i.e. after 3 way valve)

Minimum flow rate of 12litres/min required

No external pump typically required in standard applications
If using a external pump please use a low loss header for separation

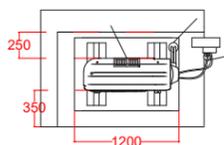
LEGEND:		
OU	Outdoor Unit	ERGA04-08EV
IU	Indoor Unit	EHVH04-08S(18/23)E6V/E9W
IV	Isolation Valve	delivered with unit
FK	Filling Kit	field supply, according to local regulations
STR	Strainer	field supply
EV	Expansion Vessel	field supply
CW	Water Inlet Safety Group	field supply, according to local regulations
TMV	Thermostatic Valve	field supply
BPV	ByPass Valve	delivered with unit
UFH	Underfloor Heating	field supply
UH	Manifold	field supply



Outdoor Mounting

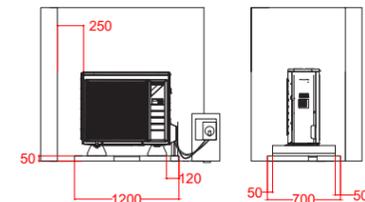
Wall Mounted:

The unit should be installed on cantilever arms (field supply) with drip tray fitted (available via Daikin) and condensate pipe fitted to storm drain.



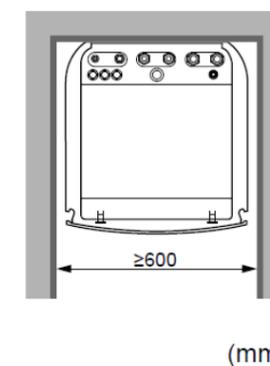
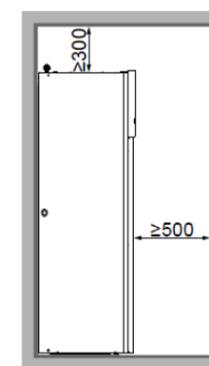
Floor Standing:

The unit should be installed on 2 rubber mounts/flexi feet (supplied by Daikin). The drainage can also be achieved by the means of an eco-drain or drain gully underneath the unit connected to storm drain.



Precommissioning Steps

1. Plinth sized correctly as shown with condensate run off
 2. Duct sealed and dry
 3. Power to Indoor and Outdoor unit
 4. Power to Back-Up Heater
 5. External control wired
 6. System filled and vented
 7. Bypass valve fitted on farthest loop from heat pump. Ensure min. flow rate as per manuals
- Additional gas may be required, reference installation manual



(mm)

Indoor Mounting

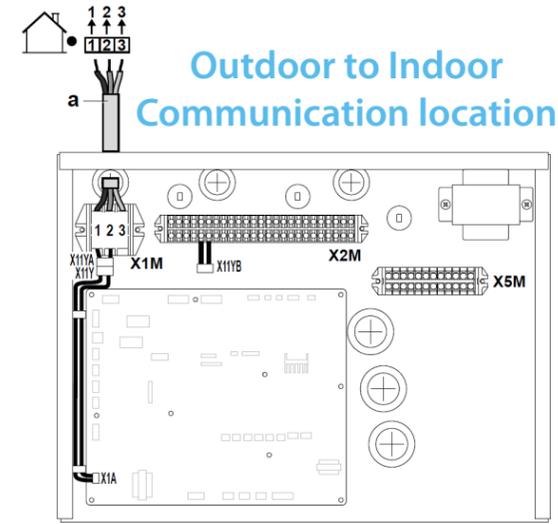
All components are accessible via the front panels.

There is a condensate pipe pre fitted which needs to be drained appropriately. This can be routed to the left or right hand side of the unit.

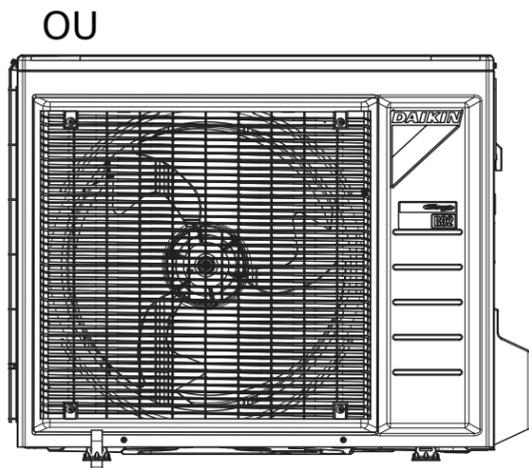
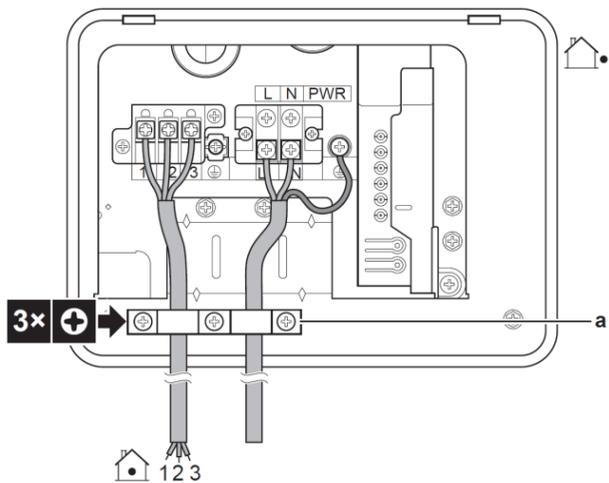
Note: indoor unit dimensions are 595mm wide x 625mm deep. The 180ltr unit is 1650mm high and the 230ltr is 1850mm. The 180ltr unit is 131kg and the 230ltr is 139kg.

LEGEND:

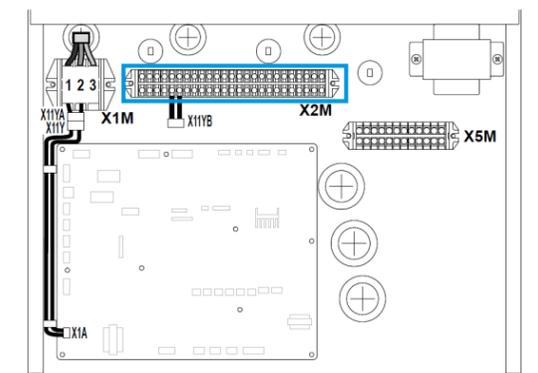
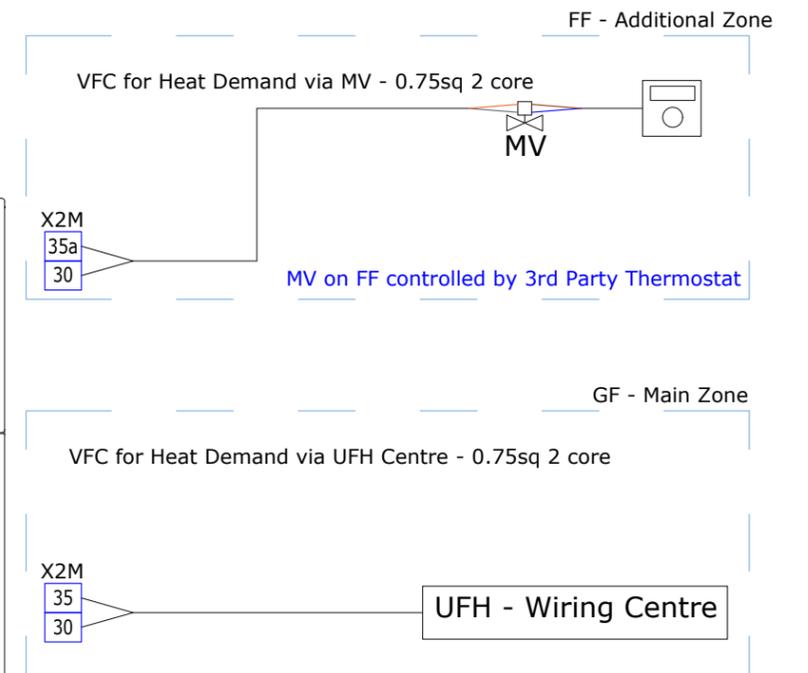
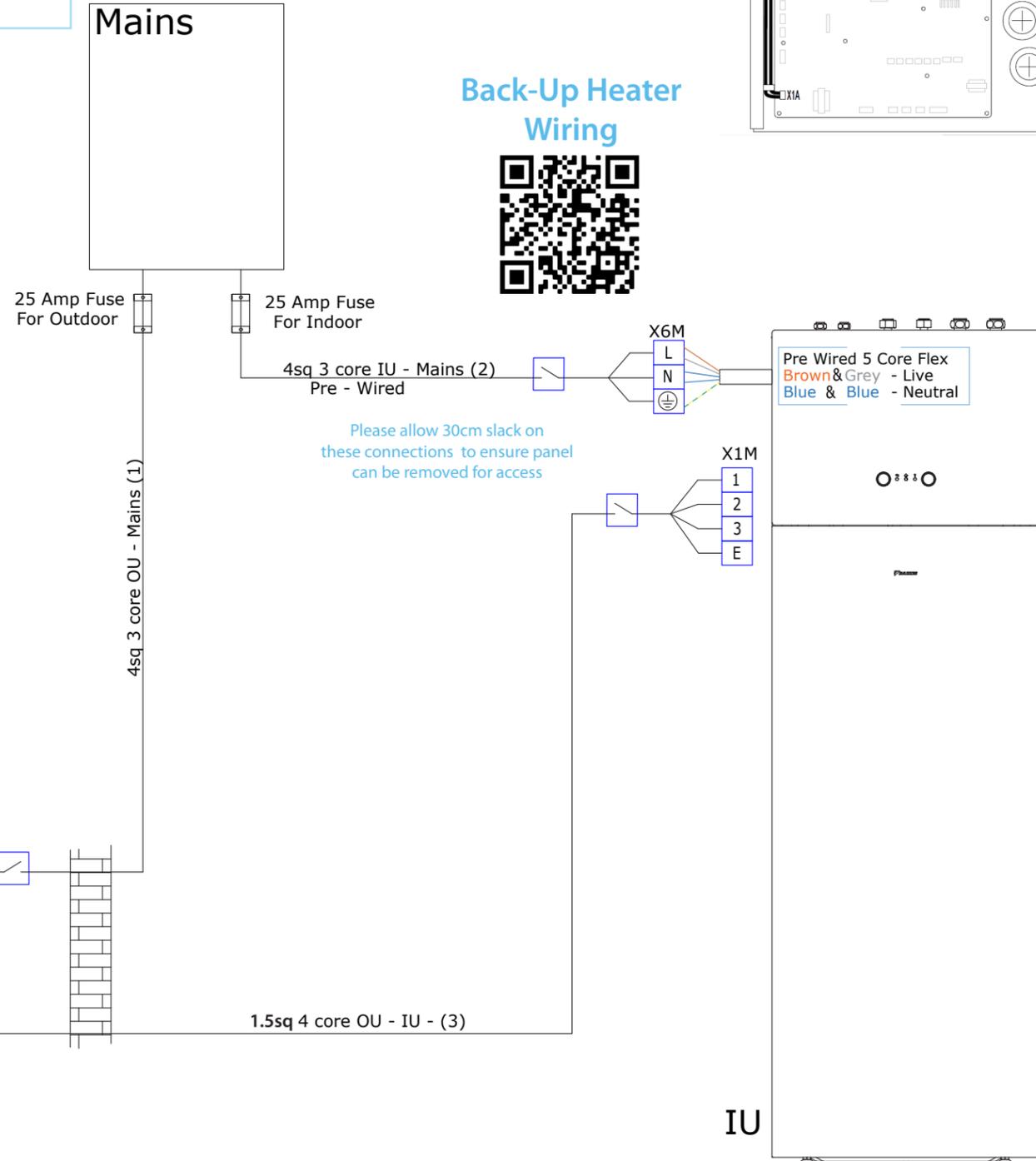
OU	Outdoor Unit	ERGA04-08EV
IU	Indoor Unit	EHVH04-08S(18/23)E6V/E9W
UFH	UFH Wiring Centre	field supply
MV	Motorized Valve	field supply
1	Outdoor to Mains	4sq x 3 core power supply with isolation switch and 25Amp fuse
2	Indoor to Mains	4sq x 3 core power supply with 25Amp fuse
3	Outdoor to Indoor	1.5sq x 4 Core communication
4	Indoor heat demand	0.75 X 2 Core Volt free contact



Outdoor Unit Switchbox location



Max Running Current - 25A



Max Running Current - 26A

What is the machine doing



Power Up Settings



Error on Setup



Customer Settings



Hot Water + Heating on and off



Set Schedules



End User Settings



Programming a USB



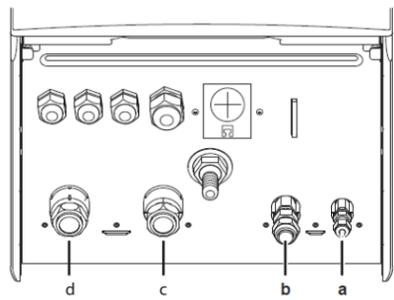
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LEGEND:		
OU	Outdoor Unit	ERGA04-08EV
IU	Indoor Unit	EBH04-08E6V
HWT	Hot Water Tank	EKHWS-D3V3 / EKHWSU-D3V3
IV	Isolation Valve	delivered with unit
FK	Filling Kit	field supply, according to local regulations
STR	Strainer	field supply
EV	Expansion Vessel	field supply
CW	Water Inlet Safety Group	field supply, according to local regulations
TMV	Thermostatic Valve	field supply
BPV	ByPass Valve	delivered with unit
UFH	Underfloor Heating	field supply
UH	Manifold	field supply
RAD	Radiator	field supply
MV	Motorized Valve	field supply
3MV	3 Port Motorized Valve	delivered with Daikin HWT

Piping Connections

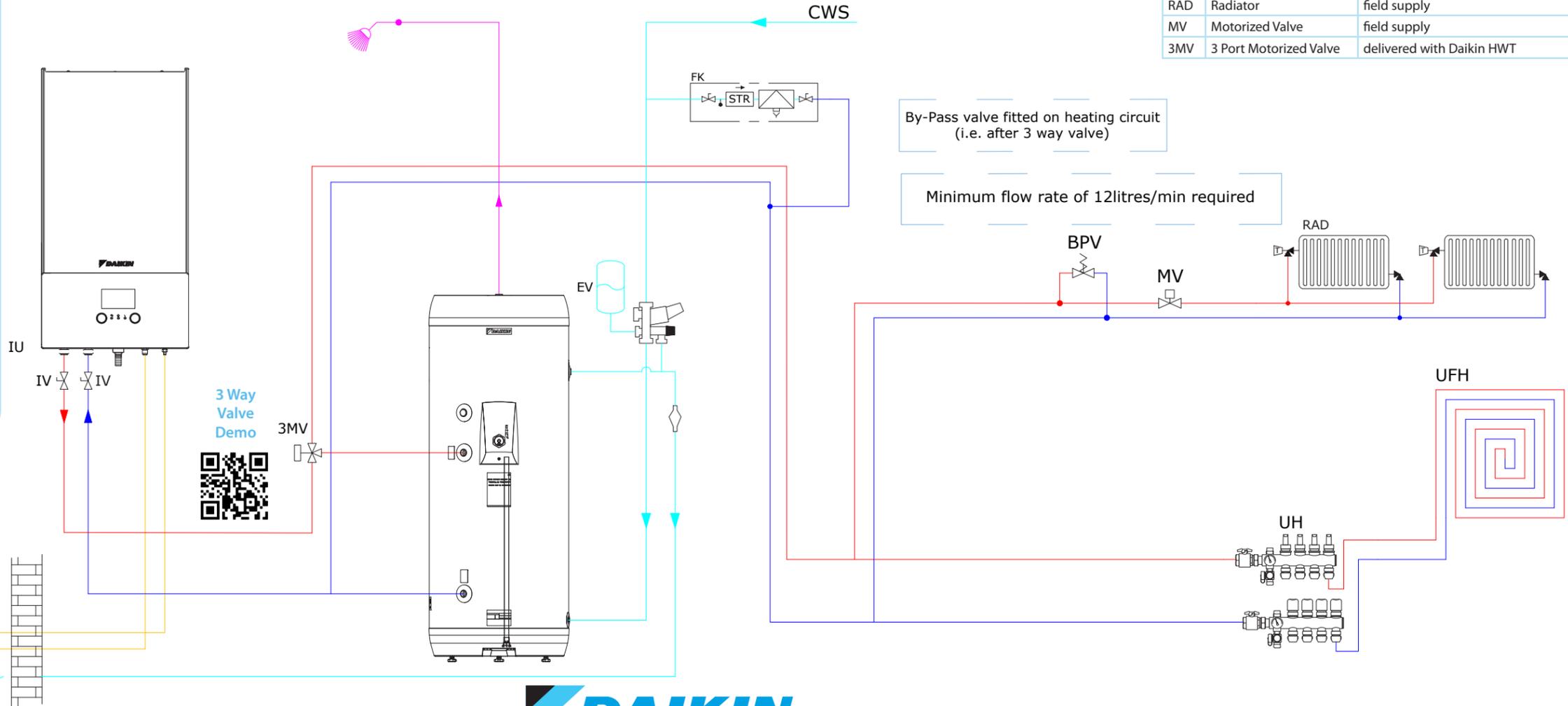
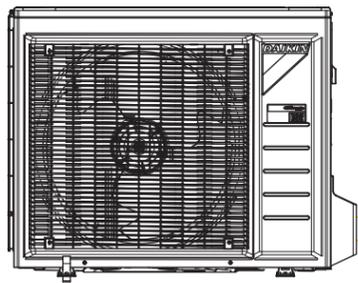
- A) Refrigerant Liquid Connection - 1/4"
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- C) Space Heating out - 1"
- D) Space Heating in - 1"
- E) Domestic Hot Water out - 3/4"
- F) Cold Water Supply - 3/4"



Piping Guidelines

- Minimum: 3m
- Maximum: 30m (ventilation required if 27m+)
- Height Difference: 20m
- Min Flow Rate: 12L/min

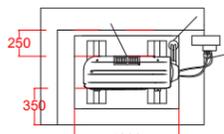
OU



Outdoor Mounting

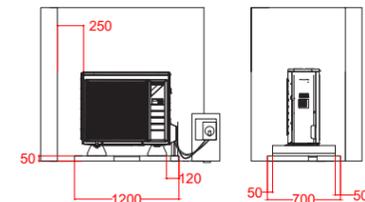
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Floor Standing:

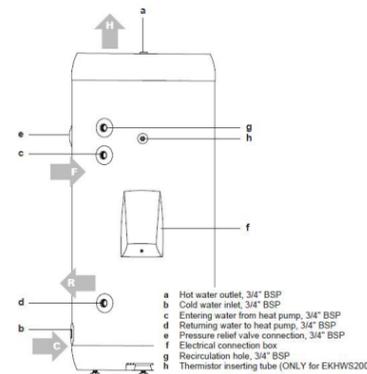
The unit should be installed on 2 rubber mounts/flexi feet (supplied by Daikin). The drainage can also be achieved by the means of an eco-drain or drain gully underneath the unit connected to storm drain.



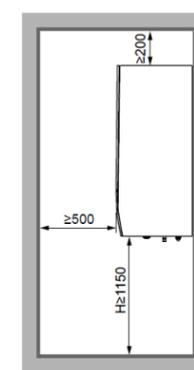
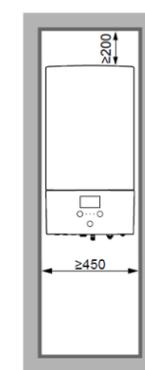
Precommissioning Steps

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4. Power to Back-Up Heater
5. External control wired
6. System filled and vented
7. Bypass valve fitted on farthest loop from heat pump. Ensure min. flow rate as per manuals

Additional gas may be required, reference installation manual



- a Hot water outlet, 3/4" BSP
- b Cold water inlet, 3/4" BSP
- c Entering water from heat pump, 3/4" BSP
- d Returning water to heat pump, 3/4" BSP
- e Pressure relief valve connection, 3/4" BSP
- f Electrical connection box
- g Recirculation hole, 3/4" BSP
- h Thermostat inserting tube (ONLY for EKHWS200)



(mm)

Indoor Mounting

All components are accessible via the front panels.

There is a condensate pipe pre fitted which needs to be drained appropriately. This can be routed to the left or right hand side of the unit.

Note: indoor unit dimensions are 840x440x390(mm) (HxWxD). Tank sizing varies.

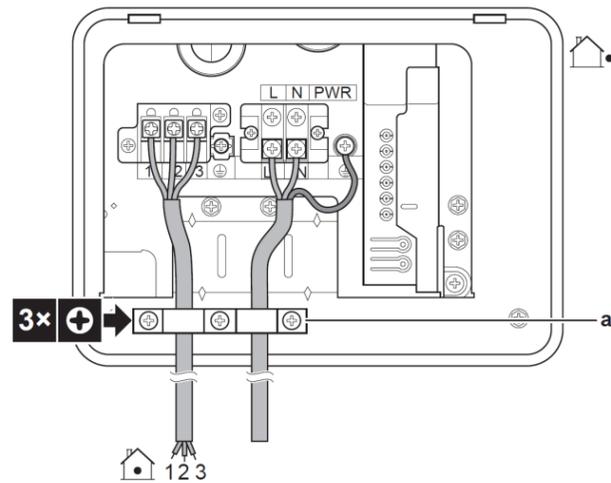
LEGEND:

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IU	Indoor Unit	EHBH04-08E6V
HWT	Hot Water Tank	EKHWS(U)-D3V3
UFH	UFH Wiring Centre	field supply
MV	Motorized Valve	field supply
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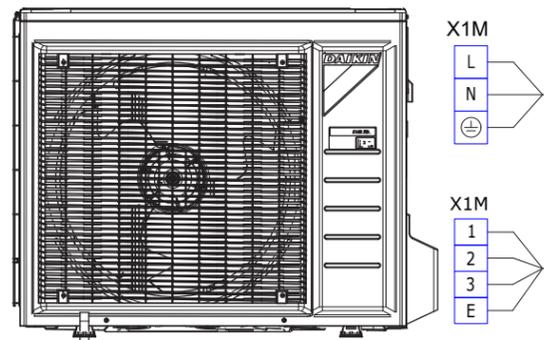


For Daikin 300ltr tank fix the tank thermistor in the opening like image

Outdoor Unit Switchbox location



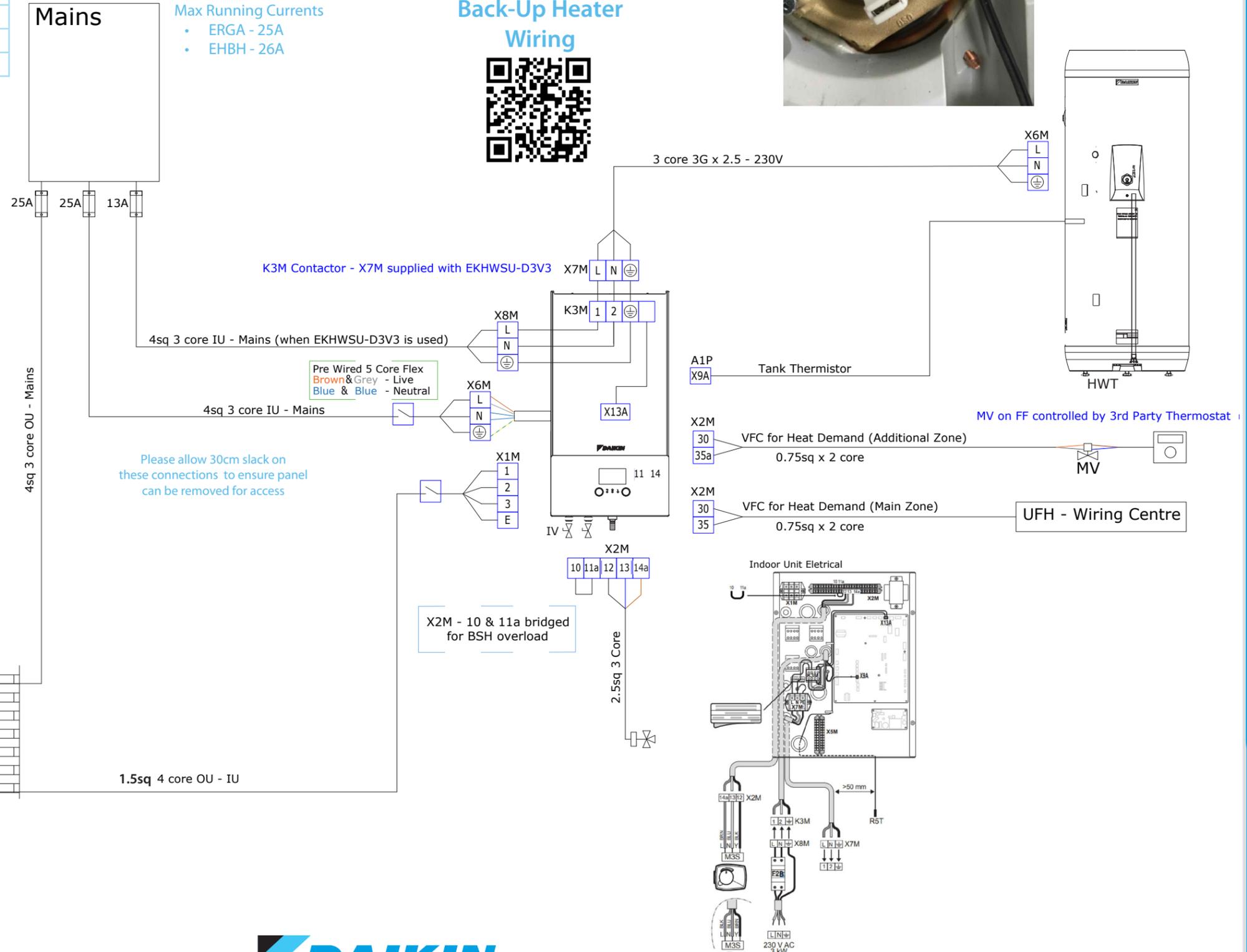
OU



Mains

Max Running Currents
 • ERGA - 25A
 • EHBH - 26A

Back-Up Heater Wiring



Inside the Machine



What is the machine doing



Power Up Settings



Error on Setup



Customer Settings



Hot Water + Heating on and off



Set Schedules



End User Settings



Programming a USB

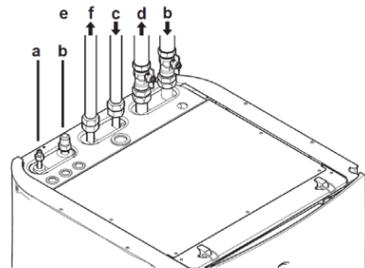


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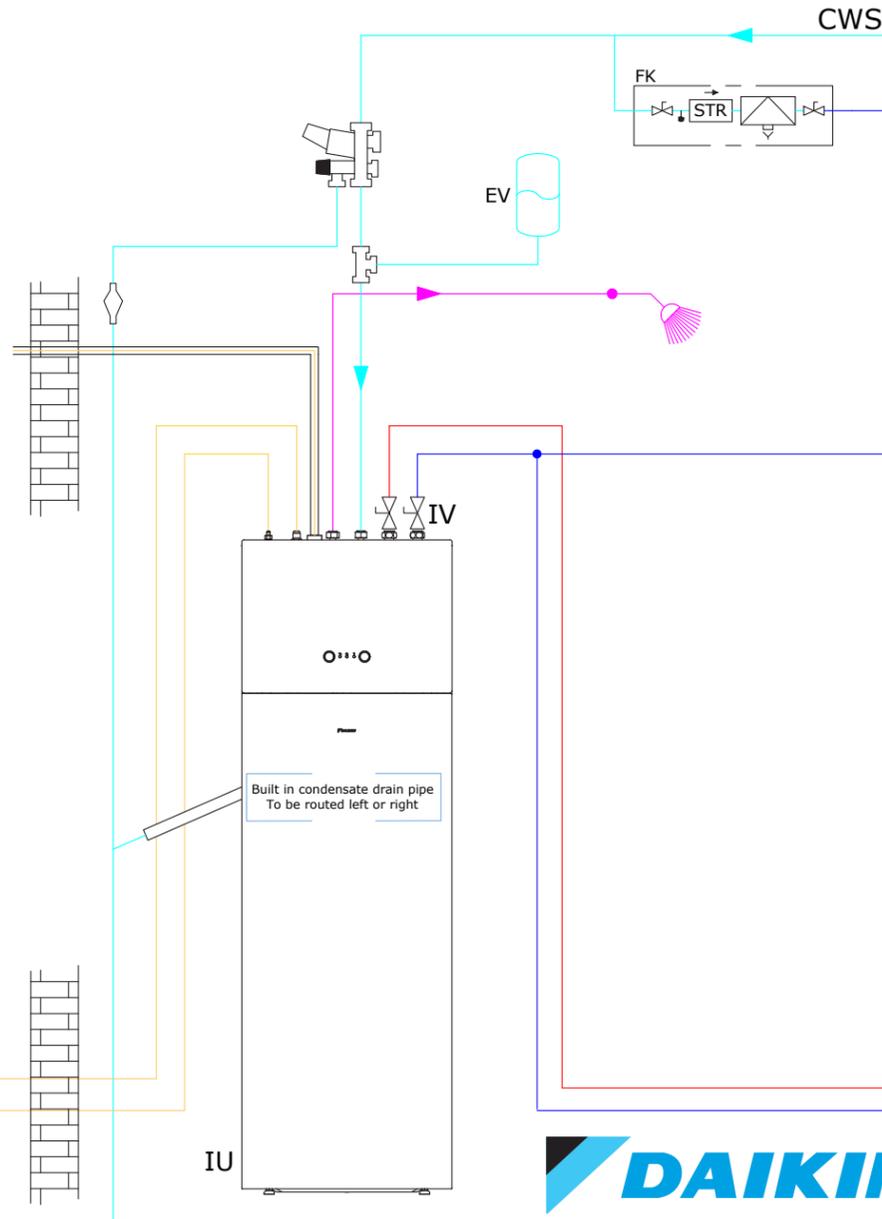
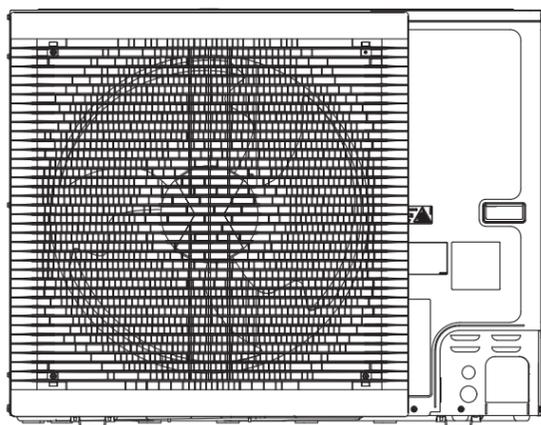
Piping Connections

- A) Refrigeration Liquid Connection - 3/8"
- B) Refrigeration Gas Connection - 5/8"
- C) Space Heating out - 1"
- D) Space Heating in - 1"
- E) Domestic Hot Water out - 3/4"
- F) Cold Water Supply - 3/4"



Piping Guidelines

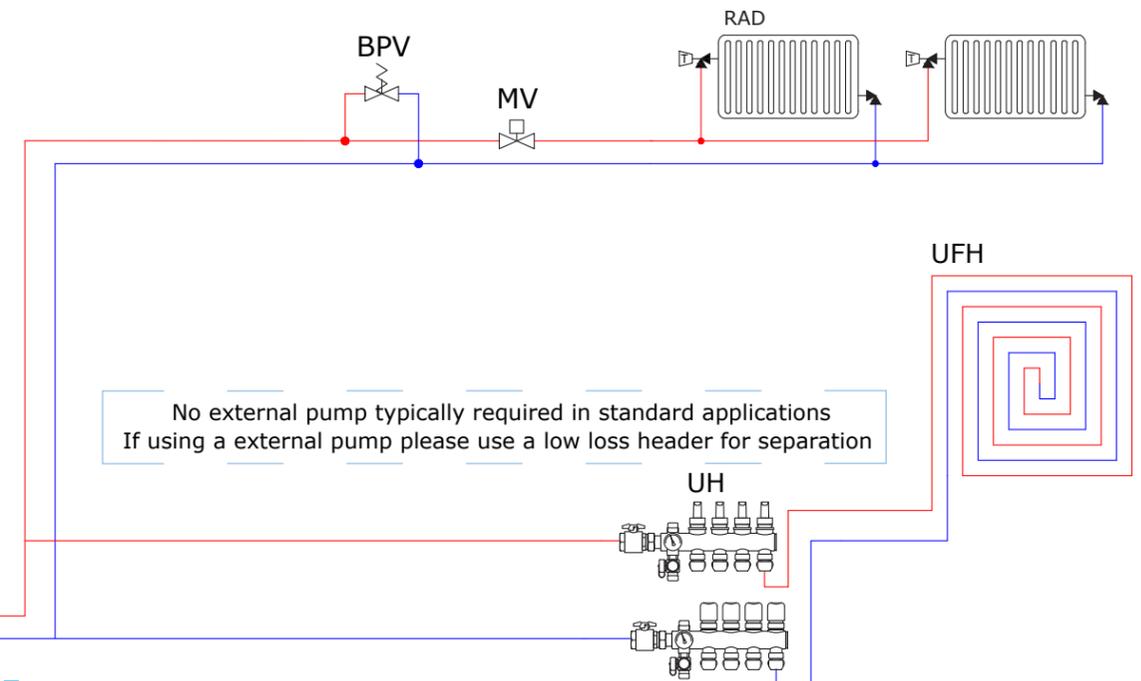
- Minimum: 3m
- Maximum: 50m (Charge requirements in manual)
- Height Difference: 20m
- Min Flow Rate: 22L/min (heating/defrost/DHW)
- 16L/min (cooling)



By-Pass valve fitted on heating circuit (i.e. after 3 way valve)

Minimum flow rate of 22 litres/min required for heating/defrost/DHW production
16litres/min required for cooling operating

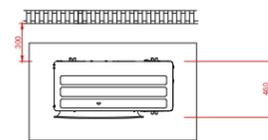
LEGEND:		
OU	Outdoor Unit	ERLA11-16DV
IU	Indoor Unit	EBVH11-16S(18/23)D6V/D9W
IV	Isolation Valve	delivered with unit
FK	Filling Kit	field supply, according to local regulations
STR	Strainer	field supply
EV	Expansion Vessel	field supply
CW	Water Inlet Safety Group	field supply, according to local regulations
TMV	Thermostatic Valve	field supply
BPV	ByPass Valve	delivered with unit
UFH	Underfloor Heating	field supply
UH	Manifold	field supply



Outdoor Mounting

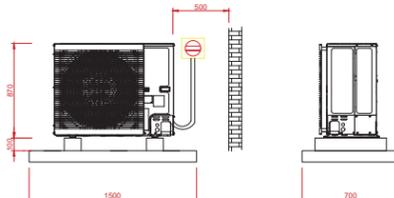
Wall Mounted:

The unit should be installed on cantilever arms (field supply) with drip tray fitted (available via Daikin) and condensate pipe fitted to storm drain.



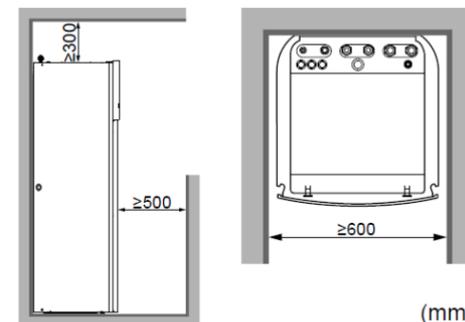
Floor Standing:

The unit should be installed on 2 rubber mounts/flexi feet (supplied by Daikin). The drainage can also be achieved by the means of an eco-drain or drain gully underneath the unit connected to storm drain.



Precommissioning Steps

1. Plinth sized correctly as shown with condensate run off
 2. Duct sealed and dry
 3. Power to Indoor and Outdoor unit
 4. Power to Back-Up Heater
 5. External control wired
 6. System filled and vented
 7. Bypass valve fitted on farthest loop from heat pump. Ensure min. flow rate as per manuals
- Additional gas may be required, reference installation manual

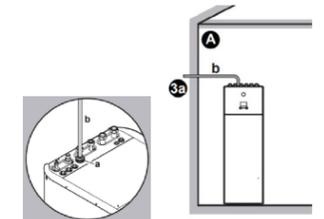


Indoor Mounting

All components are accessible via the front panels.

There is a condensate pipe pre fitted which needs to be drained appropriately. This can be routed to the left or right hand side of the unit.

Note: indoor unit dimensions are 595mm wide x 634mm deep. The 180ltr unit is 1655mm high and the 230ltr is 1855mm. The 180ltr unit is 124kg and the 230ltr is 133kg.



Chimney pipe to be routed externally based on R32 requirements

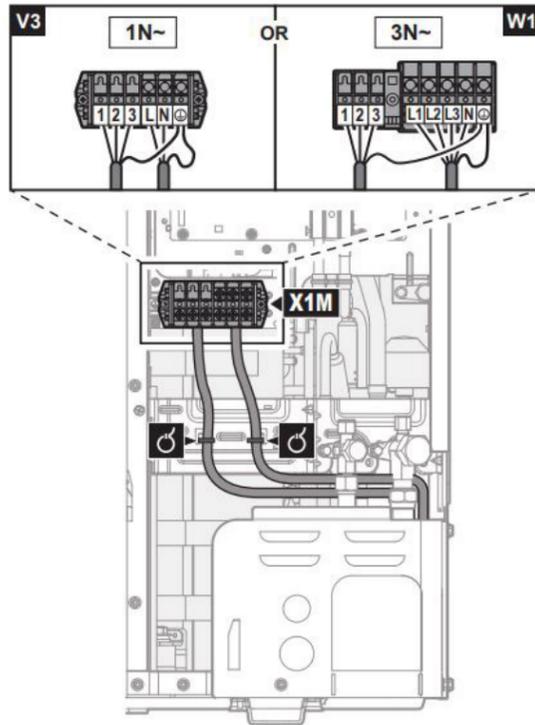
If chimney can't be routed to outside please follow minimum floor area requirements in Installation Manual



LEGEND:

OU	Outdoor Unit	ERLA11-16DV
IU	Indoor Unit	EBVH11-16S(18/23)D6V
UFH	UFH Wiring Centre	field supply
MV	Motorized Valve	field supply
1	Outdoor to Mains	6sq x 3 core power supply with isolation switch and 32Amp fuse
2	Indoor to Mains	4sq x 3 core power supply with 25Amp fuse
3	Outdoor to Indoor	1.5sq x 4 Core communication
4	Indoor heat demand	0.75 X 2 Core Volt free contact

Outdoor Unit Switchbox location



Mains

Back-Up Heater Wiring



32 Amp Fuse For Outdoor

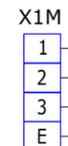
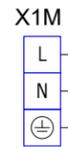
25 Amp Fuse For Indoor

4sq 3 core IU - Mains (2)
Pre - Wired

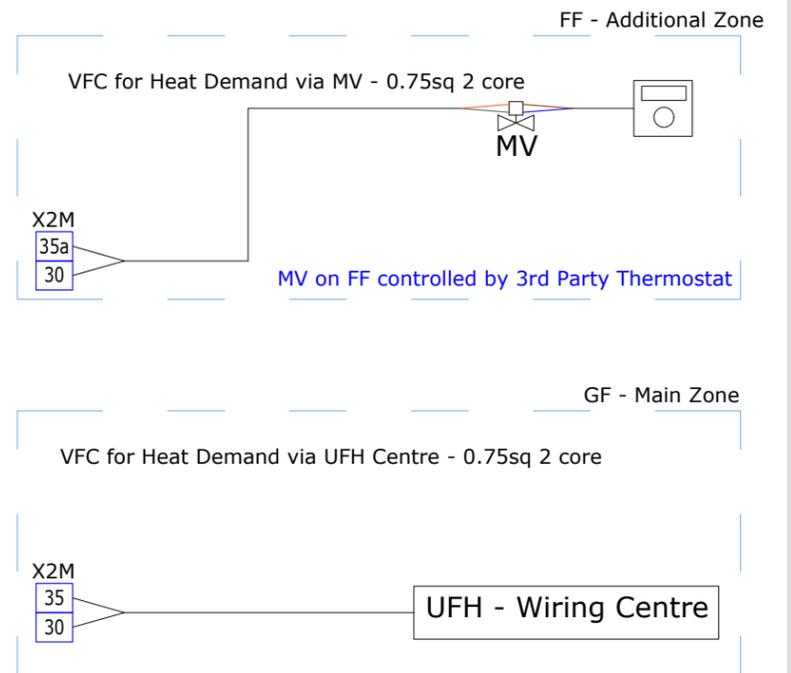
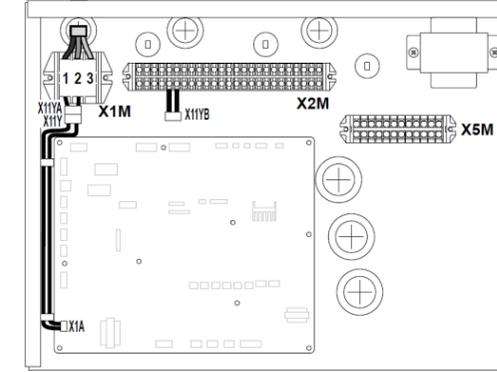
Please allow 30cm slack on these connections to ensure panel can be removed for access

6sq 3 core OU - Mains (1)

1.5sq 4 core OU - IU - (3)

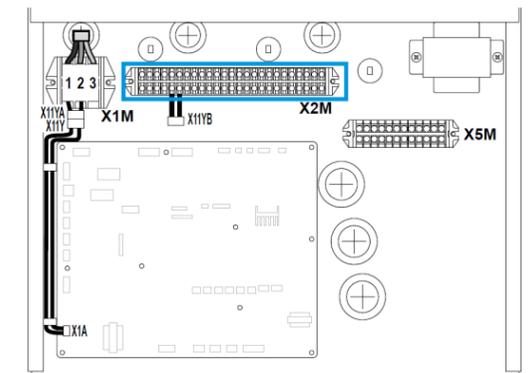


Outdoor to Indoor Communication location



IU

Max Running Current - 26A



Indoor Unit X2M location

Max Running Current - 32A

What is the machine doing



Power Up Settings



Error on Setup



Customer Settings



Hot Water + Heating on and off



Set Schedules



End User Settings



Programming a USB



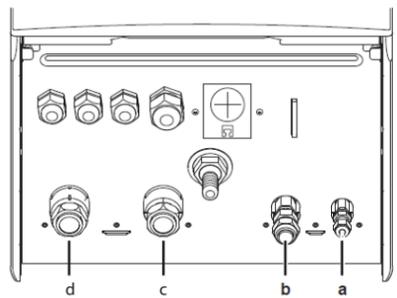
Loading settings from a USB



LEGEND:		
OU	Outdoor Unit	ERLA11-16DV
IU	Indoor Unit	EBBH11-16DV
HWT	Hot Water Tank	EKHWS-D3V3 / EKHWSU-D3V3
IV	Isolation Valve	delivered with unit
FK	Filling Kit	field supply, according to local regulations
STR	Strainer	field supply
EV	Expansion Vessel	field supply
CW	Water Inlet Safety Group	field supply, according to local regulations
TMV	Thermostatic Valve	field supply
BPV	ByPass Valve	delivered with unit
UFH	Underfloor Heating	field supply
UH	Manifold	field supply
RAD	Radiator	field supply
MV	Motorized Valve	field supply
3MV	3 Port Motorized Valve	delivered with Daikin HWT

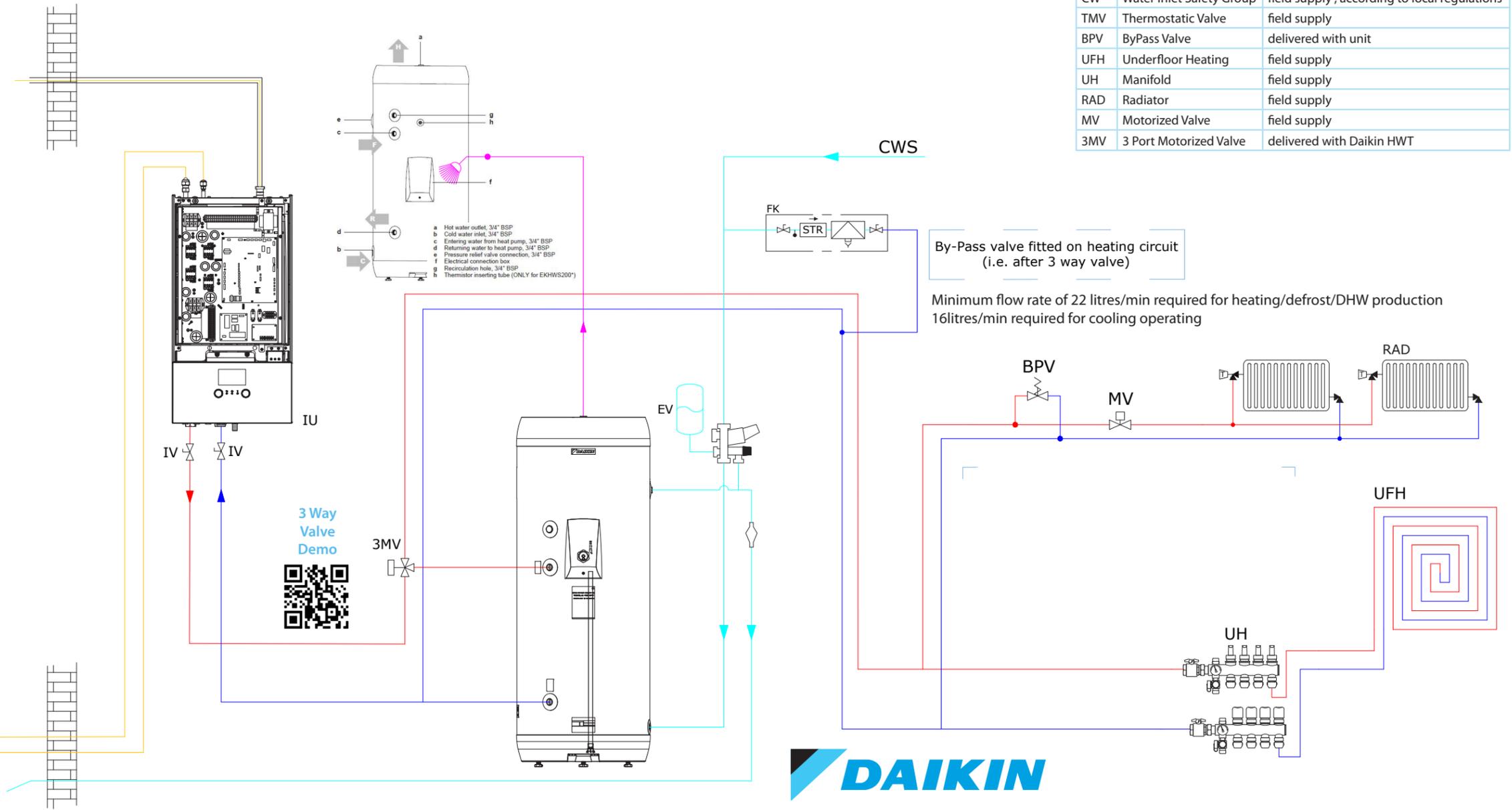
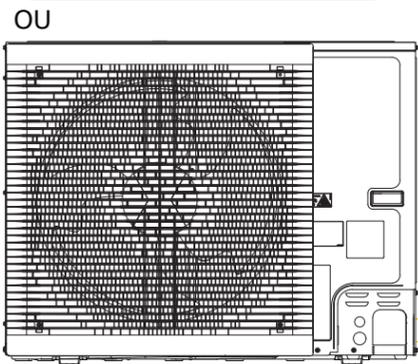
Piping Connections

- A) Refrigerant Liquid Connection - 3/8"
- B) Refrigerant Gas Connection - 5/8"
- C) Space Heating out - 1"
- D) Space Heating in - 1"
- E) Domestic Hot Water out - 3/4"
- F) Cold Water Supply - 3/4"



Piping Guidelines

- Minimum: 3m
- Maximum: 50m (Charge requirements in manual)
- Height Difference: 20m
- Min Flow Rate: 22L/min (heating, defrost, DHW)
- 16L/min (cooling)



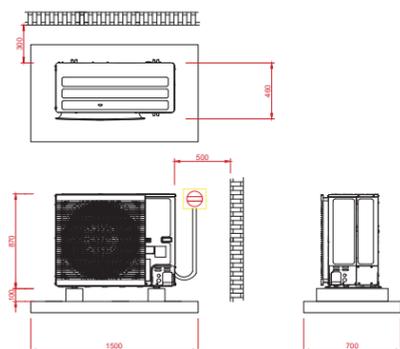
Outdoor Mounting

Wall Mounted:

The unit should be installed on cantilever arms (field supply) with drip tray fitted (available via Daikin) and condensate pipe fitted to storm drain.

Floor Standing:

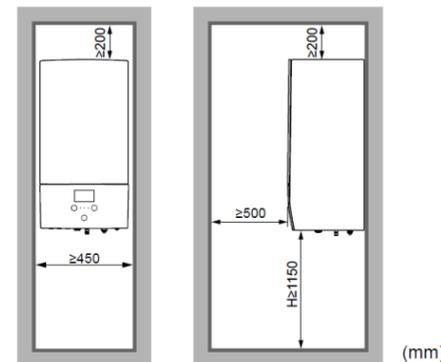
The unit should be installed on 2 rubber mounts/flexi feet (supplied by Daikin). The drainage can also be achieved by the means of an eco-drain or drain gully underneath the unit connected to storm drain.



Precommissioning Steps

1. Plinth sized correctly as shown with condensate run off
2. Duct sealed and dry
3. Power to Indoor and Outdoor unit
4. Power to Back-Up Heater
5. External control wired
6. System filled and vented
7. Bypass valve fitted on farthest loop from heat pump. Ensure min. flow rate as per manuals

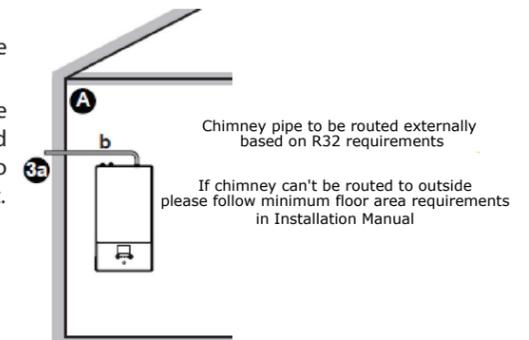
Additional gas may be required, reference installation manual



Indoor Mounting

All components are accessible via the front panels.

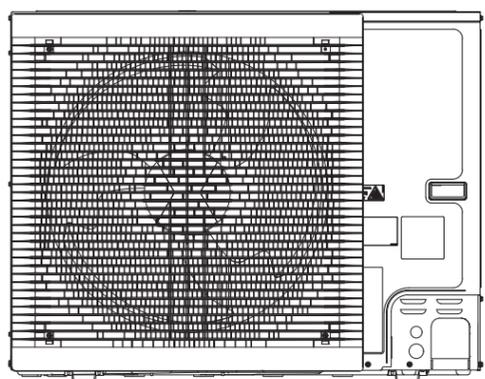
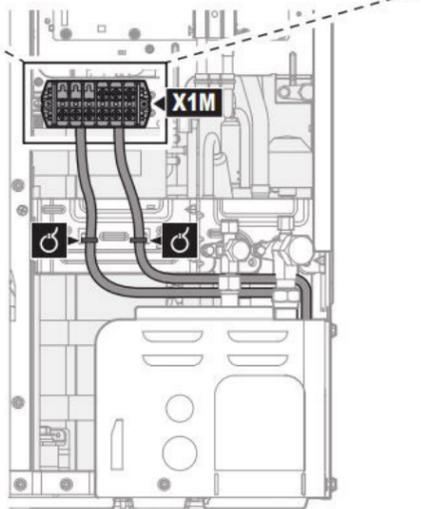
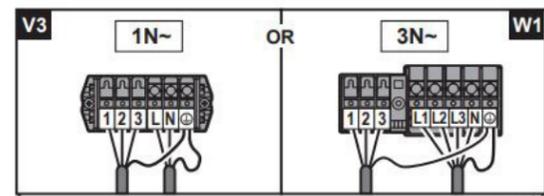
There is a condensate pipe pre fitted which needs to be drained appropriately. This can be routed to the left or right hand side of the unit. Note: indoor unit dimensions are 840x440x390(mm) (HxWxD). Tank sizing varies.



LEGEND:

OU	Outdoor Unit	ERLA11-16DV
IU	Indoor Unit	EBBH11-16DV
HWT	Hot Water Tank	EKHWS(U)-D3V3
UFH	UFH Wiring Centre	field supply
MV	Motorized Valve	field supply
1	Outdoor to Mains	6sq x 3 core power supply with isolation switch and 32Amp fuse
2	Indoor to Mains	4sq x 3 core power supply with 25Amp fuse
3	Outdoor to Indoor	1.5sq x 4 Core communication
4	Indoor heat demand	0.75 X 2 Core Volt free contact

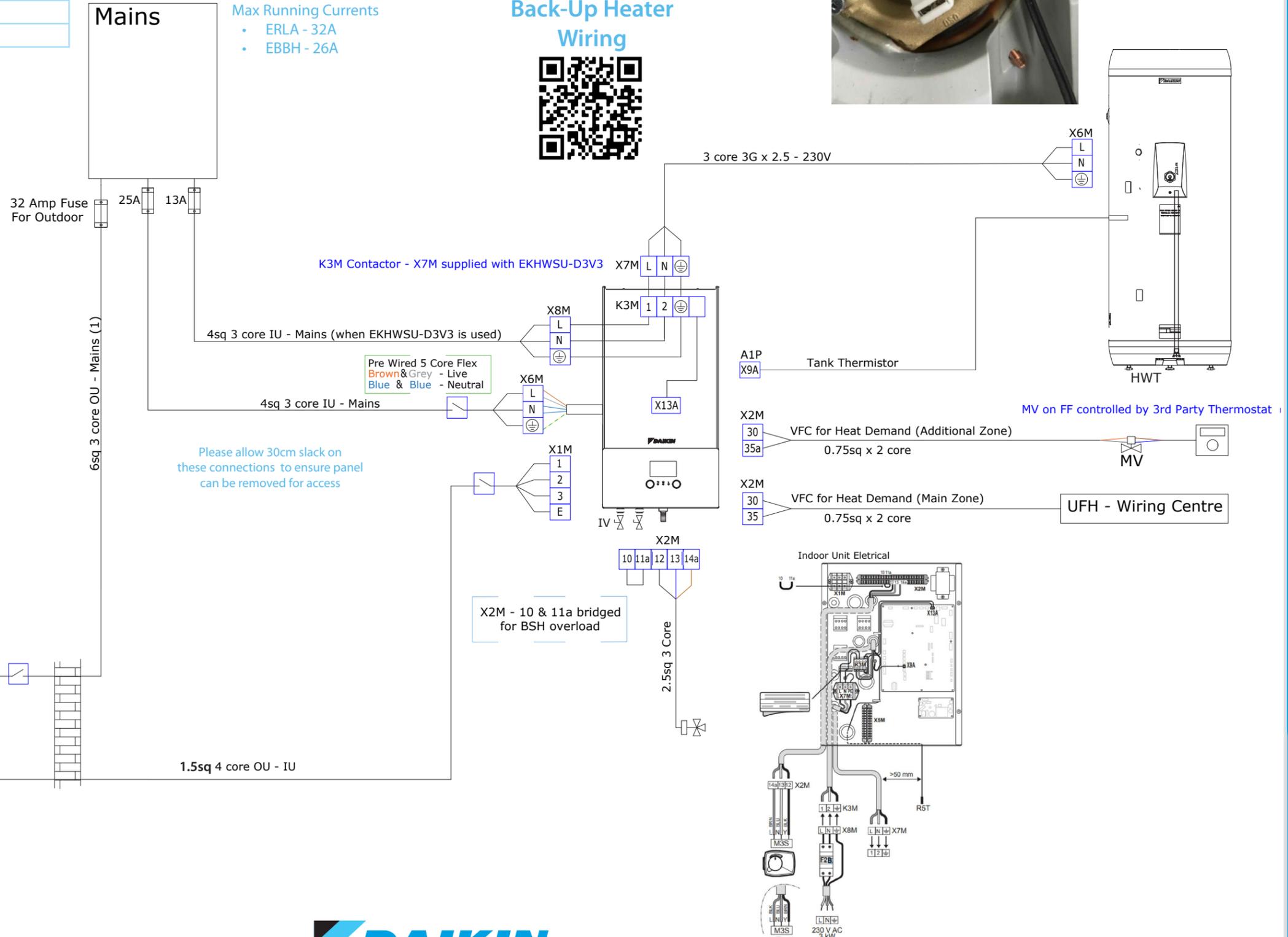
Outdoor Unit Switchbox location



Mains

- Max Running Currents**
- ERLA - 32A
 - EBBH - 26A

Back-Up Heater Wiring

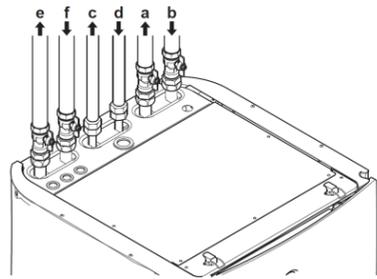


For Daikin 300ltr tank fix the tank thermistor in the opening like image

- Inside the Machine
- What is the machine doing
- Power Up Settings
- Error on Setup
- Customer Settings
- Hot Water + Heating on and off
- Set Schedules
- End User Settings
- Programming a USB
- Loading settings from a USB

Piping Connections

- A) Space Heating out - 1"
- B) Space Heating in - 1"
- C) Domestic Hot Water out - 3/4"
- D) Cold Water Supply - 3/4"
- E) Water Connection out - 1"
- F) Water Connection in - 1"

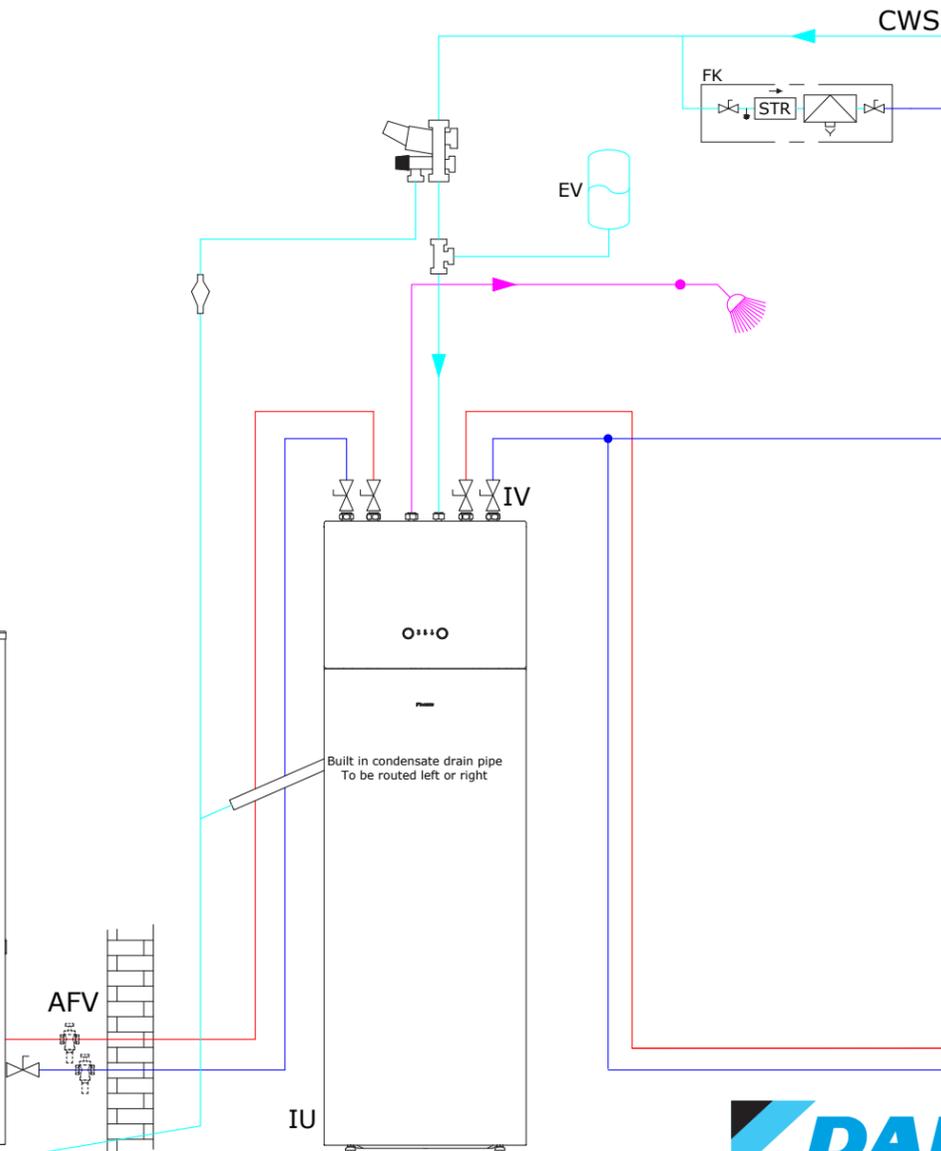
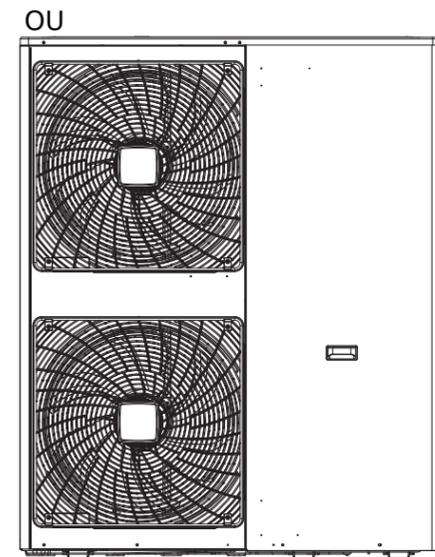


Piping Guidelines

- Minimum: 3m
- Maximum: Visit HSN
- Height Difference: 10m
- Min Flow Rate: 20L/min
- Min Flow Rate: 20L/min



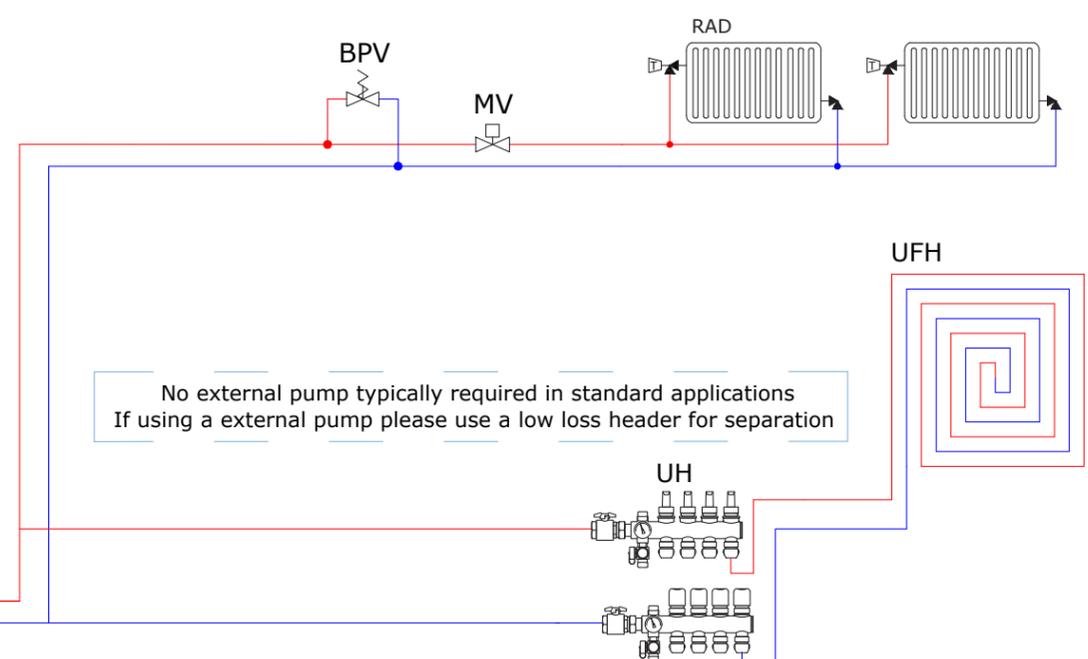
LEGEND:		
OU	Outdoor Unit	EPGA11-16DV
IU	Indoor Unit	EAVH016S(18/23)D6V/D9W
IV	Isolation Valve	delivered with unit
FK	Filling Kit	field supply, according to local regulations
STR	Strainer	field supply
EV	Expansion Vessel	field supply
CW	Water Inlet Safety Group	field supply, according to local regulations
TMV	Thermostatic Valve	field supply
BPV	ByPass Valve	delivered with unit
UFH	Underfloor Heating	field supply
UH	Manifold	field supply
AFV	Anti Freeze Valve	ordered separately



By-Pass valve fitted on heating circuit (i.e. after 3 way valve)

Minimum flow rate of 20litres/min required

No external pump typically required in standard applications
If using a external pump please use a low loss header for separation



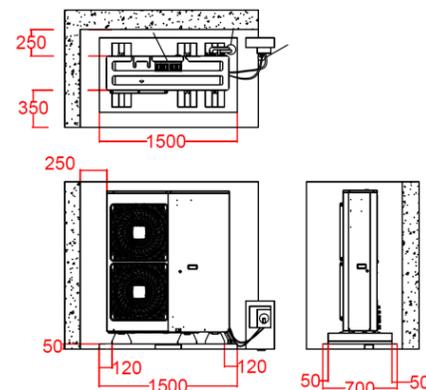
Outdoor Mounting

Wall Mounted:

The unit should be installed on cantilever arms (field supply) with drip tray fitted (available via Daikin) and condensate pipe fitted to storm drain.

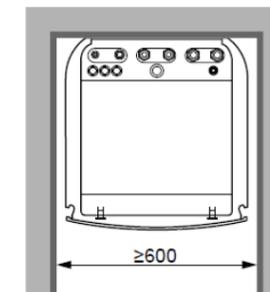
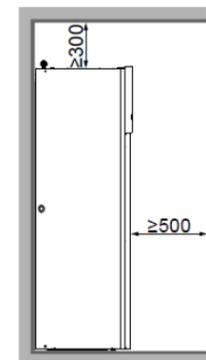
Floor Standing:

The unit should be installed on 3 rubber mounts/flexi feet (supplied via Daikin). The drainage can also be achieved by the means of an eco-drain or drain gully underneath the unit connected to storm drain.



Precommissioning Steps

1. Plinth sized correctly as shown with condensate run off
2. Duct sealed and dry
3. Power to Indoor and Outdoor unit
4. Power to Back-Up Heater
5. External control wired
6. System filled and vented
7. Bypass valve fitted on farthest loop from heat pump. Ensure min. flow rate as per manuals



(mm)

Indoor Mounting

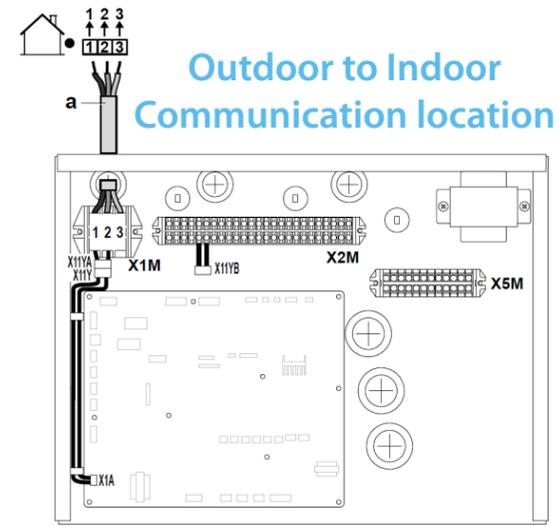
All components are accessible via the front panels.

There is a condensate pipe pre fitted which needs to be drained appropriately. This can be routed to the left or right hand side of the unit. Note: indoor unit dimensions are 595mm wide x 625mm deep. The 180ltr unit is 1650mm high and the 230ltr is 1850mm.

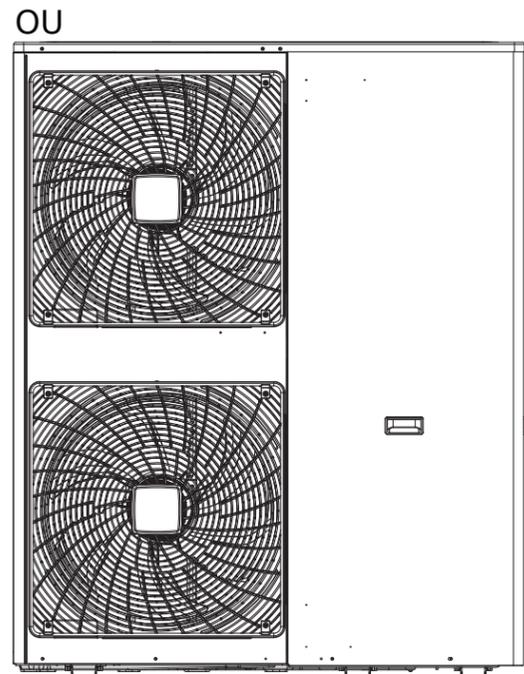
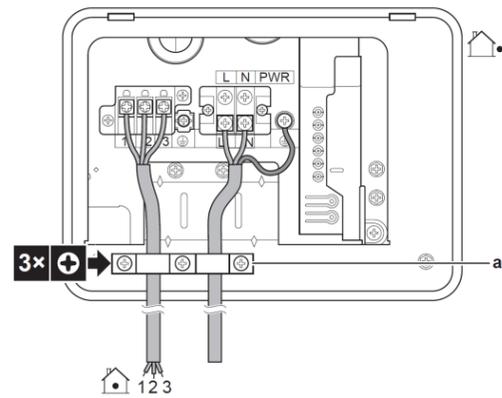
The 180ltr unit is 109kg and the 230ltr is 118kg.

LEGEND:

OU	Outdoor Unit	EPGA11-16DV
IU	Indoor Unit	EAVH11-16S(18/23)D6V/D9W
UFH	UFH Wiring Centre	field supply
MV	Motorized Valve	field supply
1	Outdoor to Mains	6sq x 3 core power supply with isolation switch and 32Amp fuse
2	Indoor to Mains	4sq x 3 core power supply with 25Amp fuse
3	Outdoor to Indoor	1.5sq x 4 Core communication
4	Indoor heat demand	0.75 X 2 Core Volt free contact



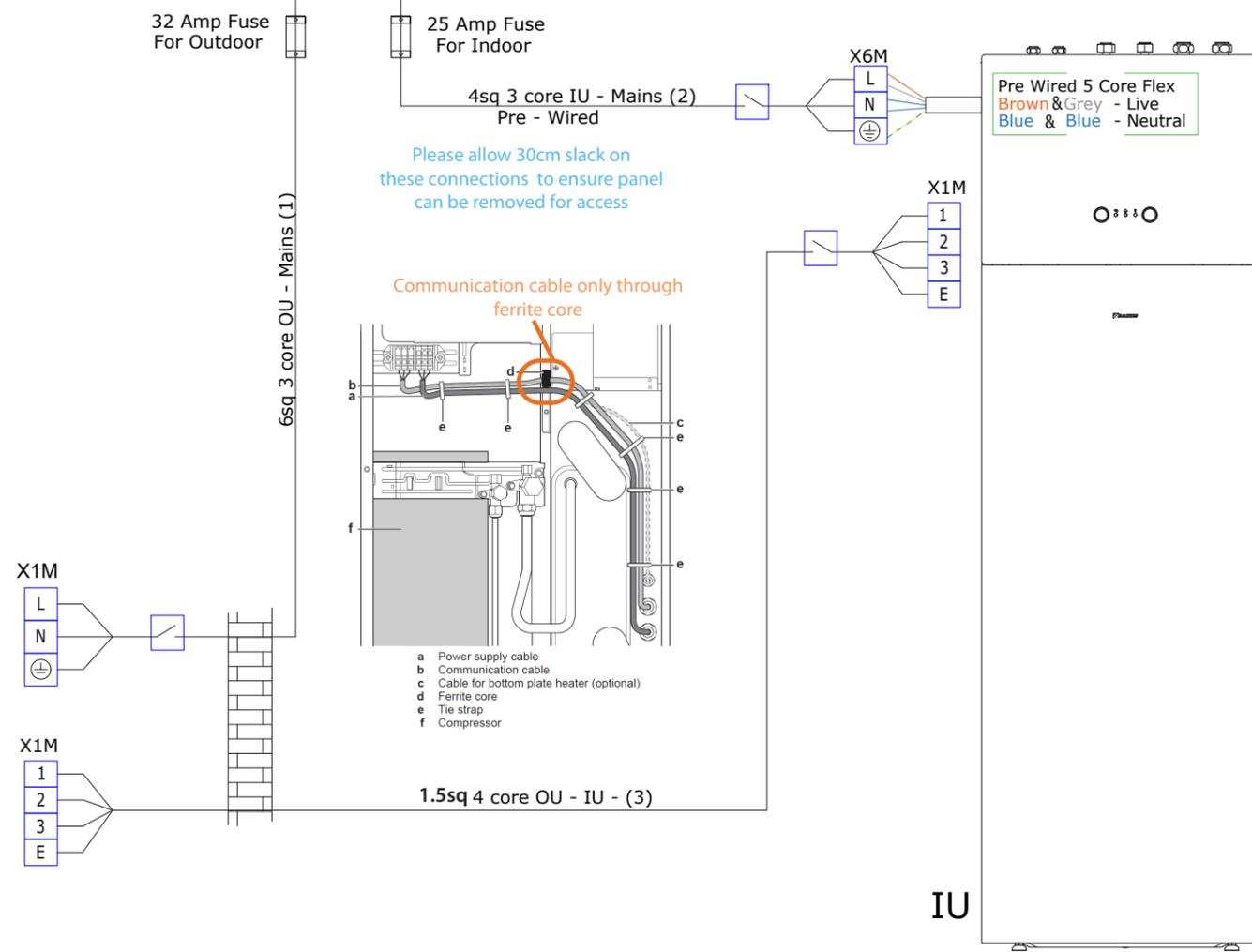
Outdoor Unit Switchbox location



Max Running Current - 30.7A

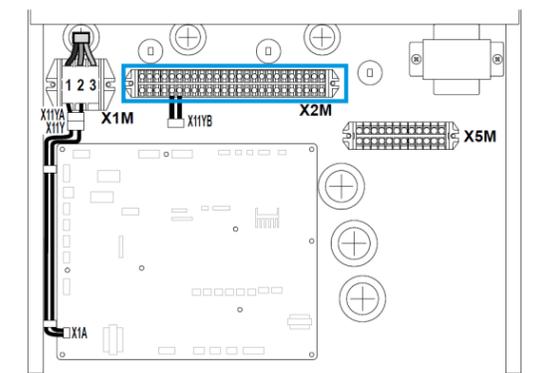
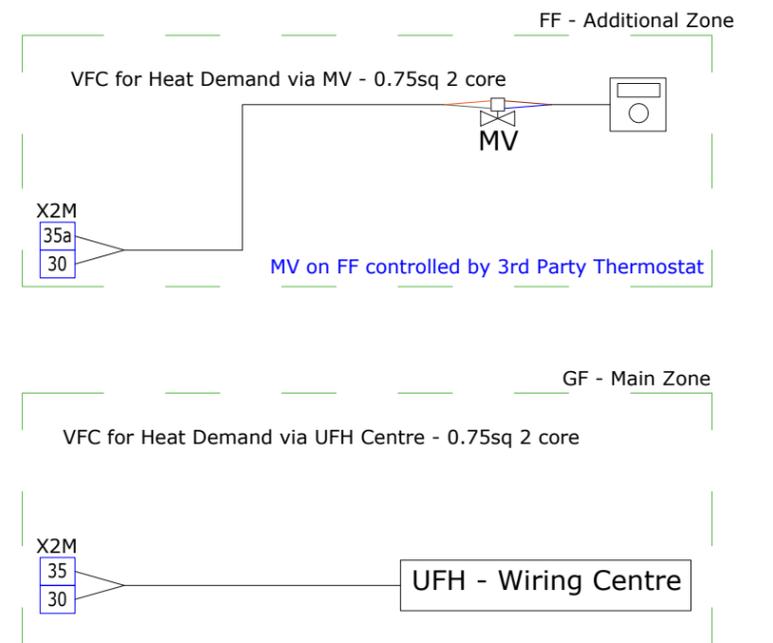
Mains

Back-Up Heater Wiring



IU

Max Running Current - 26A



Indoor Unit X2M location

What is the machine doing



Power Up Settings



Error on Setup



Customer Settings



Hot Water + Heating on and off



Set Schedules



End User Settings



Programming a USB

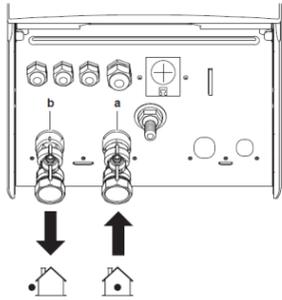


Loading settings from a USB



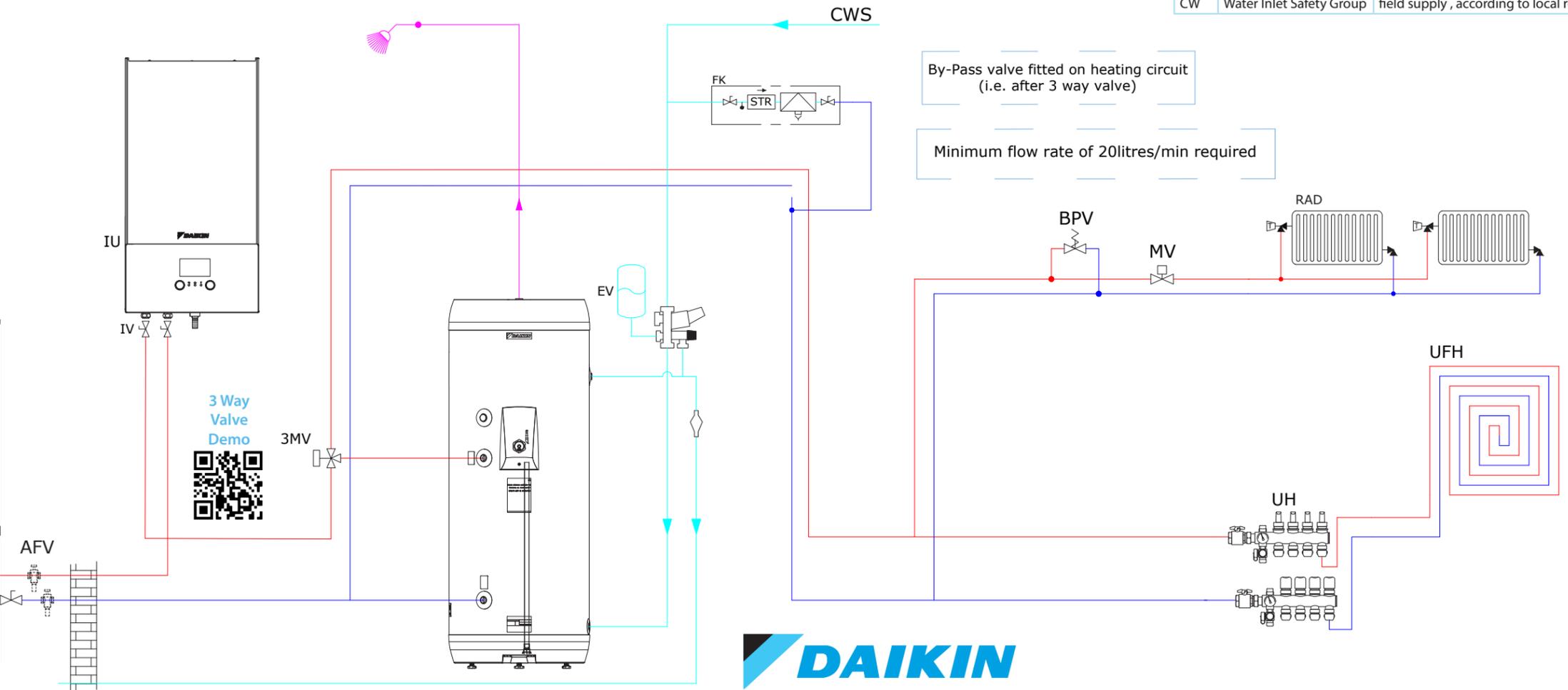
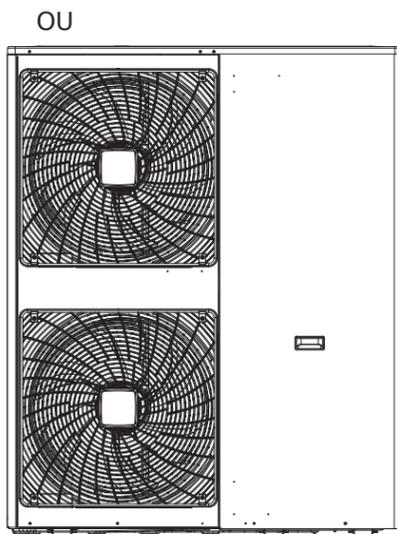
Piping Connections

- A) Water Connection out - 1"
- B) Water Connection in - 1"



Piping Guidelines

- Minimum: 3m
- Maximum: Visit HSN
- Height Difference: 10m
- Min Flow Rate: 20L/min



LEGEND:		
TMV	Thermostatic Valve	field supply
BPV	ByPass Valve	delivered with unit
UFH	Underfloor Heating	field supply
UH	Manifold	field supply
RAD	Radiator	field supply
MV	Motorized Valve	field supply
3MV	3 Port Motorized Valve	delivered with Daikin HWT
AVF	Anti Freeze Valve	ordered separately
OU	Outdoor Unit	EPGA11-16DV
IU	Indoor Unit	EABH16D6V
HWT	Hot Water Tank	EKHWS-D3V3 / EKHSU-D3V3
IV	Isolation Valve	delivered with unit
FK	Filling Kit	field supply, according to local regulations
STR	Strainer	field supply
EV	Expansion Vessel	field supply
CW	Water Inlet Safety Group	field supply, according to local regulations



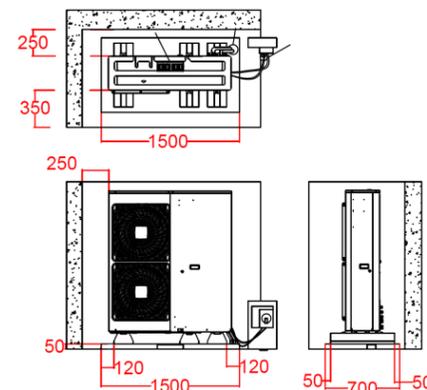
Outdoor Mounting

Wall Mounted:

The unit should be installed on cantilever arms (field supply) with drip tray fitted (available via Daikin) and condensate pipe fitted to storm drain.

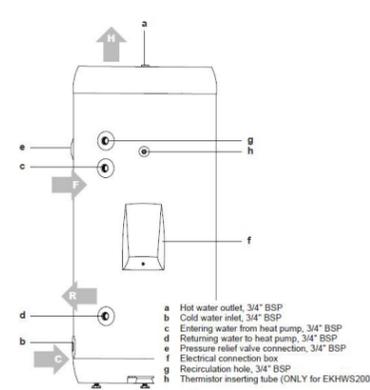
Floor Standing:

The unit should be installed on 3 rubber mounts/flexi feet (supplied via Daikin). The drainage can also be achieved by the means of an eco-drain or drain gully underneath the unit connected to storm drain.

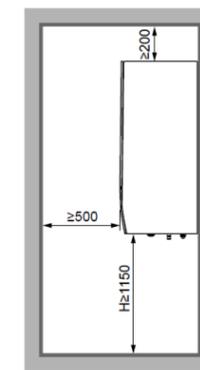
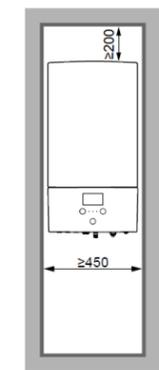


Precommissioning Steps

1. Plinth sized correctly as shown with condensate run off
2. Duct sealed and dry
3. Power to Indoor and Outdoor unit
4. Power to Back-Up Heater
5. External control wired
6. System filled and vented
7. Bypass valve fitted on farthest loop from heat pump. Ensure min. flow rate as per manuals



- a Hot water outlet, 3/4" BSP
- b Cold water inlet, 3/4" BSP
- c Entering water from heat pump, 3/4" BSP
- d Returning water to heat pump, 3/4" BSP
- e Pressure relief valve connection, 3/4" BSP
- f Electrical connection box
- g Recirculation hole, 3/4" BSP
- h Thermistor inserting tube (ONLY for EKHSU200*)



(mm)

Indoor Mounting

All components are accessible via the front panels.

There is a condensate pipe pre fitted which needs to be drained appropriately. This can be routed to the left or right hand side of the unit.

Note: indoor unit dimensions are 840x440x390mm (HxWxD). Tank sizing varies.

Inside the Machine



What is the machine doing



Power Up Settings



Error on Setup



Customer Settings



Hot Water + Heating on and off



Set Schedules



End User Settings



Programming a USB

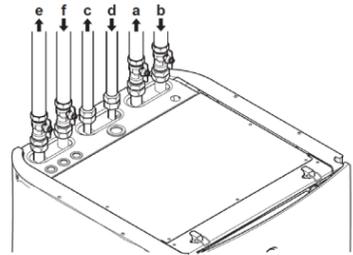


Loading settings from a USB



Piping Connections

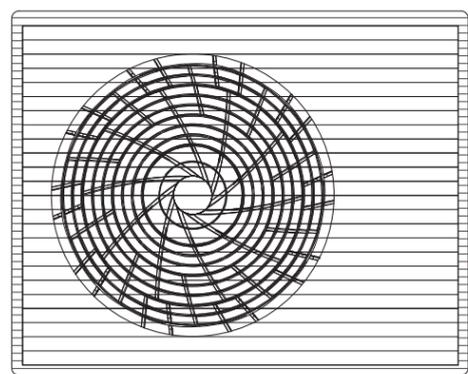
- A) Space Heating out - 1"
- B) Space Heating in - 1"
- C) Domestic Hot Water out - 3/4"
- D) Cold Water Supply - 3/4"
- E) Water Connection out - 1"
- F) Water Connection in - 1"



Piping Guidelines

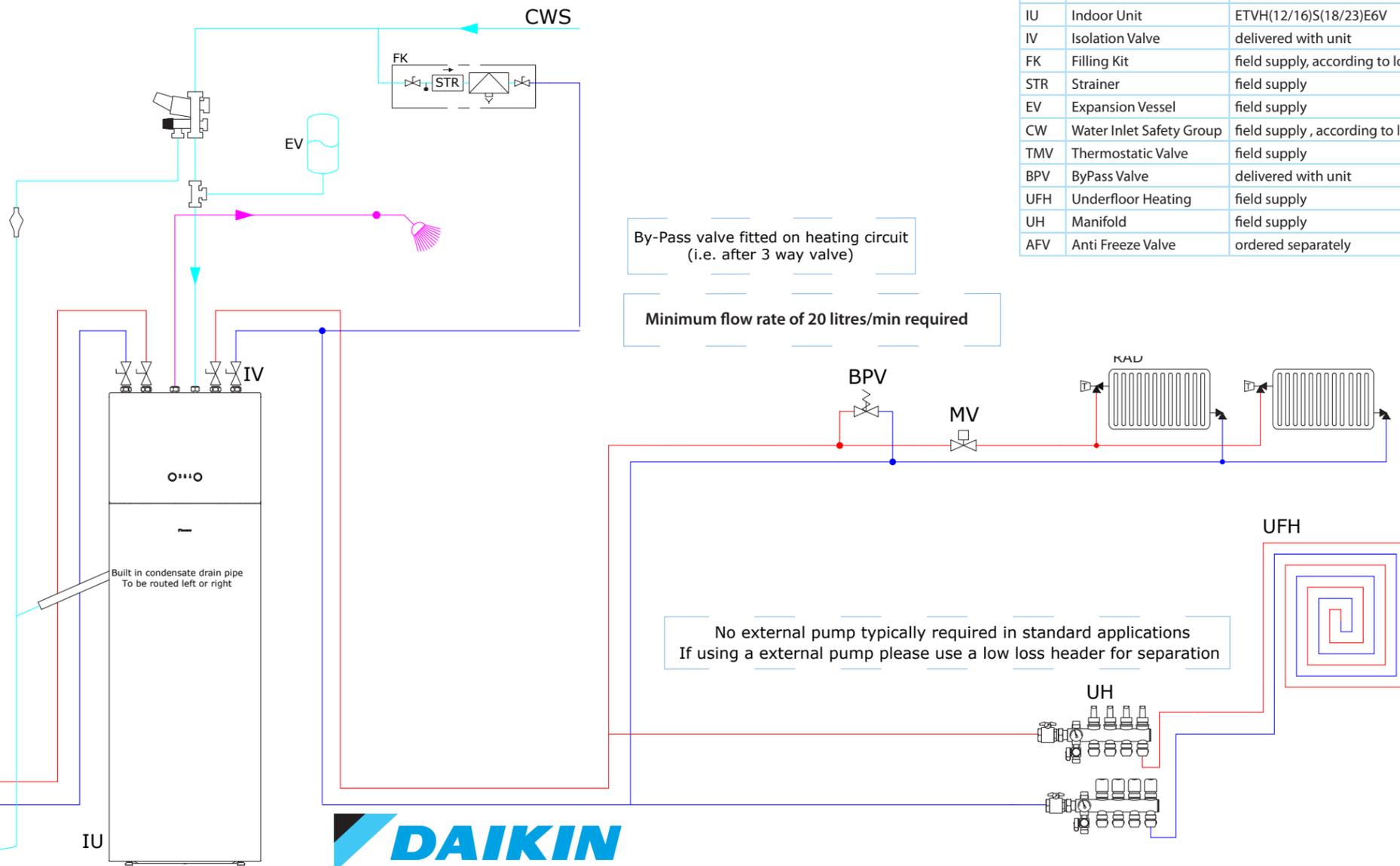
- Minimum: 3m
- Maximum: Visit HSN
- Height Difference: 10m
- Min Flow Rate: 20L/min

OU



AFV

Water Connection



LEGEND:

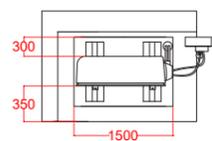
OU	Outdoor Unit	EPRA08-18E/DV
IU	Indoor Unit	ETVH(12/16)S(18/23)E6V
IV	Isolation Valve	delivered with unit
FK	Filling Kit	field supply, according to local regulations
STR	Strainer	field supply
EV	Expansion Vessel	field supply
CW	Water Inlet Safety Group	field supply, according to local regulations
TMV	Thermostatic Valve	field supply
BPV	ByPass Valve	delivered with unit
UFH	Underfloor Heating	field supply
UH	Manifold	field supply
AFV	Anti Freeze Valve	ordered separately



Outdoor Mounting

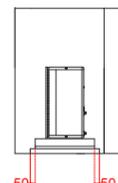
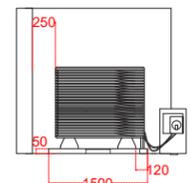
Wall Mounted:

The unit should be installed on cantilever arms (field supply) with drip tray fitted (available via Daikin) and condensate pipe fitted to storm drain.



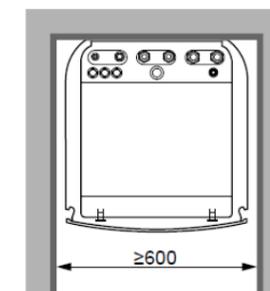
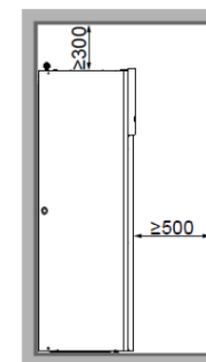
Floor Standing:

The unit should be installed on 2 rubber mounts/flexi feet (available via Daikin). The drainage can also be achieved by the means of an eco-drain or drain gully underneath the unit connected to storm drain.



Precommissioning Steps

1. Plinth sized correctly as shown with condensate run off
2. Duct sealed and dry
3. Power to Indoor and Outdoor unit
4. Power to Back-Up Heater
5. External control wired
6. System filled and vented
7. Bypass valve fitted on farthest loop from heat pump. Ensure min. flow rate as per manuals



(mm)

Indoor Mounting

All components are accessible via the front panels.

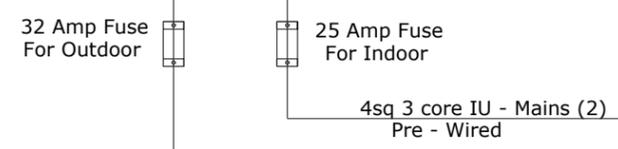
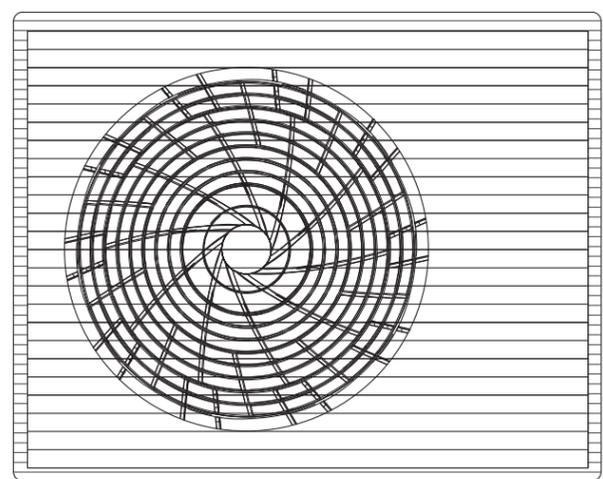
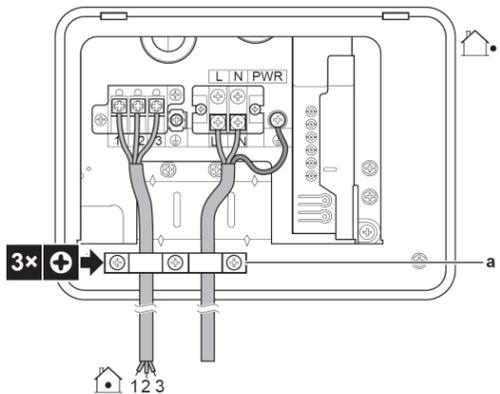
There is a condensate pipe pre fitted which needs to be drained appropriately. This can be routed to the left or right hand side of the unit.

Note: indoor unit dimensions are 595mm wide x 625mm deep. The 180ltr unit is 1650mm high and the 230ltr is 1850mm. The 180ltr unit is 109kg and the 230ltr is 118kg.

LEGEND:

OU	Outdoor Unit	EPR08-18E/DV
IU	Indoor Unit	ETVH16S(18/23)D6V
UFH	UFH Wiring Centre	field supply
MV	Motorized Valve	field supply
1	Outdoor to Mains	6sq x 3 core power supply with isolation switch and 32Amp fuse
2	Indoor to Mains	4sq x 3 core power supply with 25Amp fuse
3	Outdoor to Indoor	1.5sq x 4 Core communication
4	Indoor heat demand	0.75 X 2 Core Volt free contact

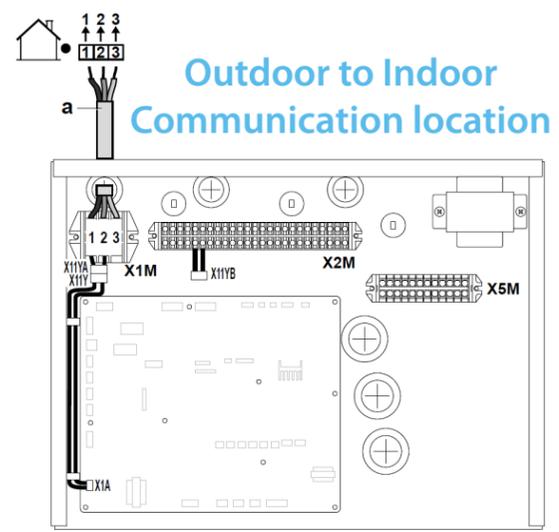
Outdoor Unit Switchbox location



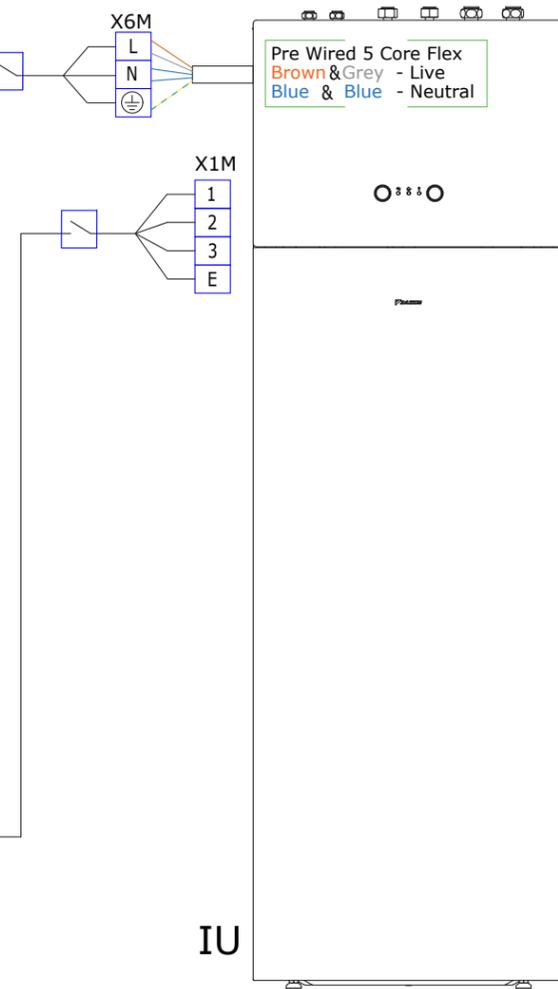
Please allow 30cm slack on these connections to ensure panel can be removed for access

6sq 3 core OU - Mains (1)

1.5sq 4 core OU - IU - (3)

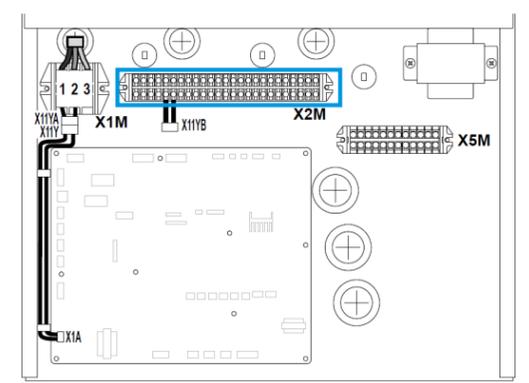
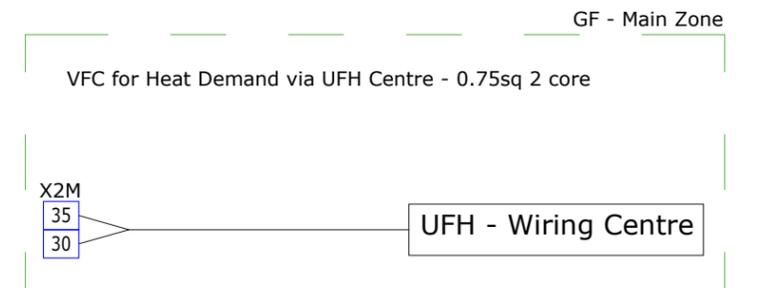
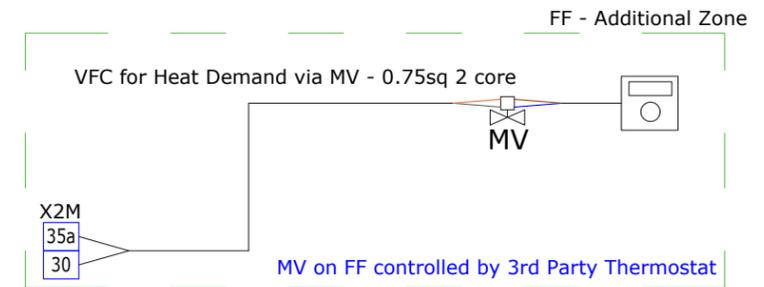


Outdoor to Indoor Communication location



IU

Back-Up Heater Wiring



Indoor Unit X2M location

What is the machine doing



Power Up Settings



Error on Setup



Customer Settings



Hot Water + Heating on and off



Set Schedules



End User Settings



Programming a USB



Loading settings from a USB

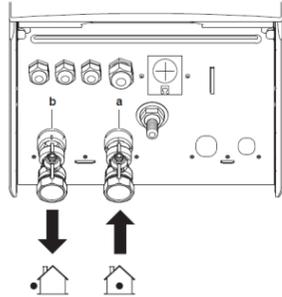


LEGEND:

TMV	Thermostatic Valve	field supply
BPV	ByPass Valve	delivered with unit
UFH	Underfloor Heating	field supply
UH	Manifold	field supply
RAD	Radiator	field supply
MV	Motorized Valve	field supply
3MV	3 Port Motorized Valve	delivered with Daikin HWT
AVF	Anti Freeze Valve	ordered separately
OU	Outdoor Unit	Epra8-18E/DV
IU	Indoor Unit	ETBH16D6V
HWT	Hot Water Tank	EKHWS-D3V3 / EKHWSU-D3V3
IV	Isolation Valve	delivered with unit
FK	Filling Kit	field supply, according to local regulations
STR	Strainer	field supply
EV	Expansion Vessel	field supply
CW	Water Inlet Safety Group	field supply, according to local regulations

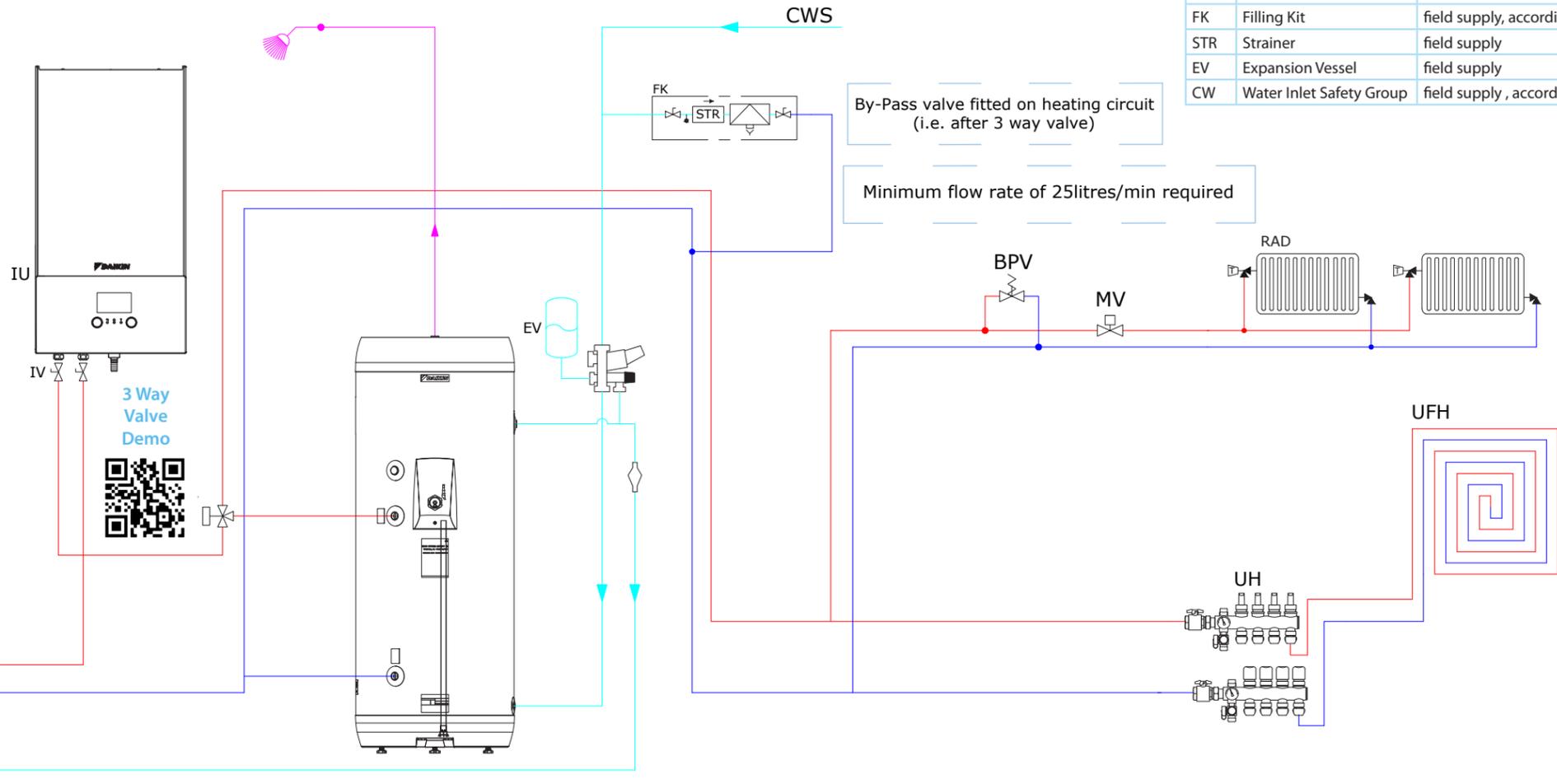
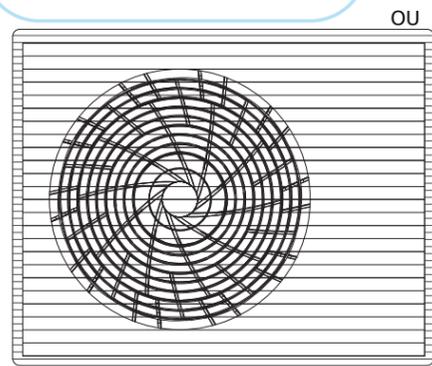
Piping Connections

- A) Water Connection out - 1"
- B) Water Connection in - 1"



Piping Guidelines

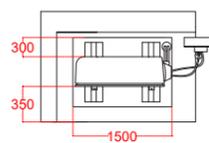
- Minimum: 3m
- Maximum: Visit HSN
- Height Difference: 10m
- Min Flow Rate: 25L/min



Outdoor Mounting

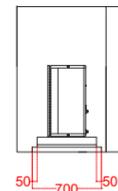
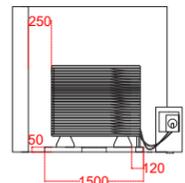
Wall Mounted:

The unit should be installed on cantilever arms (field supply) with drip tray fitted (available via Daikin) and condensate pipe fitted to storm drain.



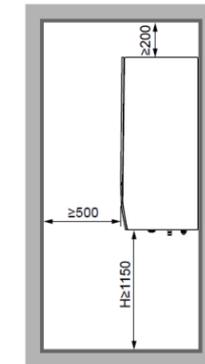
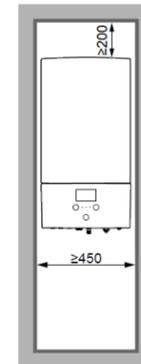
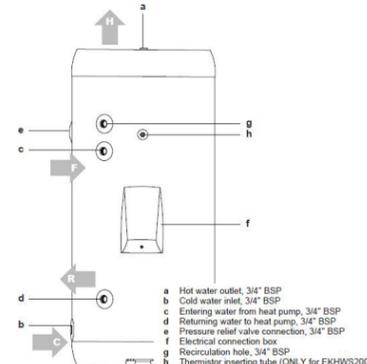
Floor Standing:

The unit should be installed on 2 rubber mounts/flexi feet (available via Daikin). The drainage can also be achieved by the means of an eco-drain or drain gully underneath the unit connected to storm drain.



DAIKIN Precommissioning Steps

1. Plinth sized correctly as shown with condensate run off
2. Duct sealed and dry
3. Power to Indoor and Outdoor unit
4. Power to Back-Up Heater
5. External control wired
6. System filled and vented
7. Bypass valve fitted on farthest loop from heat pump. Ensure min. flow rate as per manuals



(mm)

Indoor Mounting

All components are accessible via the front panels.

There is a condensate pipe pre fitted which needs to be drained appropriately. This can be routed to the left or right hand side of the unit.

Note: indoor unit dimensions are 840x440x390mm (HxWxD). Tank sizing varies.

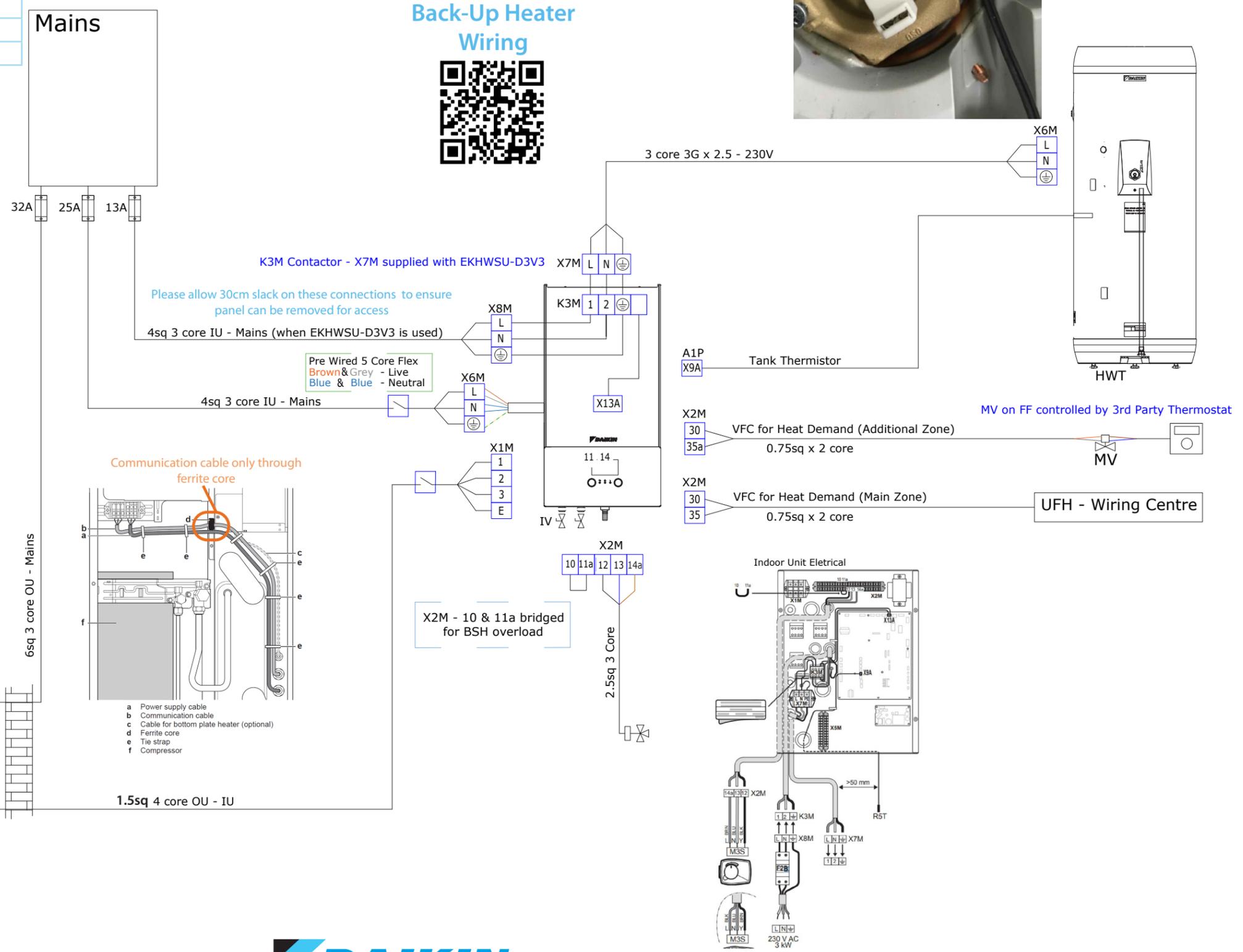
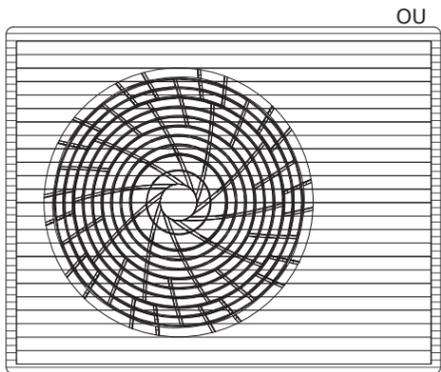
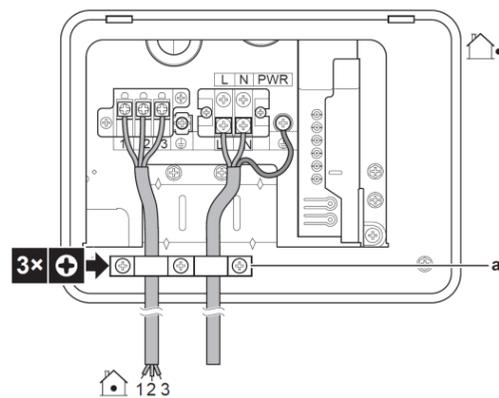
LEGEND:

OU	Outdoor Unit	EPRA8-18E/DV
IU	Indoor Unit	ETVH16S(18/23)D6V/D9W
HWT	Hot Water Tank	EKHWS(U)-D3V3
UFH	UFH Wiring Centre	field supply
MV	Motorized Valve	field supply
1	Outdoor to Mains	6sq x 3 core power supply with isolation switch and 32Amp fuse
2	Indoor to Mains	4sq x 3 core power supply with 25Amp fuse
3	Outdoor to Indoor	1.5sq x 4 Core communication
4	Indoor heat demand	0.75 X 2 Core Volt free contact



For Daikin 300ltr tank fix the tank thermistor in the opening like image

Outdoor Unit Switchbox location

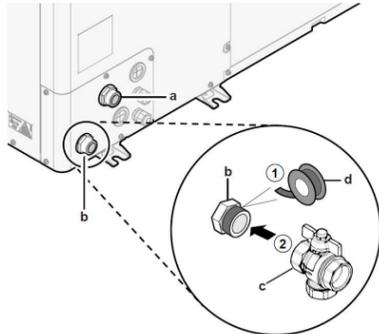


Piping Connections

Water Connection out - 1"
Water Connection in - 1"

Piping Limitations

Max Pipe Length - Refer to installation manual



- a Water OUT (screw connection, male, 1")
- b Water IN (screw connection, male, 1")
- c Shut-off valve with integrated filter (delivered as accessory)(2x screw connection, female, 1")
- d Thread sealant

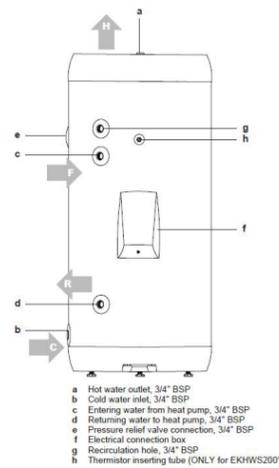
Monobloc Overview



For 4 - 8kw Monobloc	
If operation is....	Then the minimum required flow rate is....
Cooling	10 l/min
Heating	6 l/min
BUH operation	12 l/min
Heating defrost	12 l/min
DHW	25 l/min

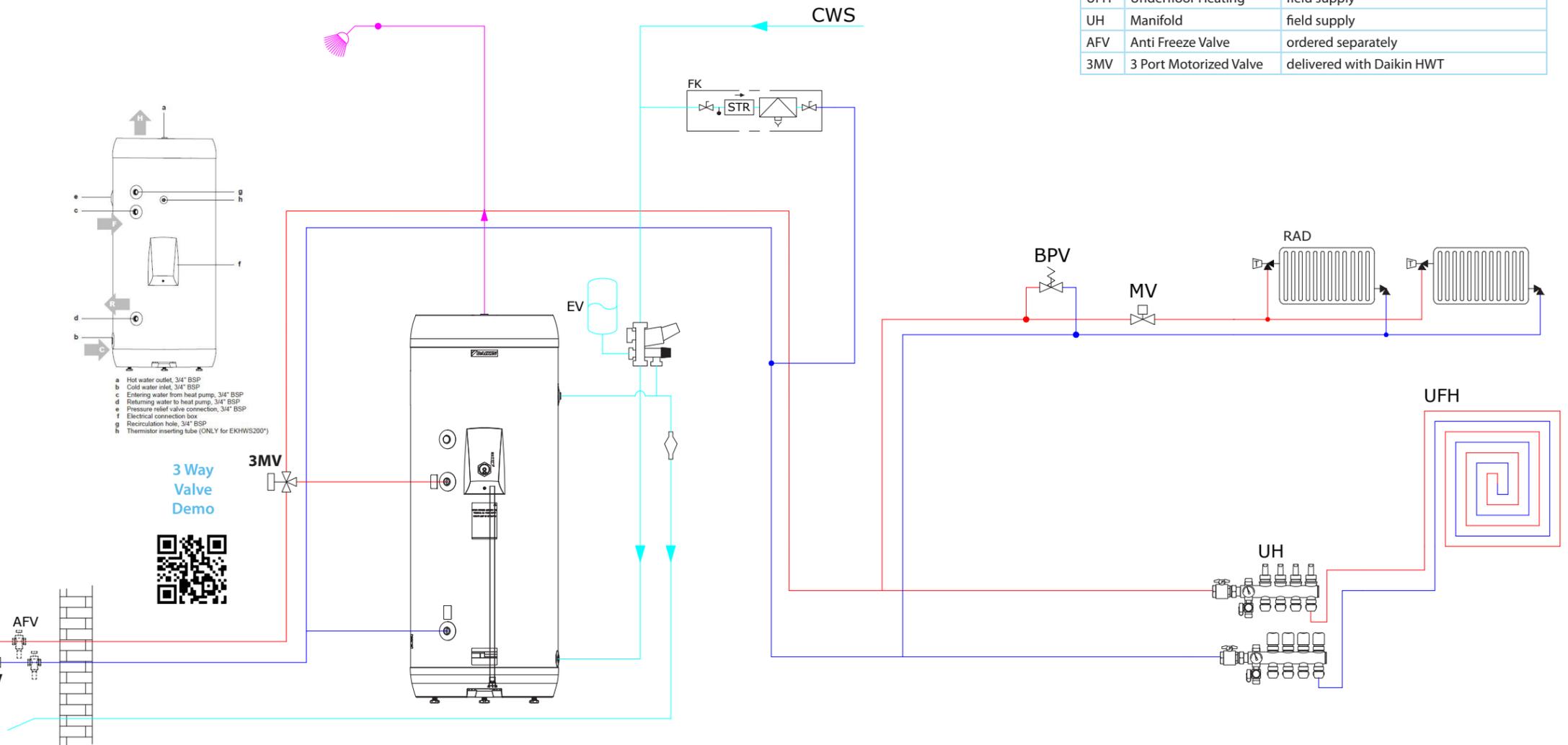
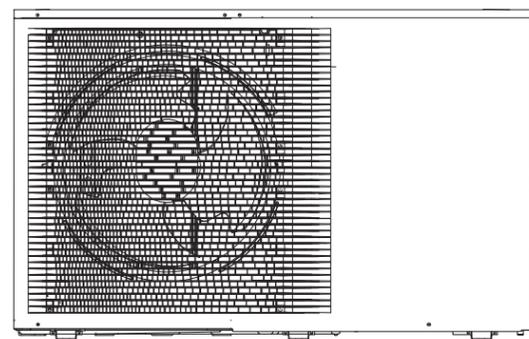
For 9 - 16kw Monobloc	
If operation is....	Then the minimum required flow rate is....
Cooling	20 l/min
Heating/defrost when outdoor temperature is above -5° C	
Heating/defrost when outdoor temperature is below -5° C	22 l/min
Domestic hot water production	28 l/min

LEGEND:		
OU	Outdoor Unit	EDLA04-16E/DV
HWT	Hot Water Tank	EKHWS(U)XXXDV3
IV	Isolation Valve	delivered with unit
FK	Filling Kit	field supply, according to local regulations
STR	Strainer	field supply
EV	Expansion Vessel	field supply
CWS	Water Inlet Safety Group	field supply, according to local regulations
TMV	Thermostatic Valve	field supply
BPV	ByPass Valve	Ordered separately for monobloc units
UFH	Underfloor Heating	field supply
UH	Manifold	field supply
AFV	Anti Freeze Valve	ordered separately
3MV	3 Port Motorized Valve	delivered with Daikin HWT



- a Hot water outlet, 3/4" BSP
- b Cold water inlet, 3/4" BSP
- c Entering water from heat pump, 3/4" BSP
- d Returning water to heat pump, 3/4" BSP
- e Pressure relief valve connection, 3/4" BSP
- f Electrical connection box
- g Recirculation hole, 3/4" BSP
- h Thermistor inserting tube (ONLY for EKHWS200')

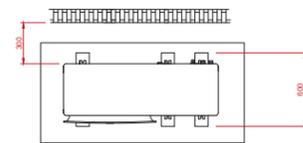
3 Way Valve Demo



Outdoor Mounting

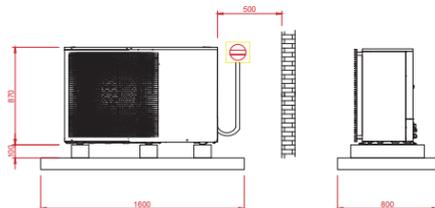
Wall Mounted:

The unit should be installed on cantilever arms (field supply) with drip tray fitted (available via Daikin) and condensate pipe fitted to storm drain.



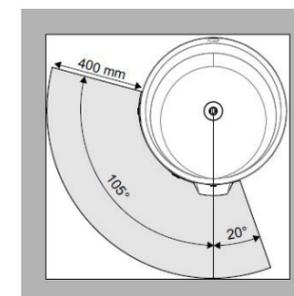
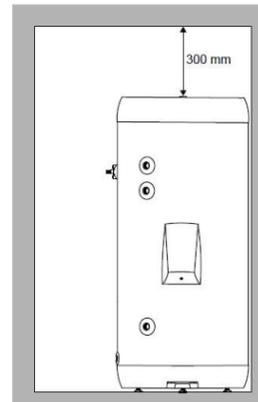
Floor Standing:

The unit should be installed on 3 rubber mounts/flexi feet (supplied via Daikin). The drainage can also be achieved by the means of an eco-drain or drain gully underneath the unit connected to storm drain.



Precommissioning Steps

1. Plinth sized correctly as shown with condensate run off
2. Duct sealed and dry
3. Power to Indoor and Outdoor unit
4. Power to Back-Up Heater
5. External control wired
6. System filled and vented
7. Bypass valve fitted on farthest loop from heat pump. Ensure min. flow rate as per manuals



Indoor Mounting

There is a condensate pipe pre fitted which needs to be drained appropriately.

Note: indoor unit dimensions are as follows;
200L Tank - 600 x 600 x 1305mm
300L Tank - 600 x 600 x 1785mm

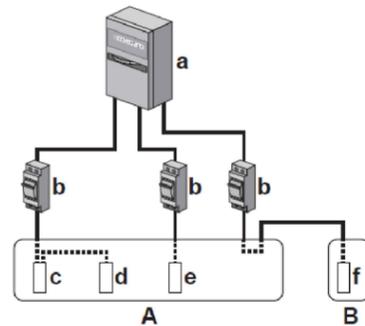
LEGEND:

OU	Outdoor Unit	EDLA04-16E/DV
HWT	Hot Water Tank	EKHWS(U)XXXDV3
UFH	UFH Wiring Centre	field supply
MV	Motorized Valve	field supply
1	Mains to Compressor	6sq x 3 core power supply with 32Amp fuse
2	Mains to Integrated BUH	4sq x 3 core power supply with 16Amp fuse
3	Mains to Booster Heater	4sq x 3 core power supply with 13Amp fuse
5	Outdoor to Tank	2.5sq x 3 Core 3G
6	Outdoor to Interface	0.75sq X 4 Core

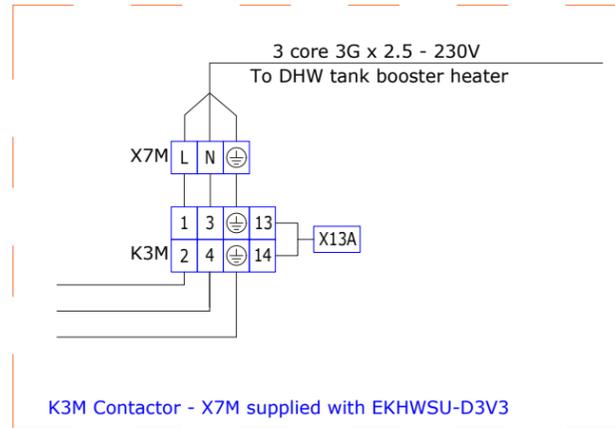
Monobloc Overview



With integrated backup heater



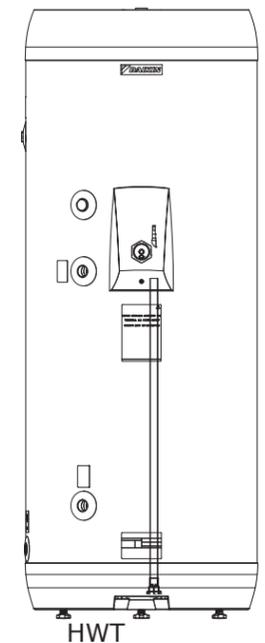
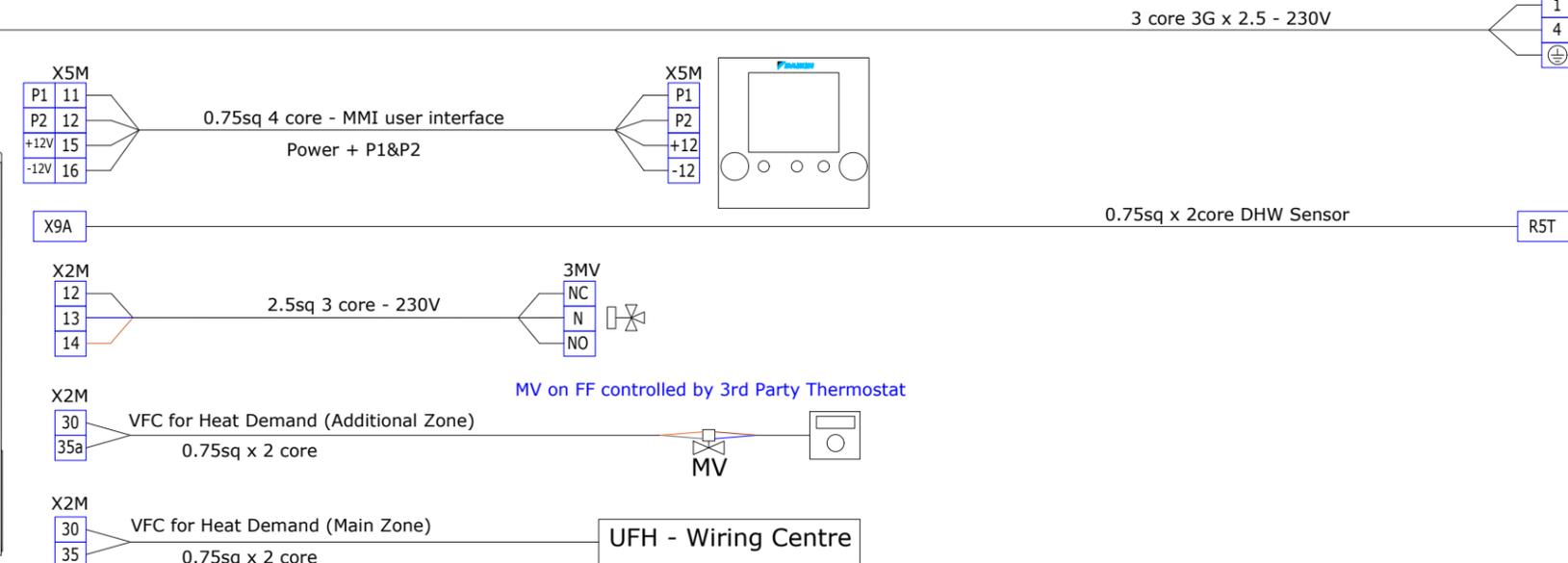
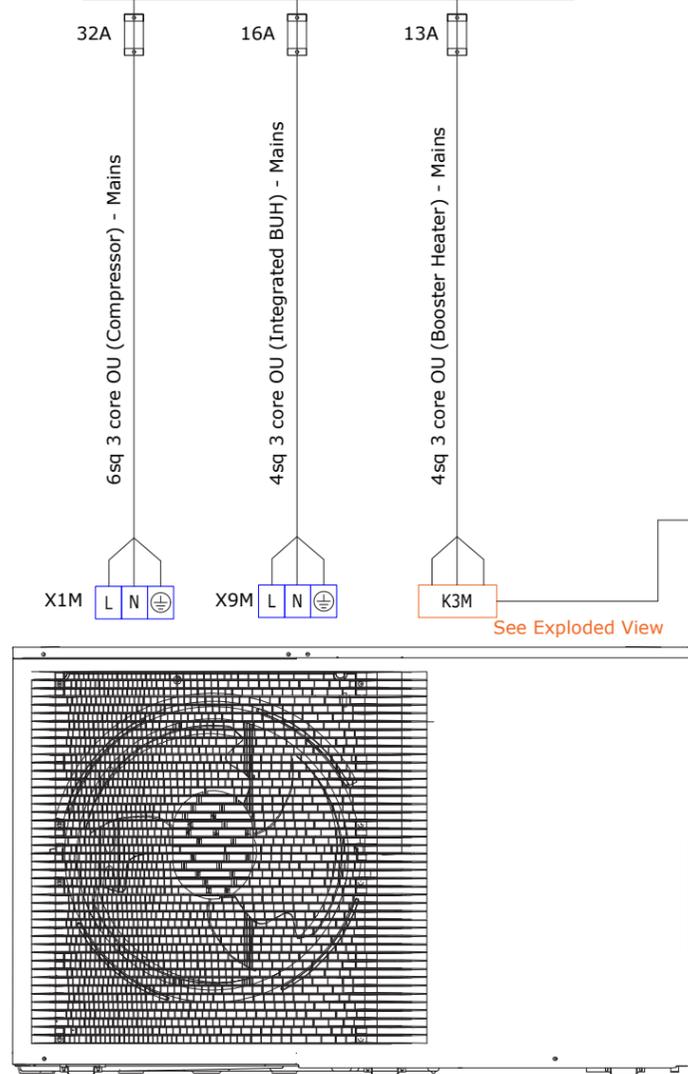
- A Outdoor unit
- B DHW tank
- C External backup heater kit
- a Electrical cabinet: **Normal kWh rate power supply**
- b Overcurrent fuse
- c Compressor module
- d Hydro module
- e Backup heater
- f Booster heater

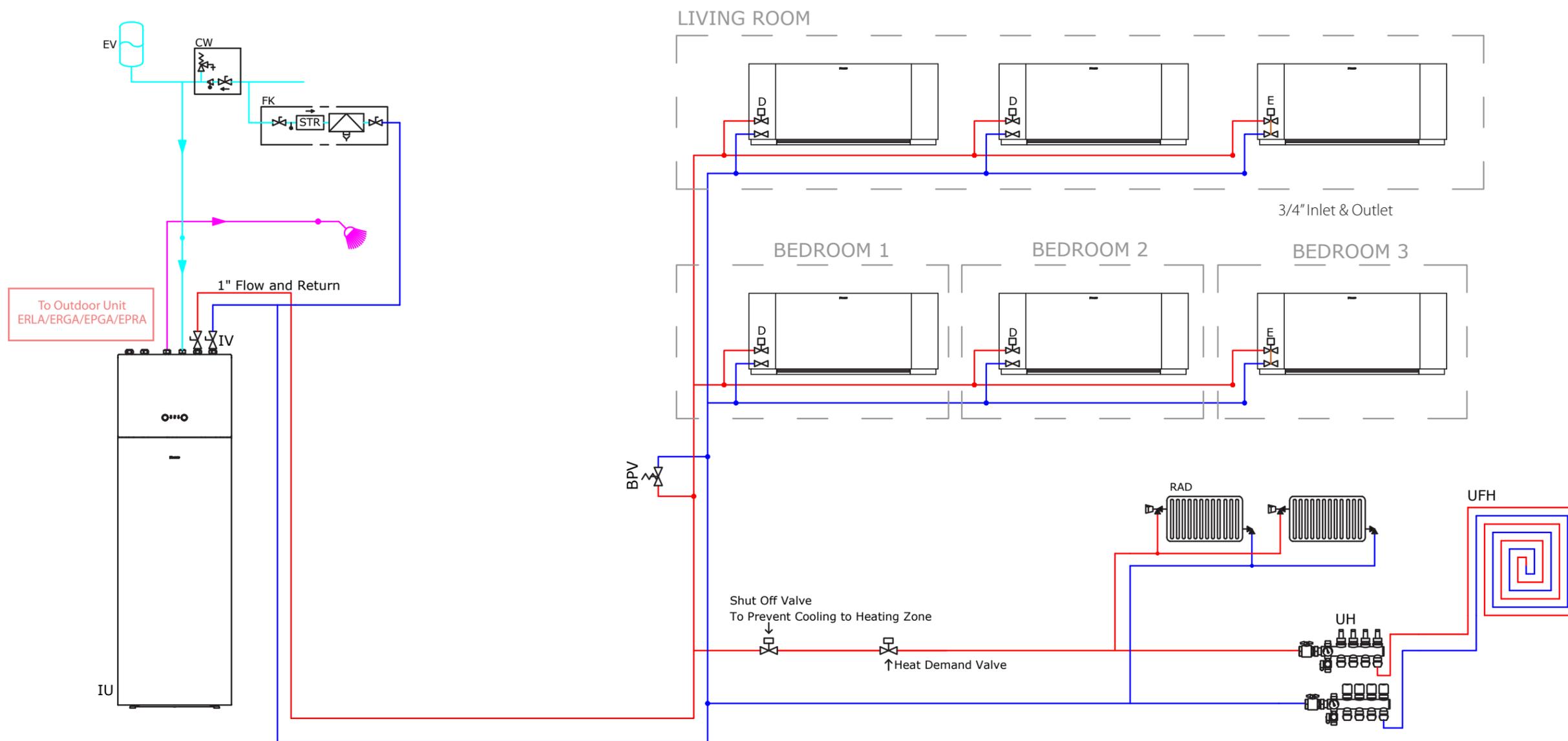


K3M Contactor - X7M supplied with EKHWSU-D3V3



For Daikin 300ltr tank fix the tank thermistor in the opening like image





DAIKIN Precommissioning Steps

1. Ensure the wall/ceiling supporting the unit can support the weight
2. Ensure the inlet and outlet grills are free of obstacles
3. Hydraulic connections are sealed and dry
4. Ensure min flow temp of 4° to HPC.
5. All pipework from indoor to HPC to be insulated
6. Check the correct outflow of the condensate drain off by pouring .5L of water into the collection tray in about 5 - 10 minutes
7. Before filling the system make sure the hydraulic unit lockshield is open
8. Evacuate all air from the system as per manual pg12
9. Ensure power to unit as per Elec drawing
10. Condensate drain lines required for cooling

HPC Horizontal Installation

- Using the paper template, trace on the wall/ceiling the position of the two fixing brackets and the two rear screws.
- Install the unit at level (with a 1-2% tolerance towards the drainage pipe to facilitate the flow of water). A condensate pump may be required.
- Ensure access hatch is provided

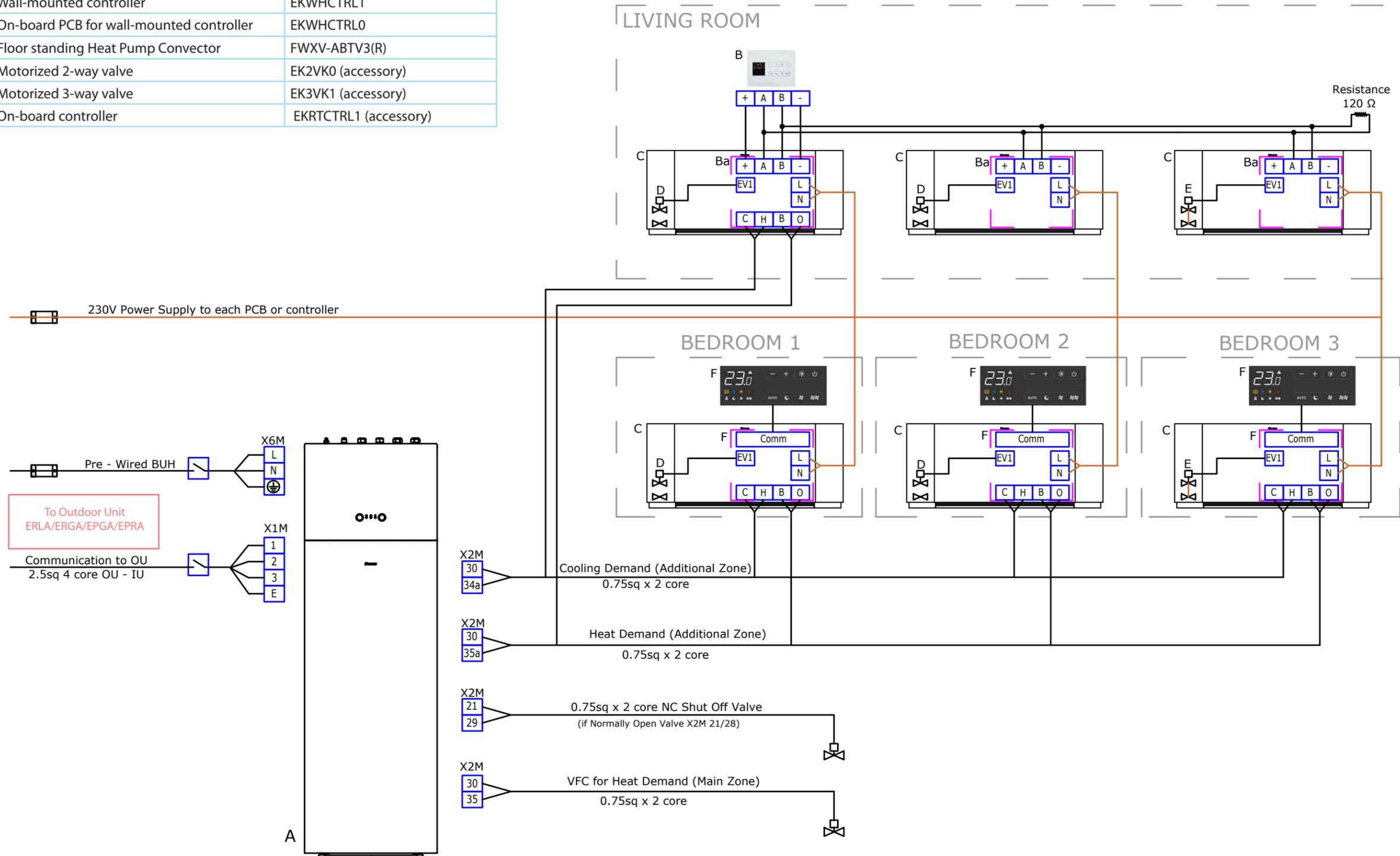
LEGEND:		
IU	Indoor Unit	Varies
D	Motorized 2-way valve	EK2VK0 (accessory)
E	Motorized 3-way valve	EK3VK1 (accessory)

Heat Pump
Convectors
YouTube



LEGEND:

A	Indoor Unit	
B	Wall-mounted controller	EKWHCTRL1
Ba	On-board PCB for wall-mounted controller	EKWHCTRL0
C	Floor standing Heat Pump Convector	FWXV-ABTV3(R)
D	Motorized 2-way valve	EK2VK0 (accessory)
E	Motorized 3-way valve	EK3VK1 (accessory)
F	On-board controller	EKRTCTRL1 (accessory)



			ALTHERMA 3										
TYPE	DESCRIPTION	CODE	Low Temperature Single Fan		Low Temperature Single Fan		Low Temperature Twin Fan		High Temperature Single Fan		Monobloc	Multi+	
			ERGA RF	ERGA RW	ERLA RF	ERLA RW	EPGA RF	EPGA RW	EPRA RF	EPRA RW	EDLA	4MWXM-A9	
			Floor Standing	Wall Hung	Floor Standing	Wall Hung	Floor Standing	Wall Hung	Floor Standing	Wall Hung	N/A	N/A	
Installation	DN20 Bypass Valve	140111	included	included	included	included	included	included	included	included	•		
	AntiFreeze Valve	AFVALVE1					• (2 required)	• (2 required)	• (2 required)	• (2 required)	• (2 required)		
	Third Party Tank Kit for Tank with Sensor Pocket, incl. 3 way valve & LT thermistor	EKHY3PART		•		•				•	•		
	DHW Unvented Kit	EKUHWHTB	•	•	•	•	•	•	•	•	•	•	
Controls	Single	Madoka Controller 	BRC1HHDS/W/K	•	•	•	•	•	•	•	•		
	Multi	DCOM Gateway	DCOM-LT/IO			•	•	•	•	•	•		
		Sequence Controller – DCOM LT/IO required	EKCC-W			•	•	•	•	•	•		
	Adapters	Lan Adapter Basic + PV Solar connection	BRP069A61					•	•				
		Lan Adapter Basic	BRP069A62					•	•				
		WLAN Adaptor - Module	BRP069A71	•	•	•	•			•	•	•	
		WLAN Adaptor - Cartridge	BRP069A78	included	included	•	•				included	Included (4-8 class)	included
		Demand PCB	EKRP1AHT	•	•	•	•	•	•	•	•	•	
	Digital I/O PCB	EKRP1HBA	•	•	•	•	•	•	•	•	•		
Drip Trays, Brackets, Fixings	Drain Pan (ERGA - Single Fan Units)	EKDP008D	•	•									
	Outdoor Unit Guard (920 x 1120 x 740mm)	K.CG750S	•	•									
	Back Panel for K.CG750S	K.CG750FPS	•	•									
	Outdoor Unit Guard (1120 x 1120 x 640mm)	K.CGM	•	•									
	Part guard to cover exposed side coil	K.CGSIDE	•	•								•	
	Wall brackets - (250kg, 660mm long)	K.CWBXL	•	•								•	
	Wall brackets - stainless steel (250kg, 660mm long)	K.CWBXLSS	•	•								•	
	Low Sound Cover (ERGA)	EKLN08A1	•	•								•	
	Flexi Feet	K.FF600S	•	•	•	•	• (3 required)	• (3 required)	•	•	K.FF600S(X1),2 Feet K.FF600S(X2),3 Feet	•	

Useful applications and pages

Daikin Service App



Daikin Technical Hub



Daikin Onecta App



Daikin E Care App



Danfoss Ref Tools



Coming Soon

Daikin Commissioning Tool



Daikin Energy Labels (Eco Design Data)



Daikin Extranet



Daikin Madoka Assistant



Daikin Multi Selection Tool



Daikin Databooks & Efficiencies



Always in control

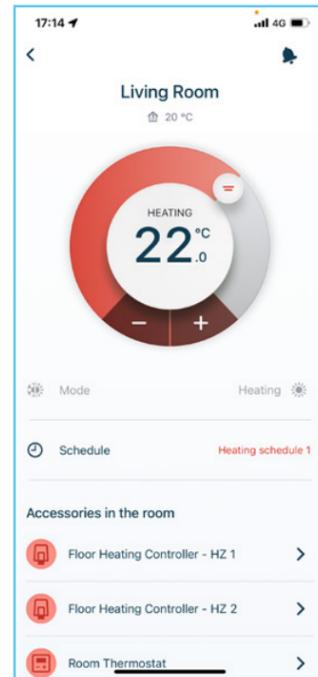
onecta

Jump into a fully connected system!

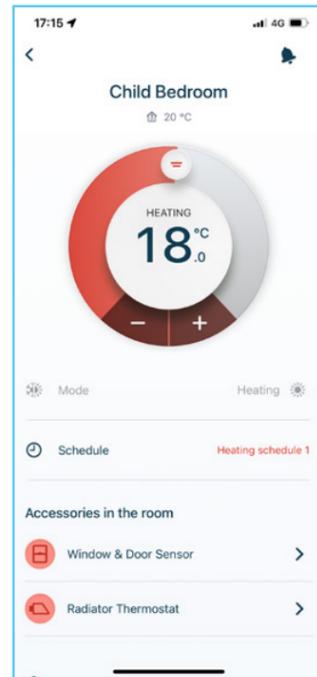
With Onecta app, you have an overview of all rooms temperatures. You can manage them individually, at home or remotely.



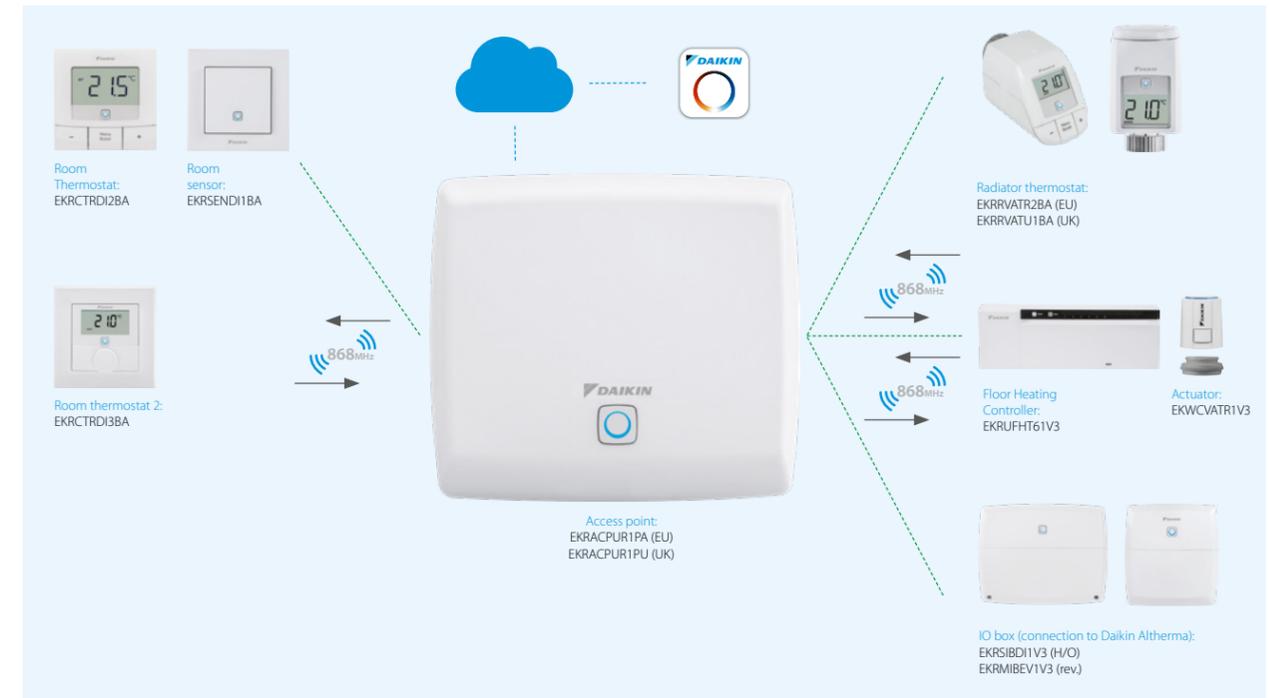
Room overview



Individual room overview

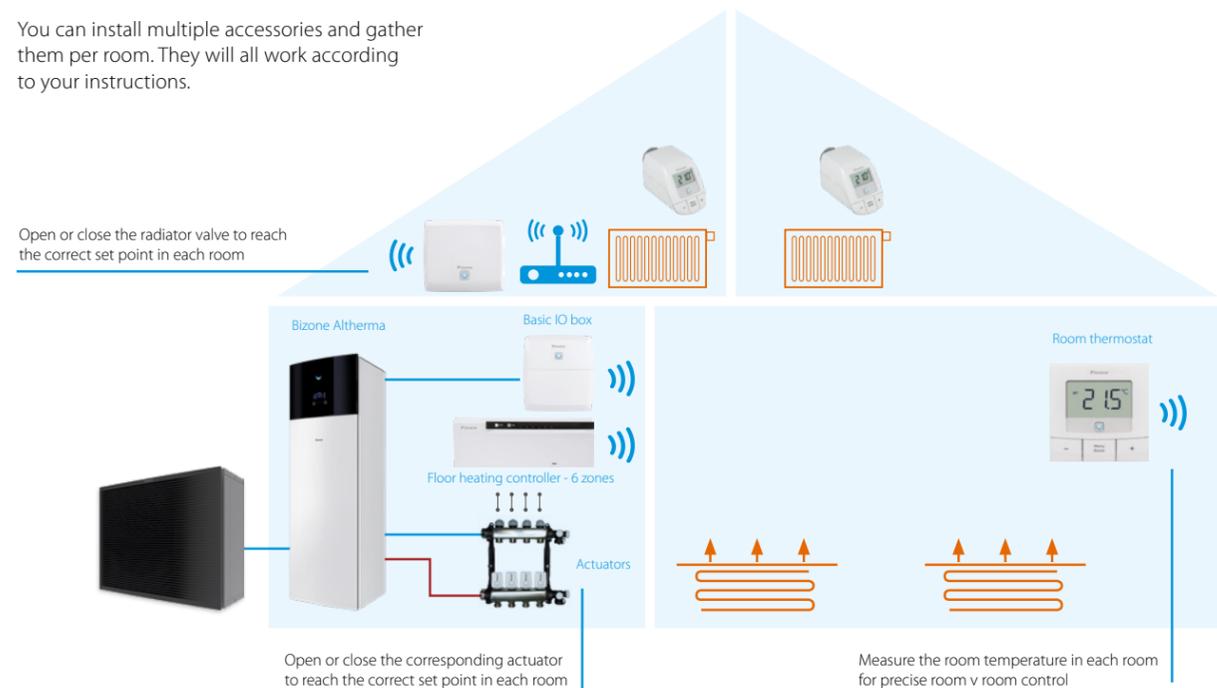


Portfolio overview



Room control made easy

You can install multiple accessories and gather them per room. They will all work according to your instructions.

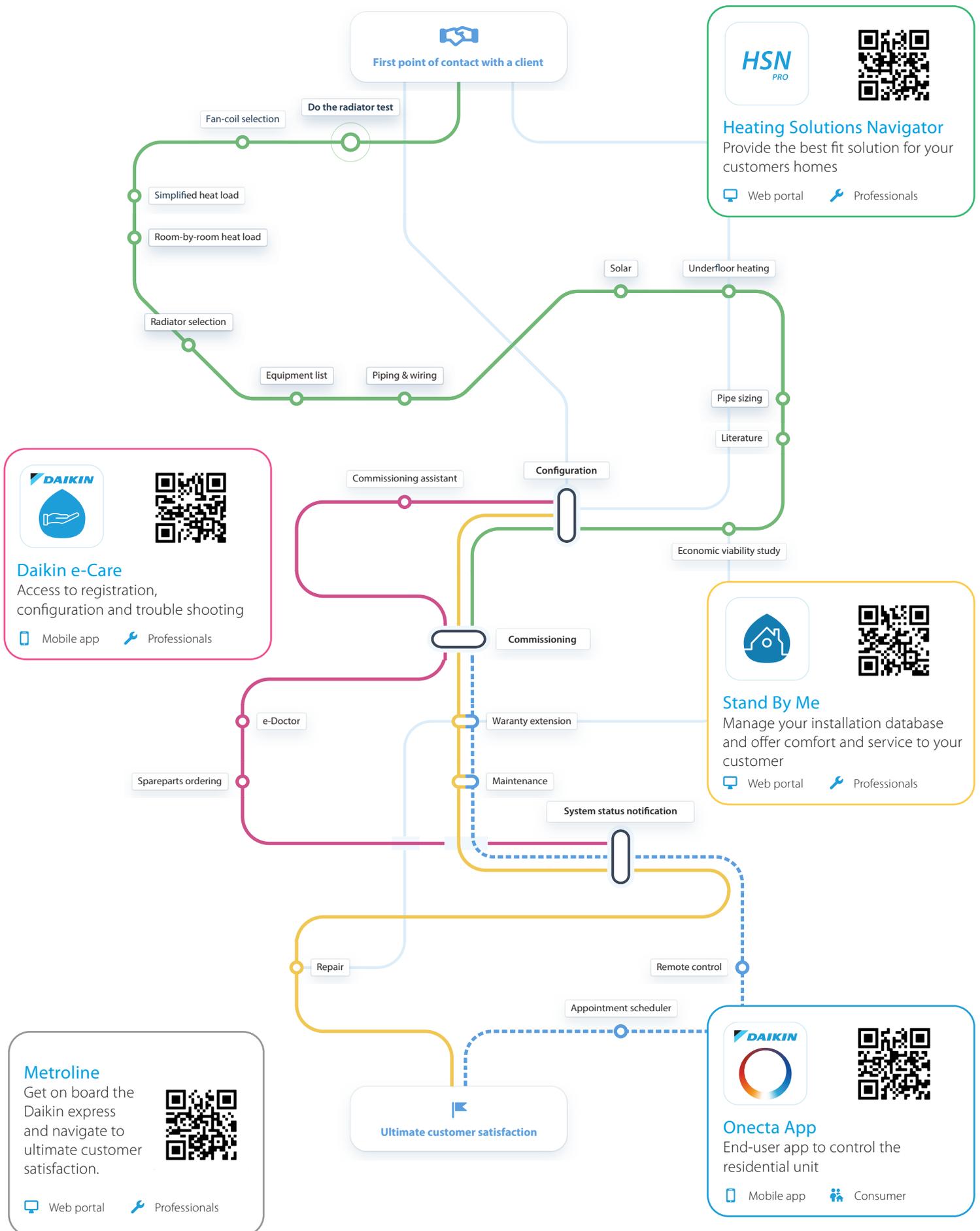


Combination table

	Outdoor unit	Indoor unit	
Air-to-water heat pump	Daikin Altherma 3 H MT Class 08-10-12	Floor standing	ETVH/X/Z-E
		ECH ₂ O	ETSH(B)/X(B)-P-E
		Wall mounted	ETBH/X-E
	Daikin Altherma 3 H HT Class 14-16-18	Floor standing	ETVH/X/Z-E
		ECH ₂ O	ETSH(B)/X(B)-P-E
		Wall mounted	ETBH/X-E
Daikin Altherma 3 R 4-6-8 kW	ERGA-EV(H)(7)	Floor standing	EHVH/X/Z-E
		ECH ₂ O	ETSH(B)/X(B)-P-E
		Wall mounted	EBBH/X-E
Daikin Altherma 3 R 11-14-16 kW	ERLA-D	Floor standing	EBVH/X/Z-D
		ECH ₂ O	EBSH/X-D
		Wall mounted	EBBH/X-D
Daikin Altherma 3 M 4-6-8 kW	EBLA-E EDLA-E		
Daikin Altherma 3 M 9-11-14-16 kW	EBLA-D EDLA-D		
Ground source heat pump	Daikin Altherma 3 GEO Daikin Altherma 3 WS	Floor standing	EGSAH/X-D
		Floor standing	EWSAH/X-D9W
Hybrid heat pump	Daikin Altherma R Hybrid Daikin Altherma H Hybrid	Wall mounted	EHYHBH-AV32 + EHYKOMB-A
		Wall mounted	EHY2KOMB28/32A A

Stand By Me, a journey to customer satisfaction

It's time to relax. With your customer's new Daikin installation and Stand By Me service program, you can rest assured they are benefiting from the best comfort, energy efficiency, usability and service available on the market. Stand By Me eliminates your clients' worries and provides them with a free, extended warranty, quick follow-up from Daikin service providers, and additional warranties for specific parts.





Daikin Ireland

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www.daikin.ie

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heating@daikin.ie