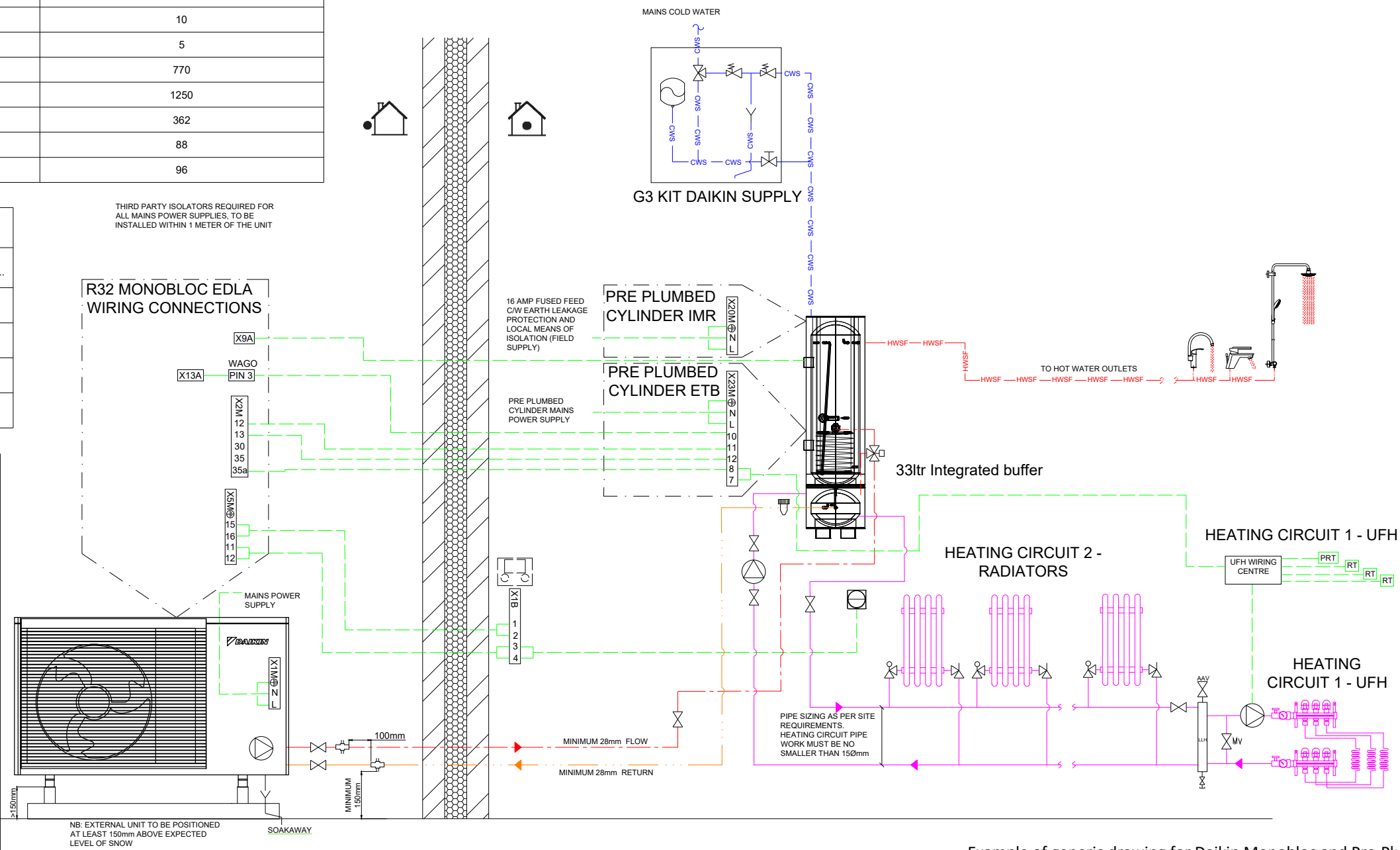


TABLE - DATA - MONOBLOC HEATING ONLY 1 PHASE			
EQUIPMENT	EDLA04EV3	EDLA06EV3	EDLA08EV3
PRIMARY PIPEWORK (mm)	28		
FLOW RATE (l/min) CENTRAL HEATING	13.2	17.2	22.4
MINIMUM WATER VOLUME EXCLUDING HEATING CIRCUIT (Litres)	SEE TABLE 3		
MAX CURRENT (A)	19.9		24
FUSE (A)	20		25
MAINS FOR DHW BSH (K3M)	230v		
MAX CURRENT (A) DHW BSH	13.04		
FUSE (A)	16		
MINIMUM CABLE (mm²) FOR MMI	1.5		
MAXIMUM DISTANCE TO TANK (m)	10		
MAXIMUM LEVEL DIFFERENCE (m)	5		
HEIGHT (mm)	770		
WIDTH (mm)	1250		
DEPTH (mm)	362		
WEIGHT EMPTY (kg)	88		
WEIGHT FULL (kg)	96		

TABLE 2 - MINIMUM FLOW RATE	
IF OPERATION IS...	THEN THE MINIMUM REQUIRED FLOW RATE IS...
HEATING	6 l/m
BUH OPERATION	12 l/m
HEATING DEFROST	12 l/m
DHW	25 l/m

TABLE 3 - MINIMUM WATER VOLUME		
IF	THEN THE MINIMUM WATER VOLUME IS...	
HEATING/DEFROST OPERATION AND...		
PREHEATING ON THE TANK IS POSSIBLE	01	
PREHEATING ON THE TANK IS NOT POSSIBLE, BUT A BACK UP HEATER (INTERNAL OR EXTERNAL) IS PRESENT	101	
PREHEATING THE TANK IS NOT POSSIBLE, THERE IS NO BACK UP HEATER, AND...		
THE RETURN FLOW TEMPERATURE IS >15°C	201	
THE RETURN FLOW TEMPERATURE IS ,15°C	501	

TABLE 4 - INSULATION THICKNESS	
PIPING LENGTH (m)	MINIMUM INSULATION THICKNESS (mm)
<20	19
20-30	32
30-40	40
40-50	50



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LEGEND	
	ISOLATION VALVE
	STOP COCK VALVE
	PUMP
	MANUAL AIR VALVE
	ANTI FREEZE VALVE
	NON RETURN VALVE
	3 PORT VALVE
	THERMOSTATIC RADIATOR VALVE (TRV)
	AUTOMATIC BYPASS
	MIXING VALVE
	TEMPERATURE & PRESSURE RELIEF VALVE
	LOCK SHIELD VALVE
	TUNDISH
	MAGNA CLEAN TF1
	PROGRAMMABLE ROOM THERMOSTAT
	LOW LOSS HEADER
	PROGRAMMABLE ROOM THERMOSTAT
	MMI (MAN MACHINE INTERFACE)
	DAIKIN MADOKA CONTROLLER
	EXTERNAL
	INTERNAL
	EXPANSION VESSEL
	WIRING
	REFRIGERANT FLOW PIPEWORK
	REFRIGERANT RETURN PIPEWORK
	LTHW PIPEWORK
	HWS FLOW PIPEWORK
	HWS RETURN PIPEWORK
	COLD WATER PIPEWORK

Example of generic drawing for Daikin Monobloc and Pre-Plumbed cylinder with built in 33ltr buffer tank

NOTES

- After removing the air, automatic air vent(s) must be open.
- If Glycol is being added to the system then Anti-Freeze valves must NOT be installed however, additional flow switch (EKFLSW2) must be purchase and installed in the unit.
- Isolation valves and flushing bypass circuit are recommended for the outdoor unit. Flow isolation valve required on outdoor unit (supplied by others). DO NOT pressure test or flush through the Daikin UK equipment.
- All electrical works must be carried out in accordance with the current version of BS7671 and any local legislation's.
- Earth leakage detection device is required, this must be inverter tolerant and rated at 30mA.
- **For additional information please refer to the INSTALLER REFERENCE GUIDE (IRG downloadable from Daikin UK MY.DAIKIN.CO.UK)**



altherma

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Drawing:
MonoBloc EDLA
PRE-PLUMBED CYLINDER, DHW, RADIATOR & UFH
PAGE 1 OF 2

P1	PRELIMINARY ISSUE	-	IS	13.01.23
Rev	Description	Engineer	Checked	Date

Drawing Status:
PRELIMINARY

Scale: NTS@ A3	Drawing Number: ST-109	Revision: P1
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