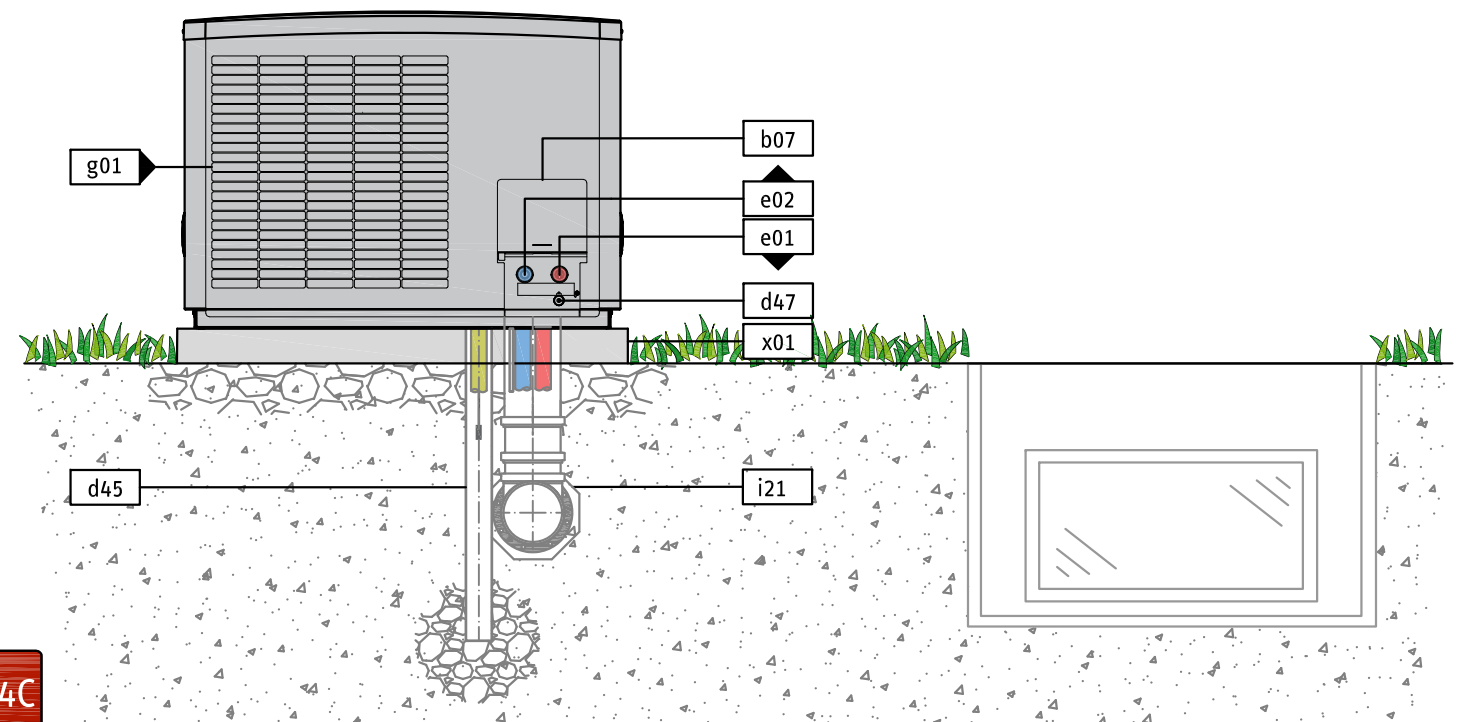
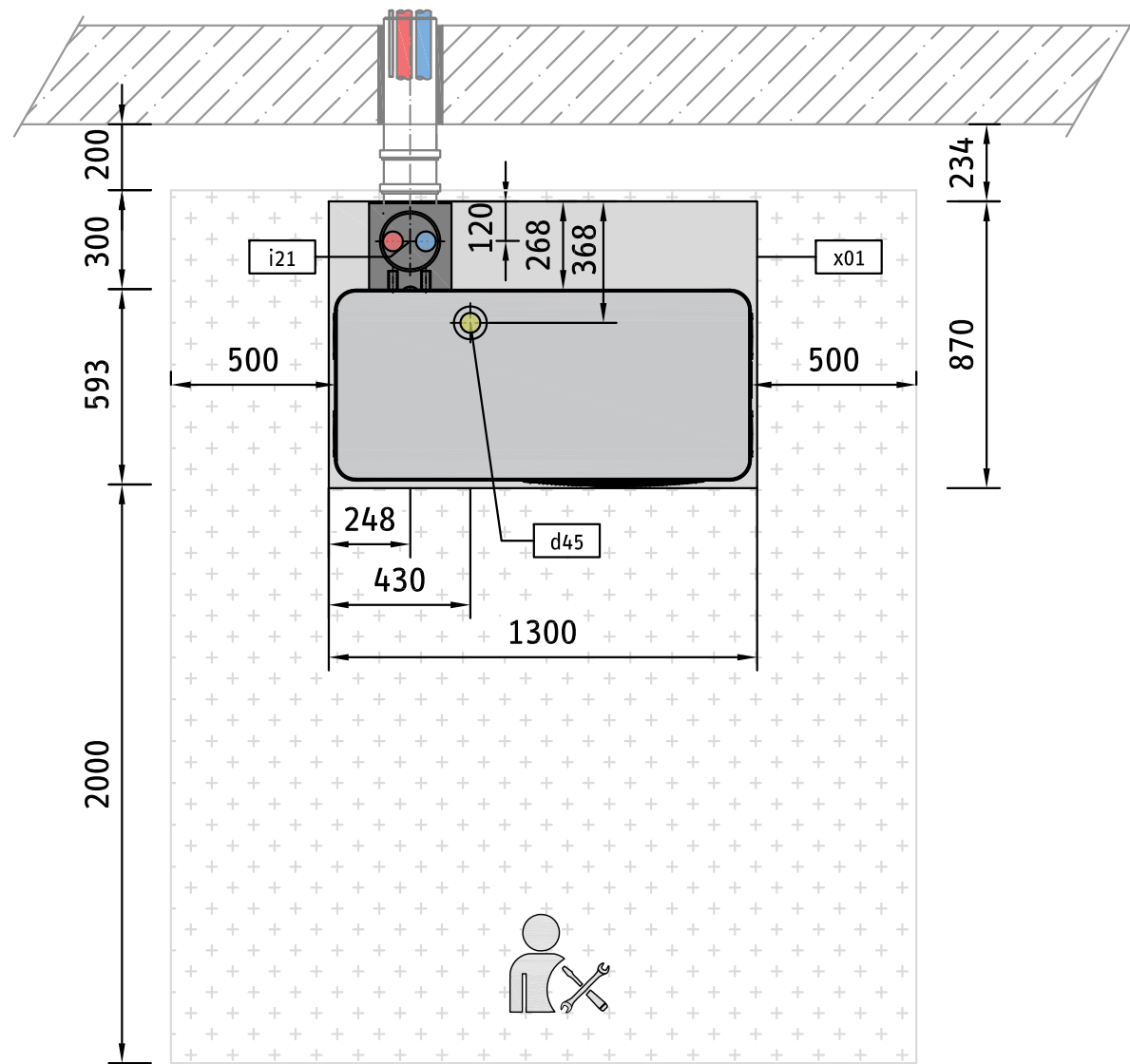
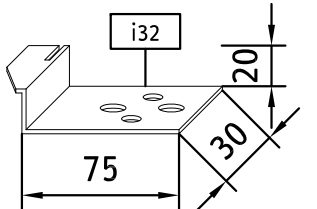
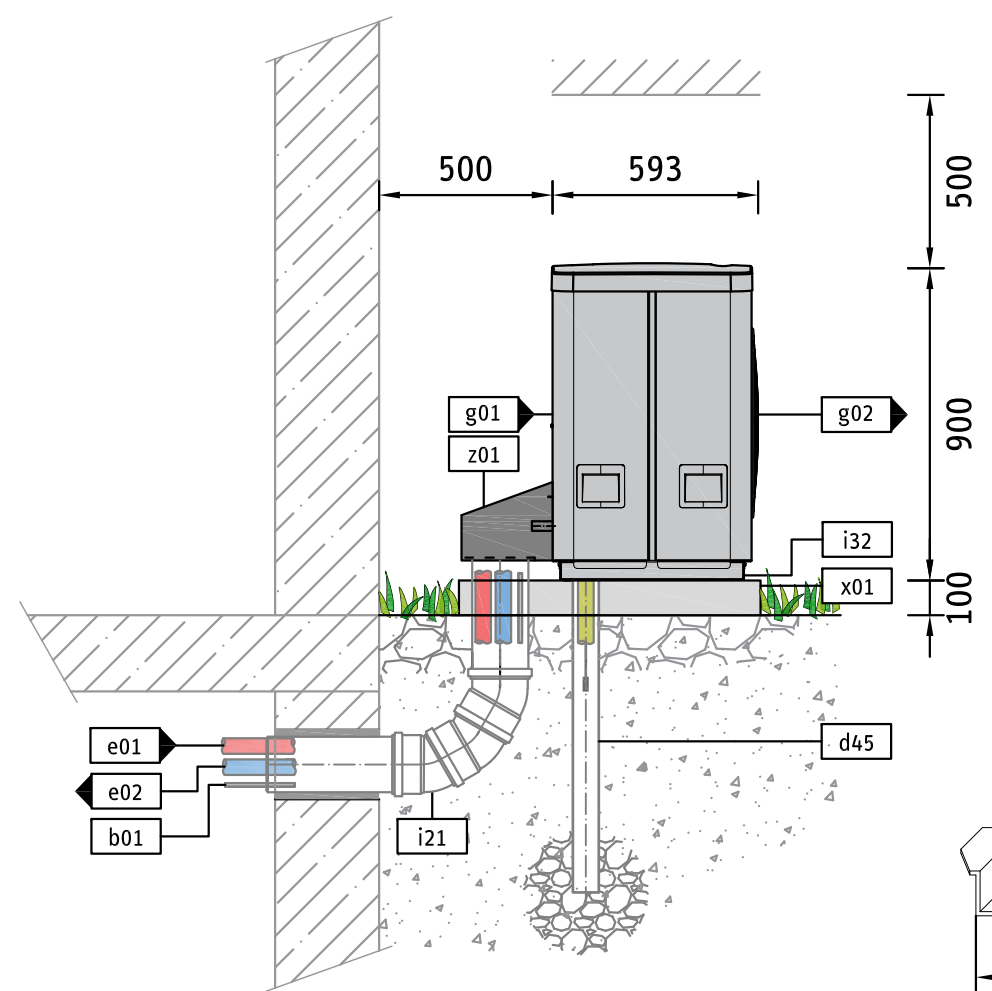
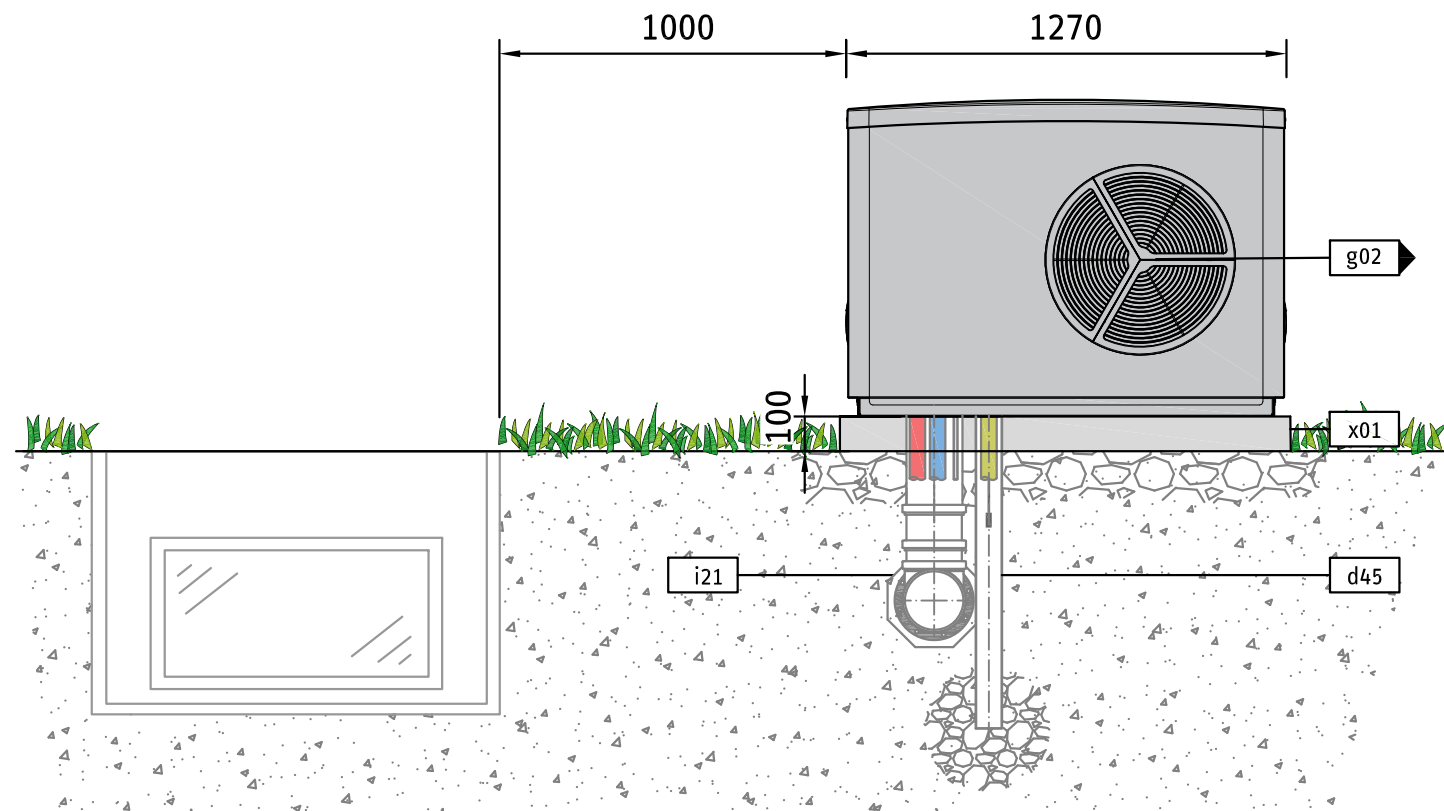
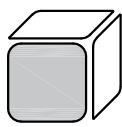
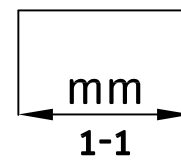
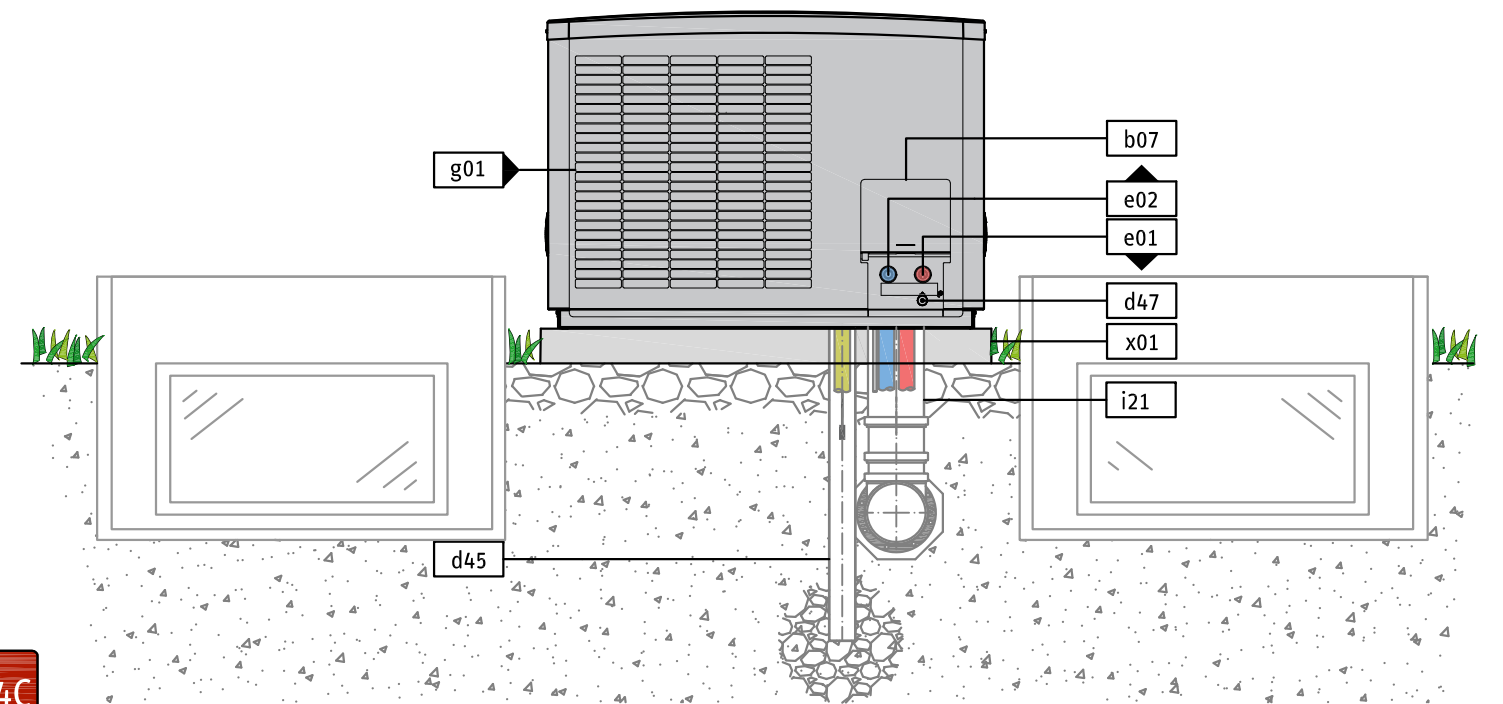
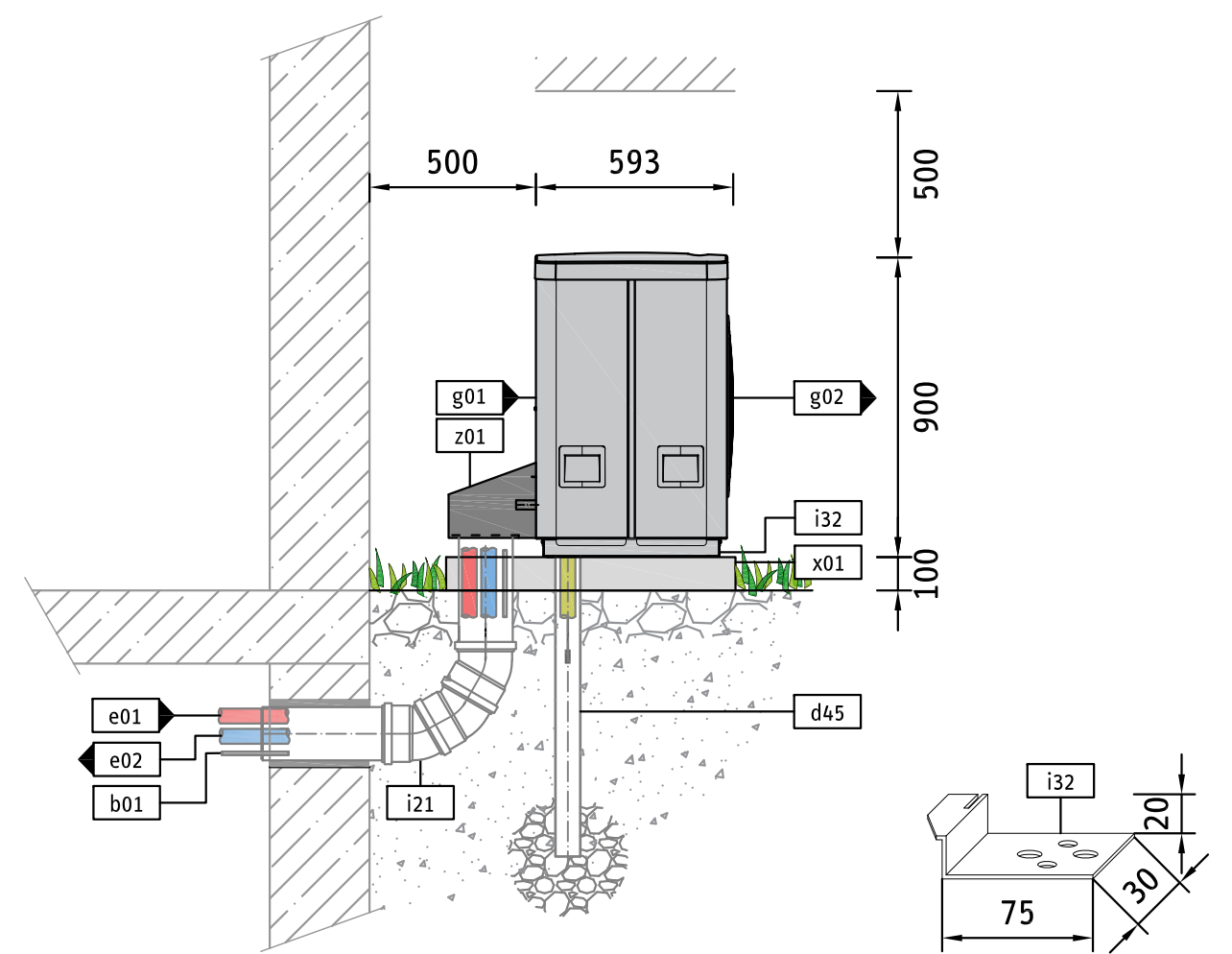
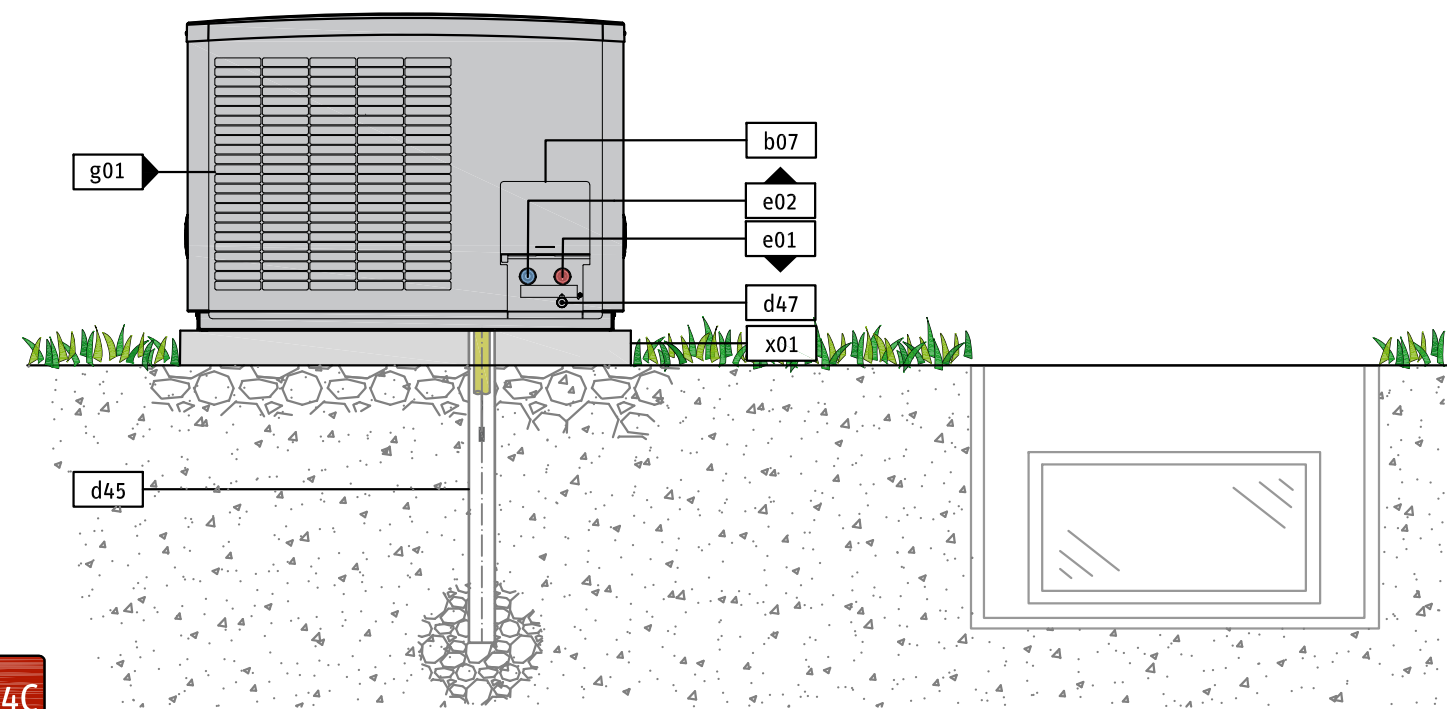
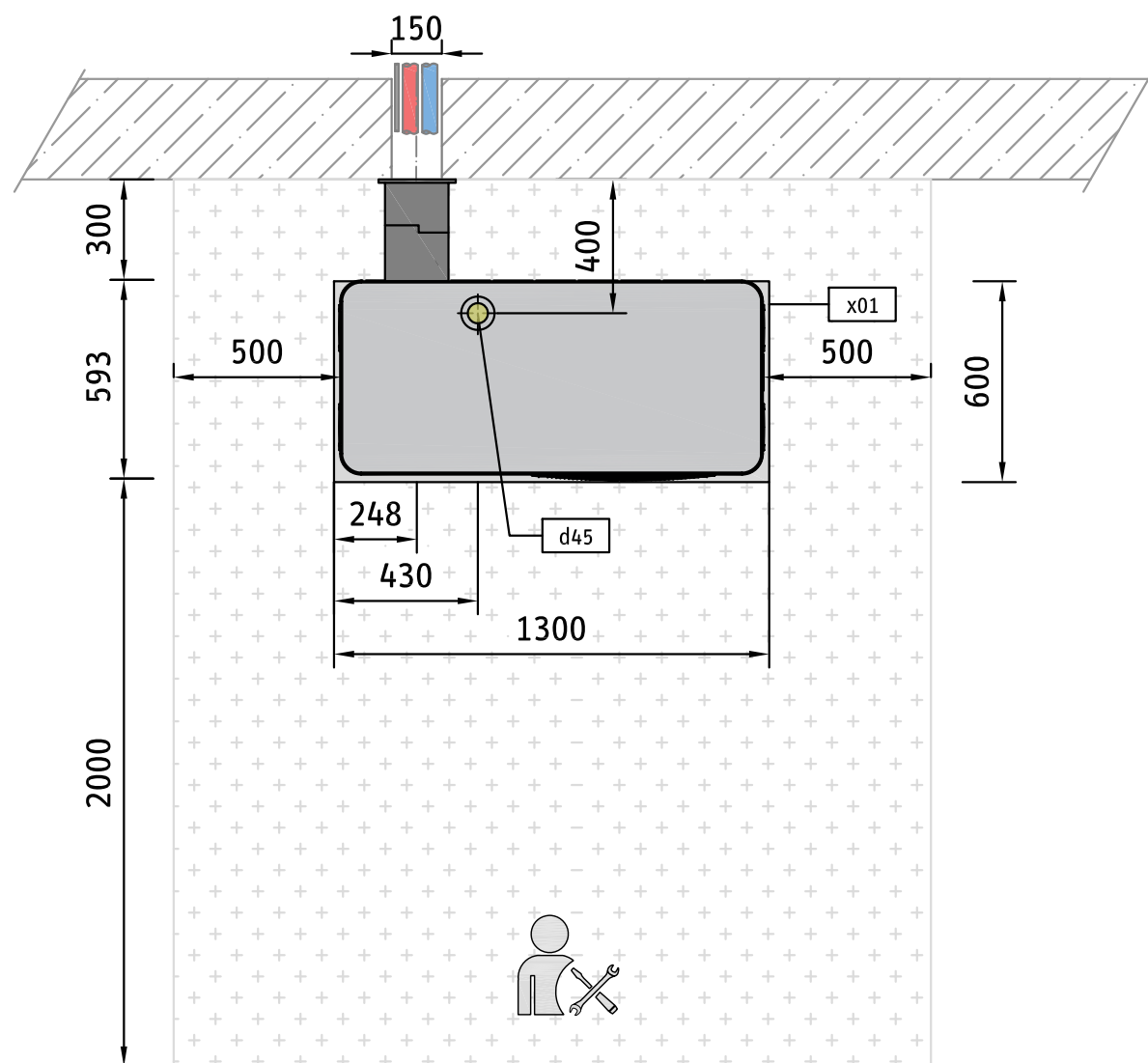
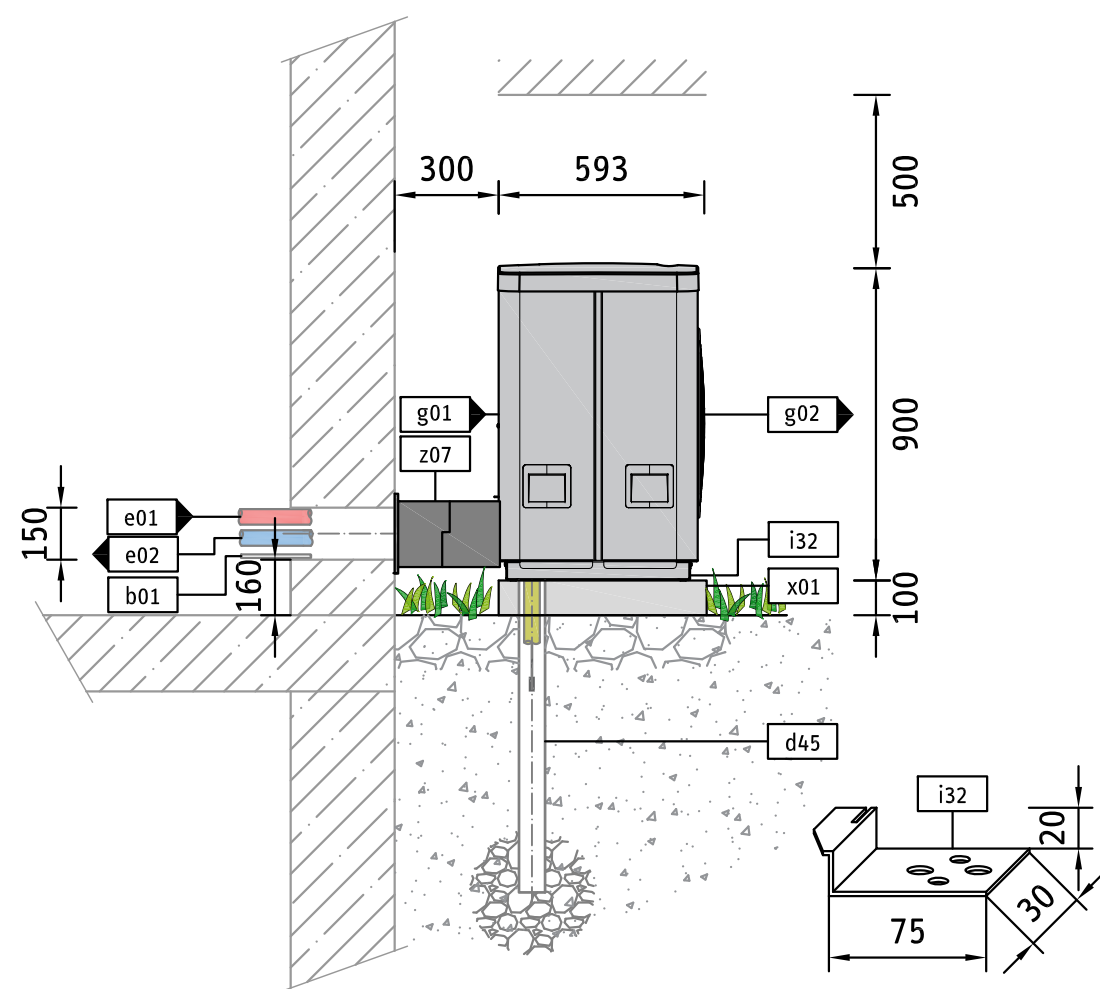
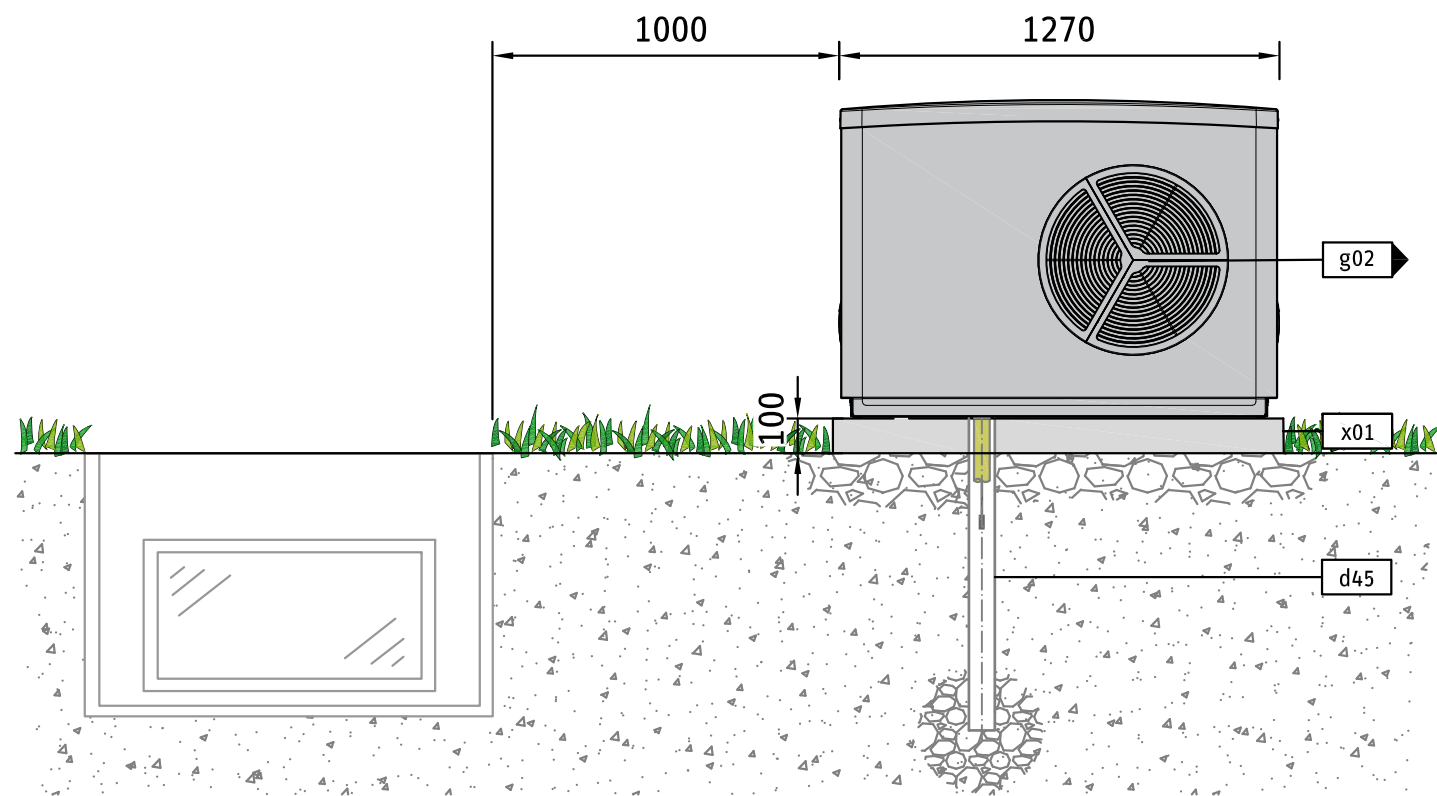
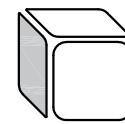
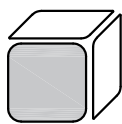
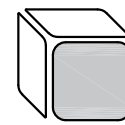
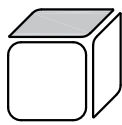
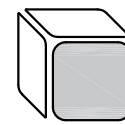
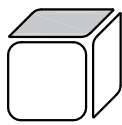
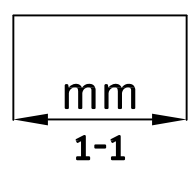
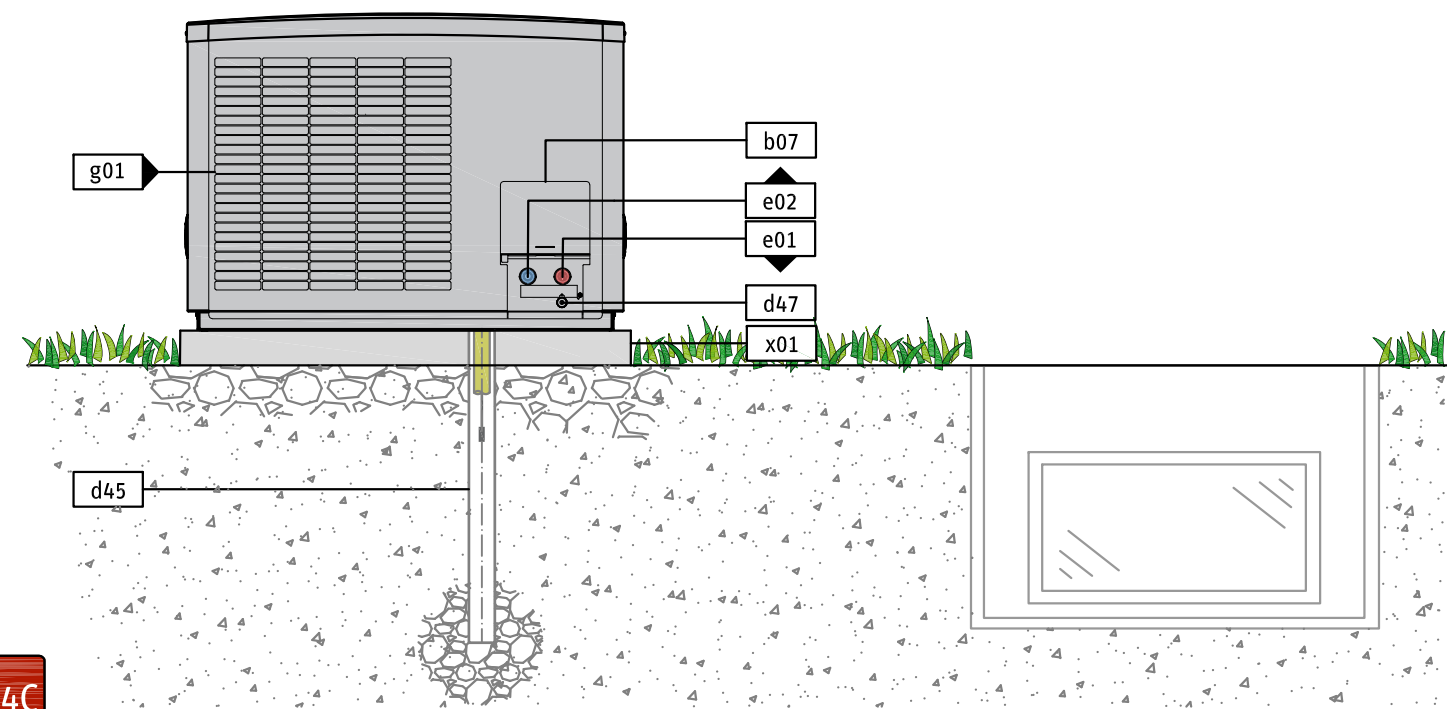
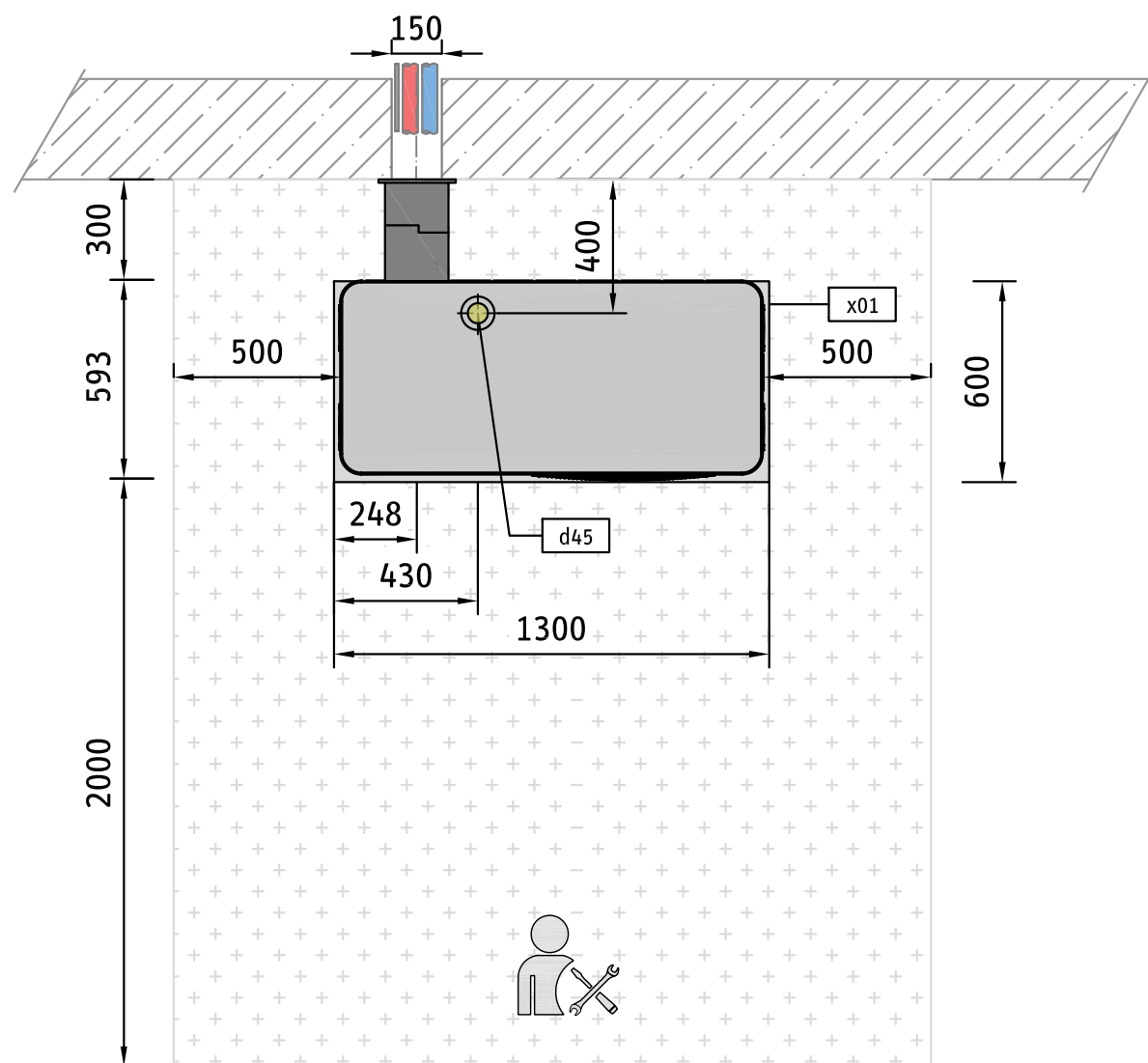
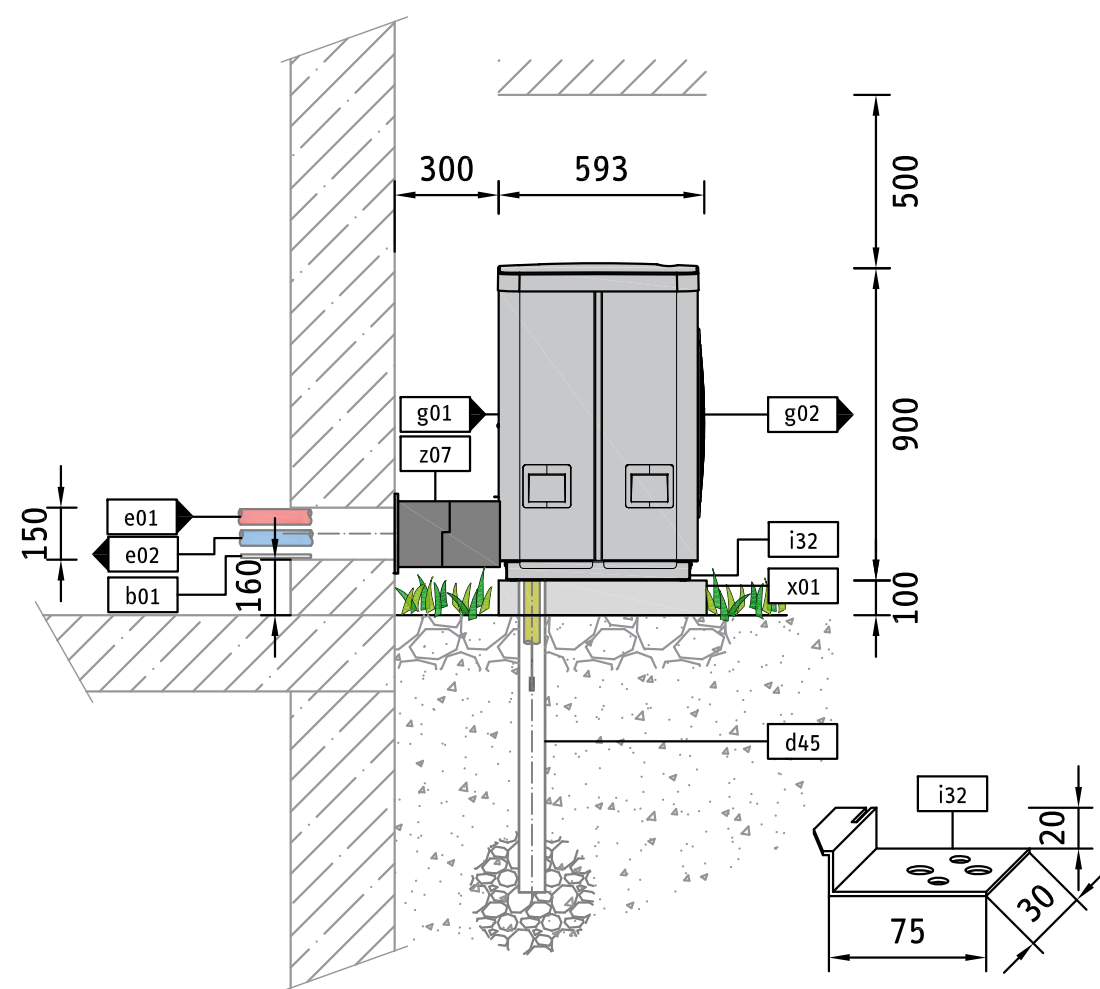
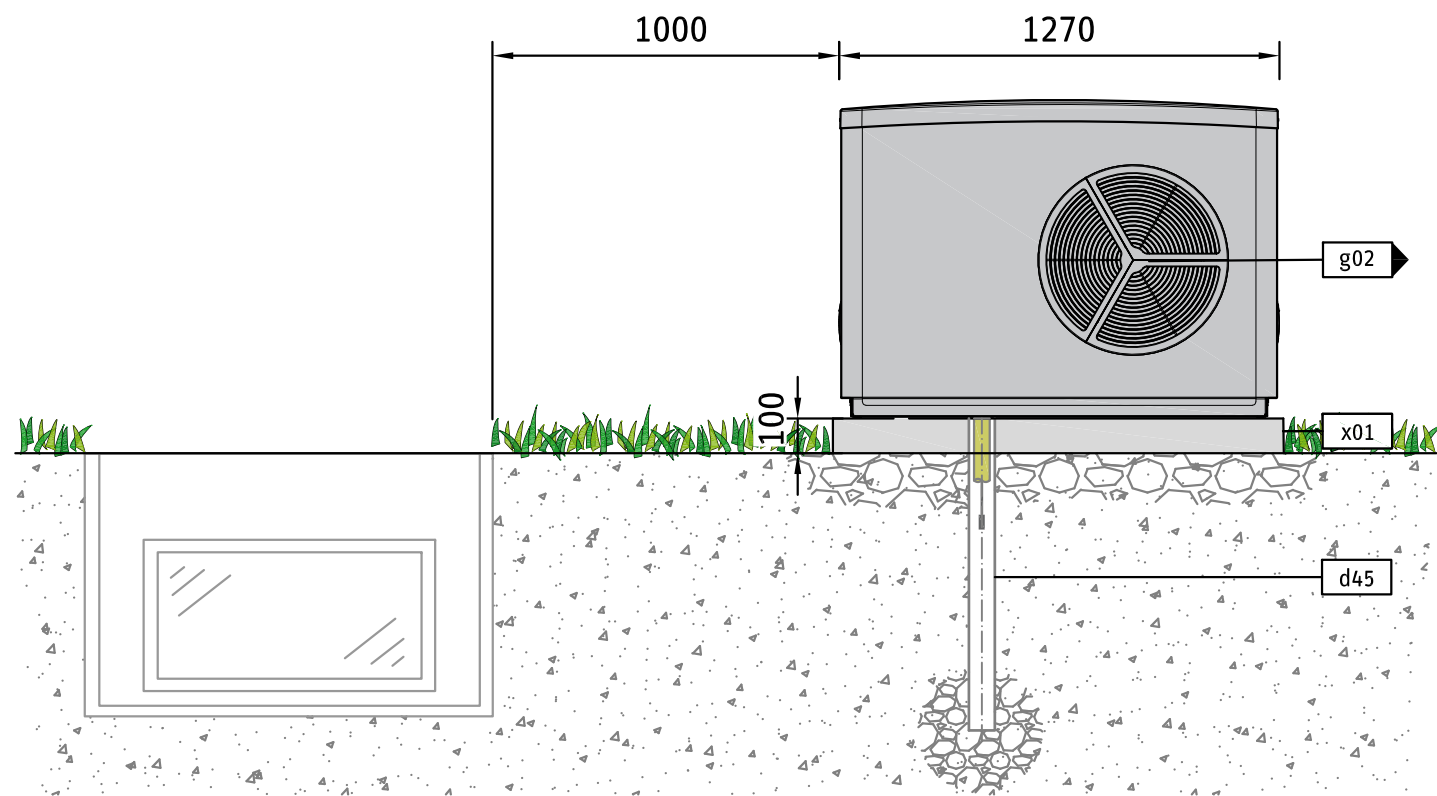
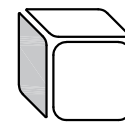
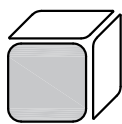


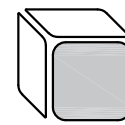
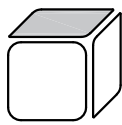
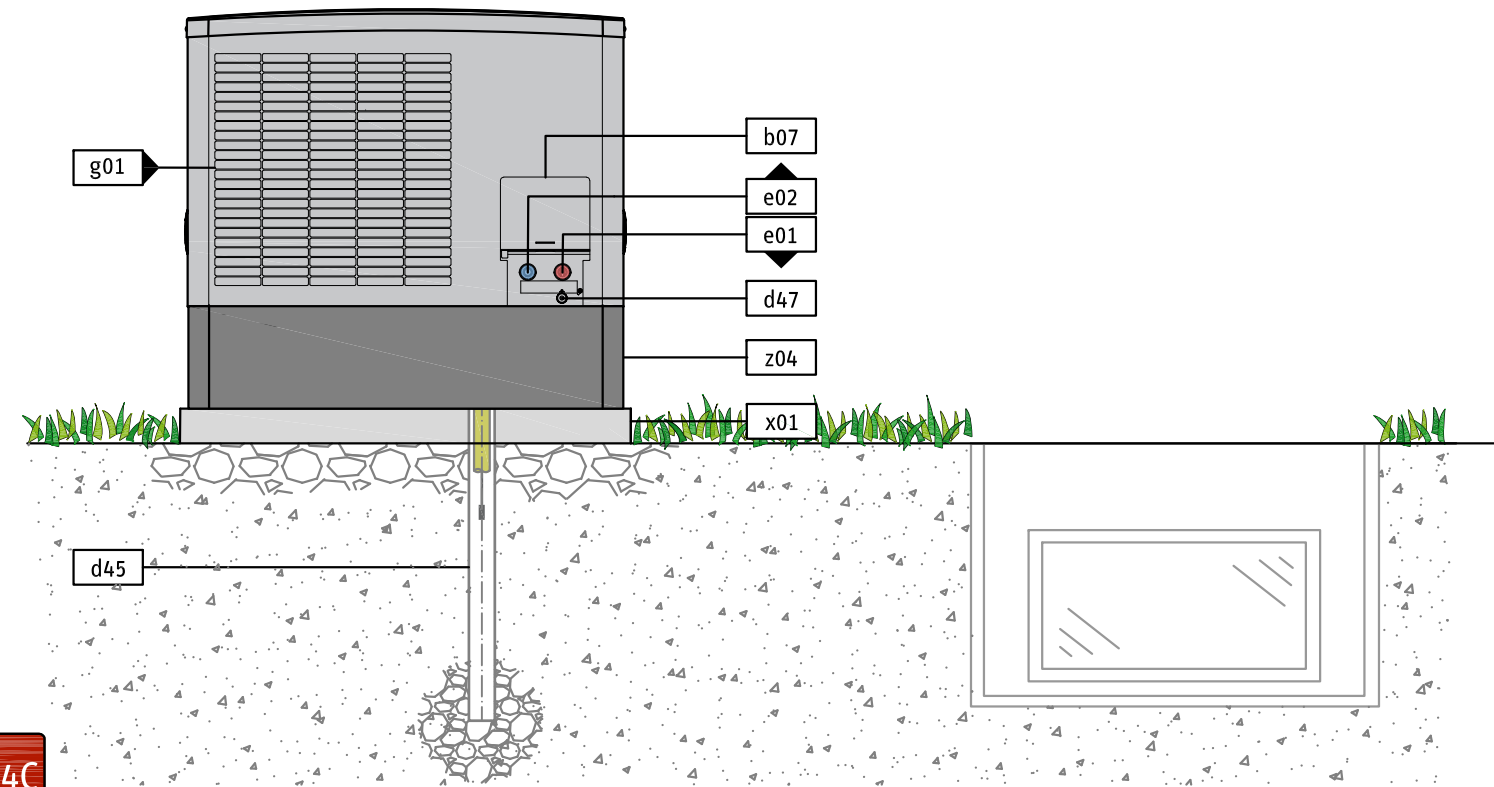
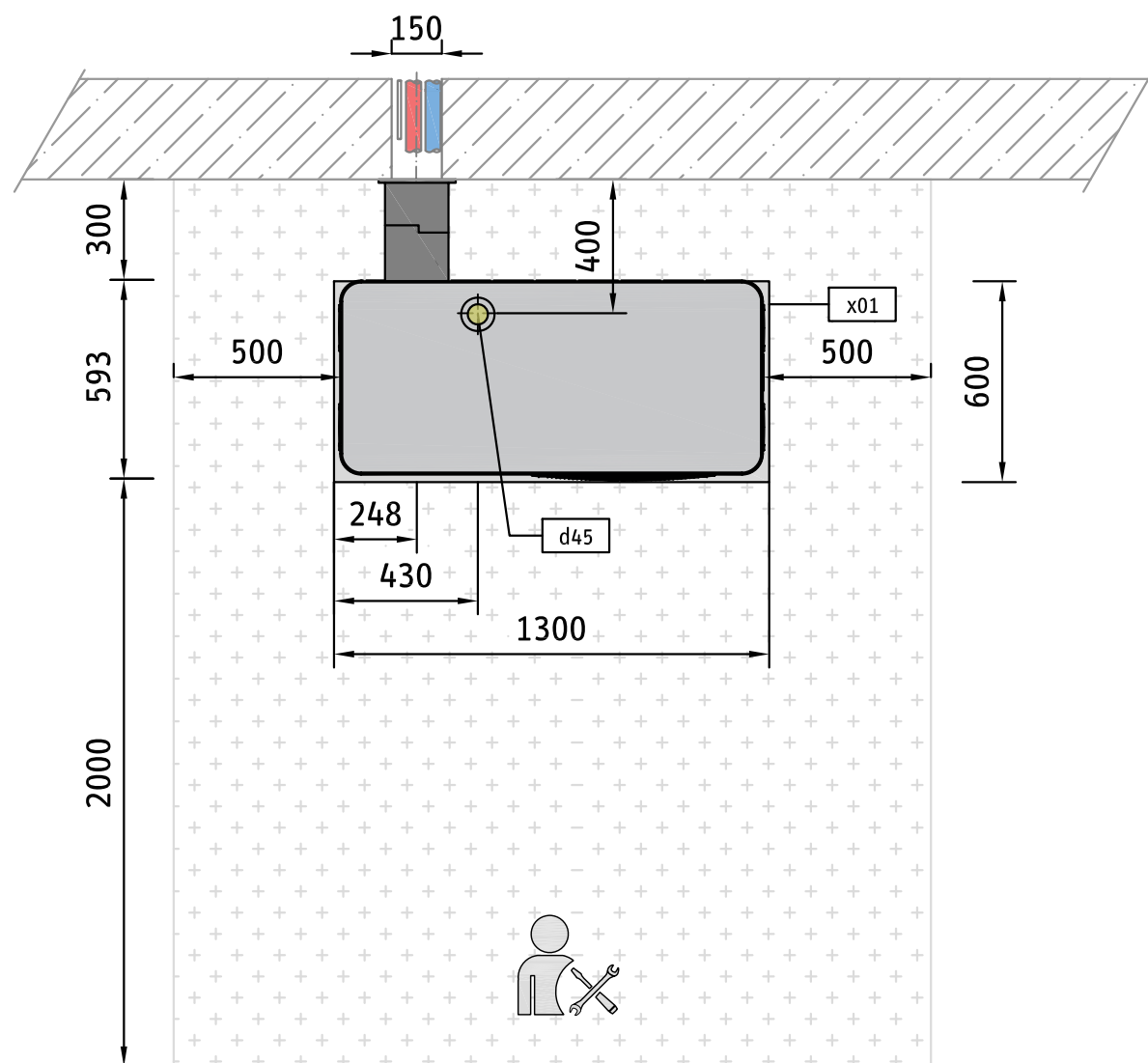
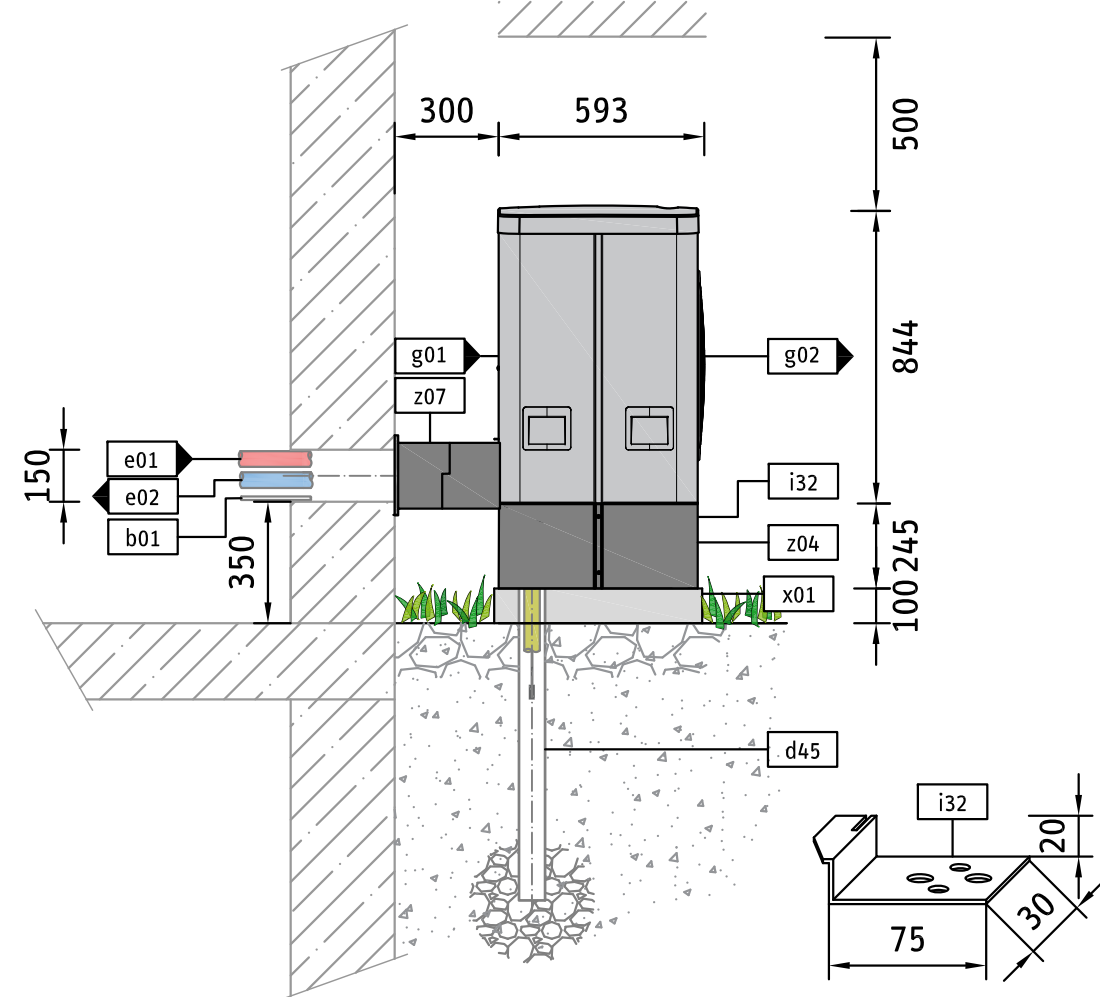
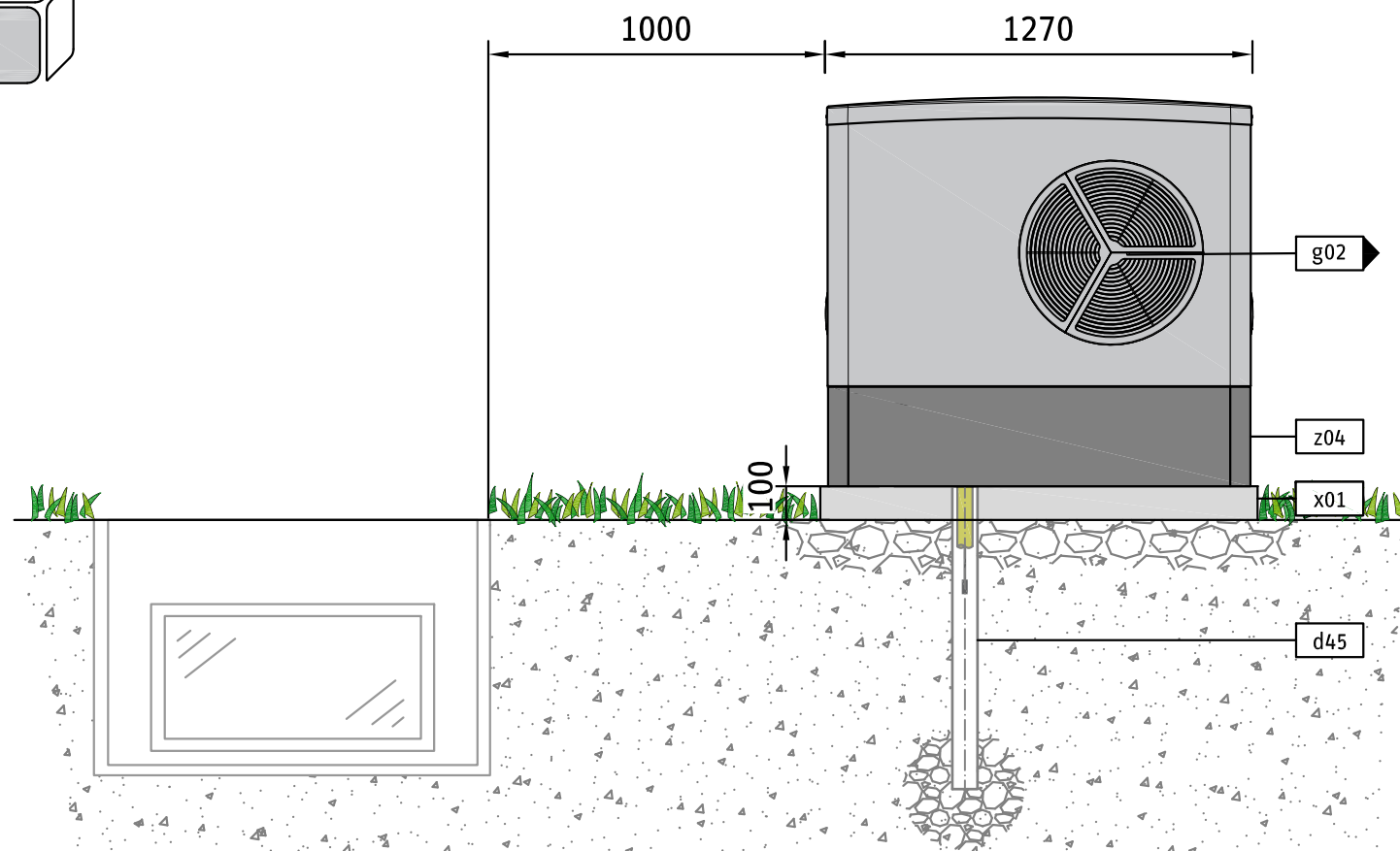
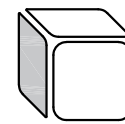
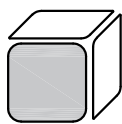




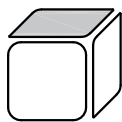
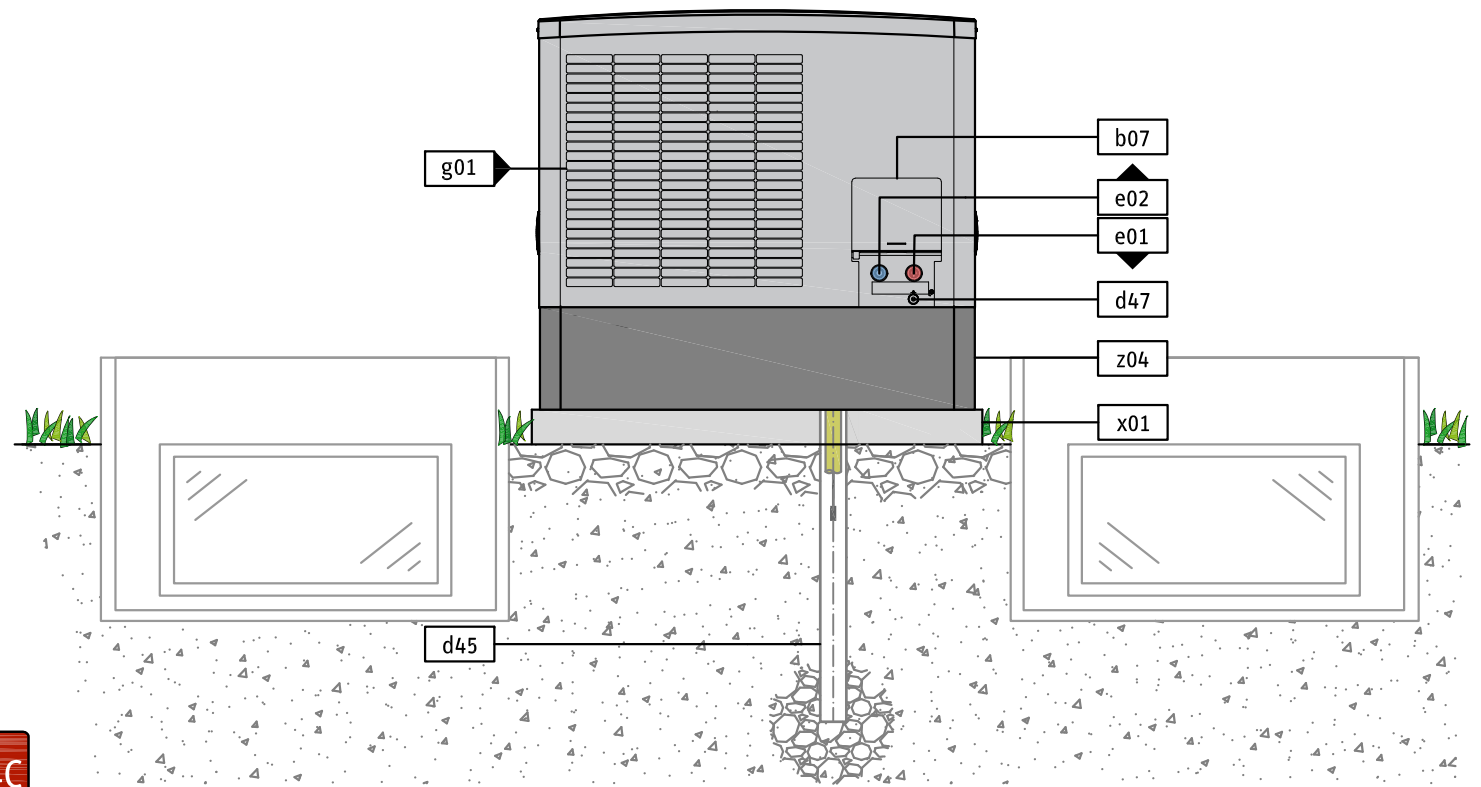
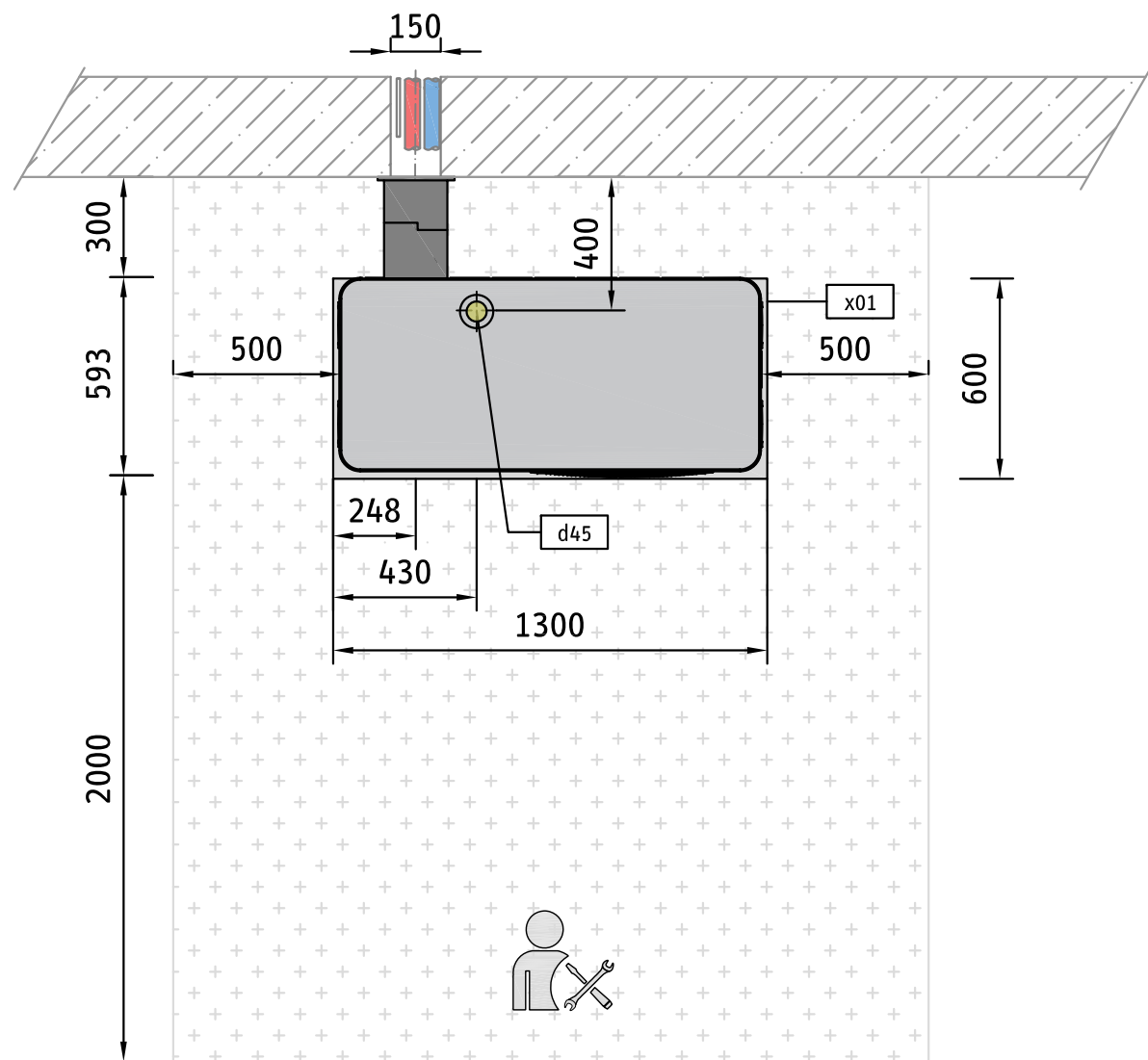
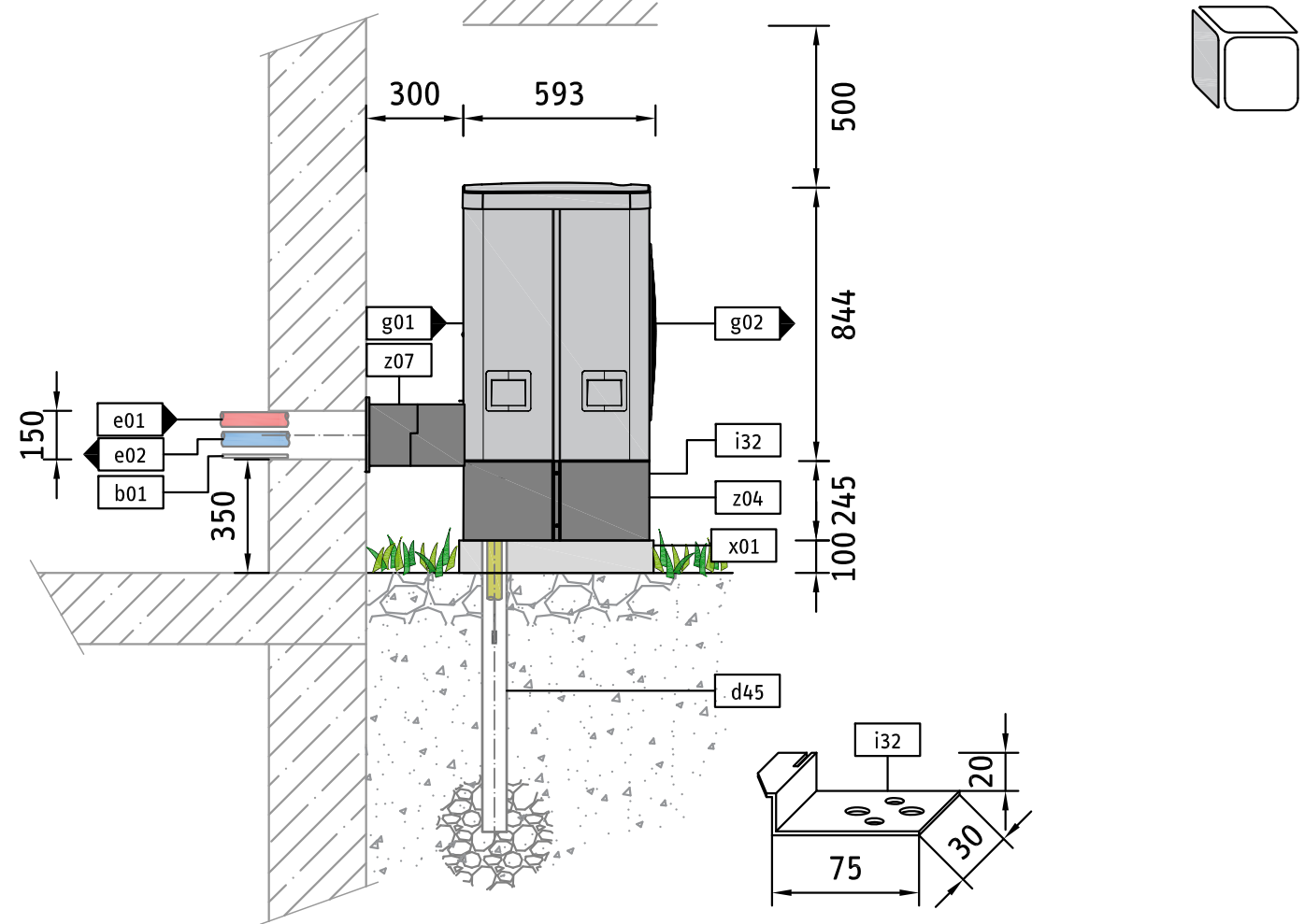
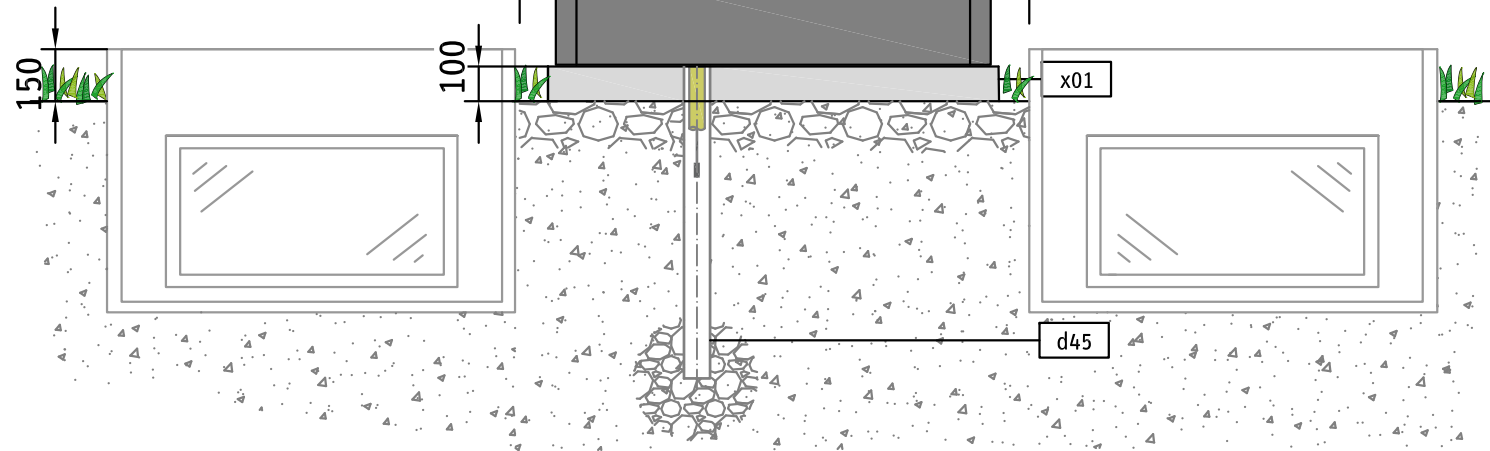
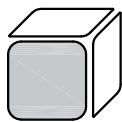
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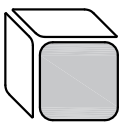
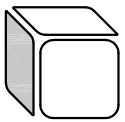


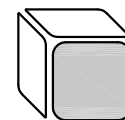
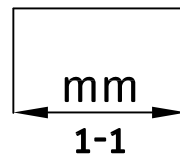
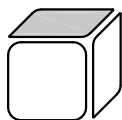
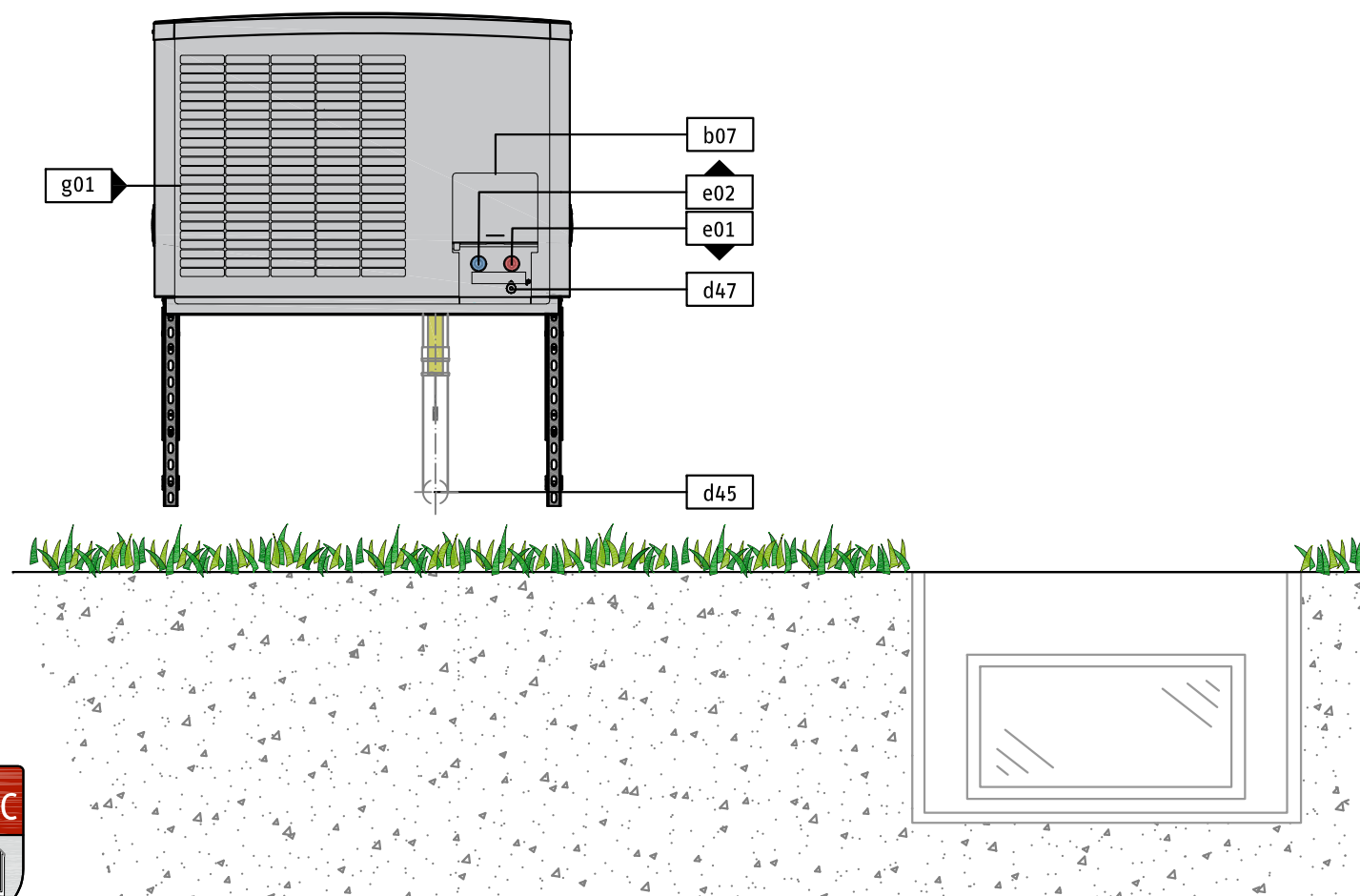
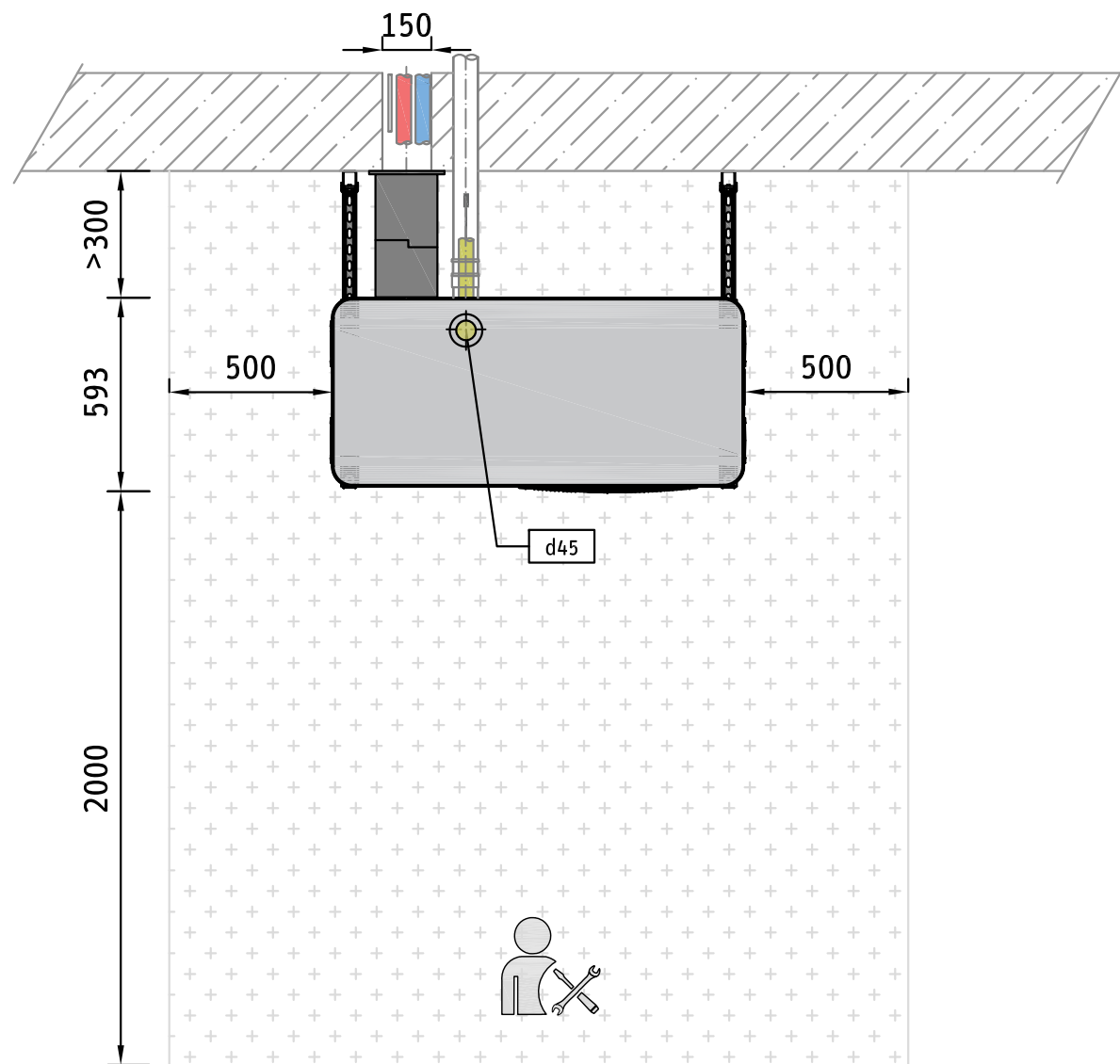
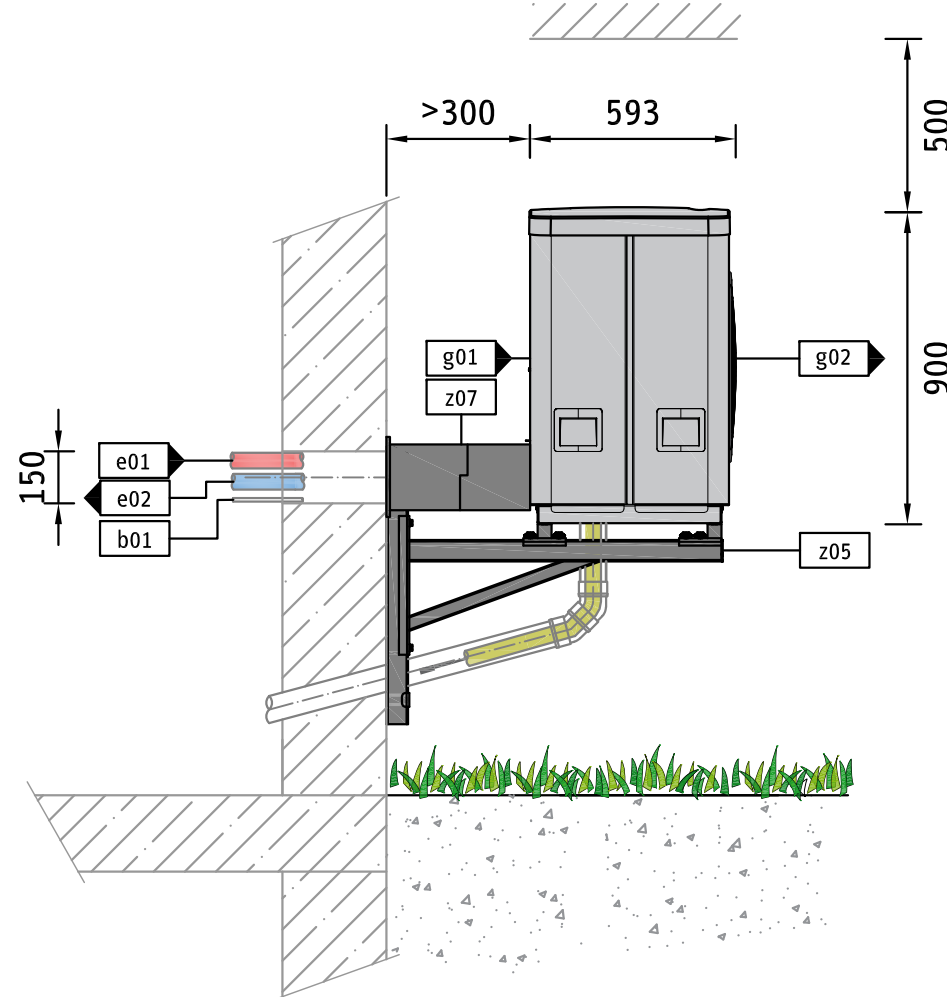
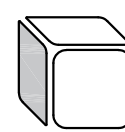
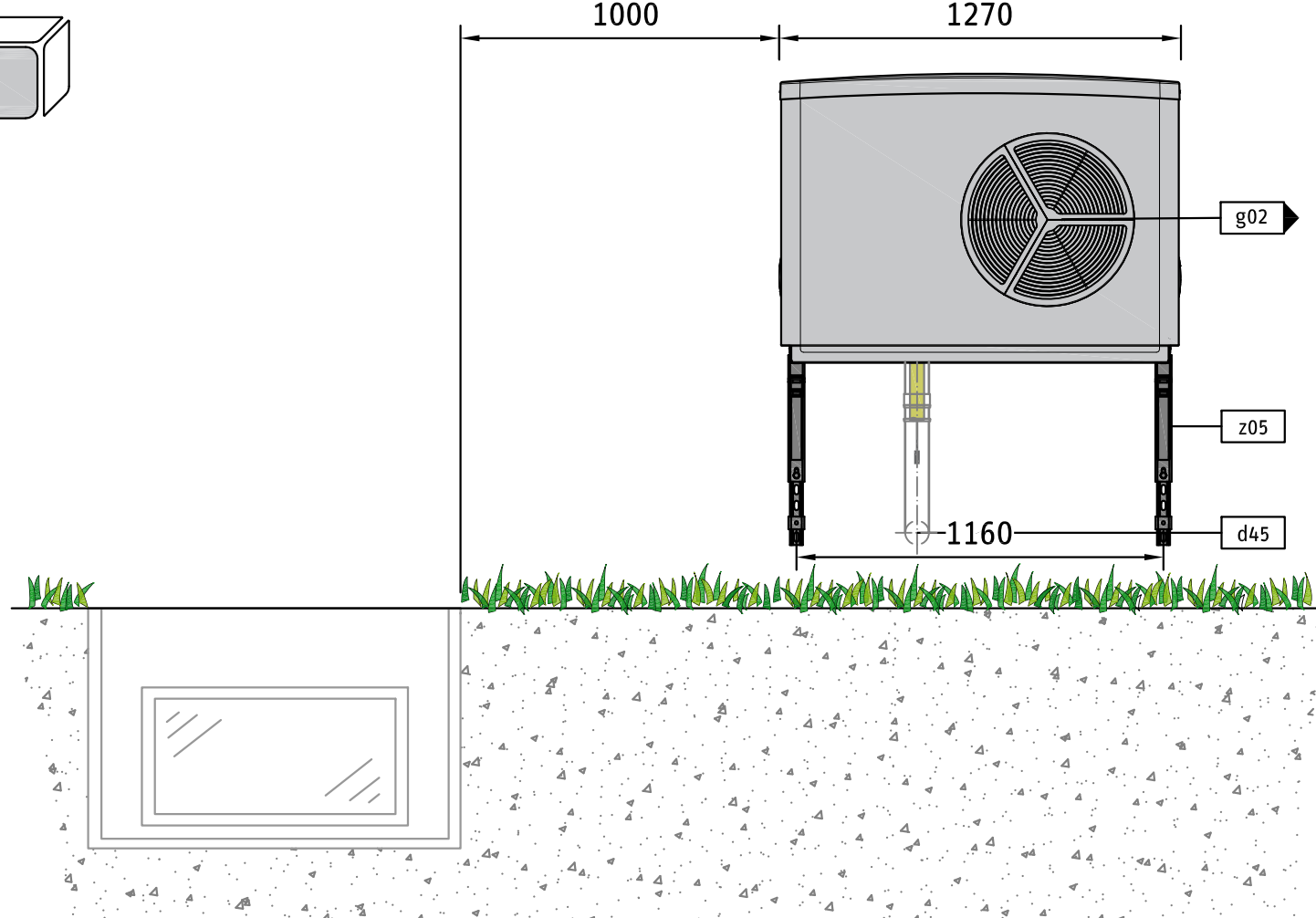
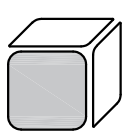


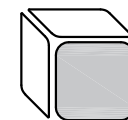
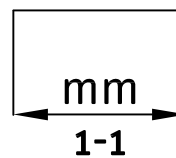
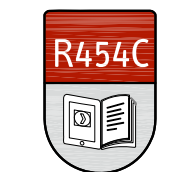
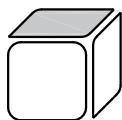
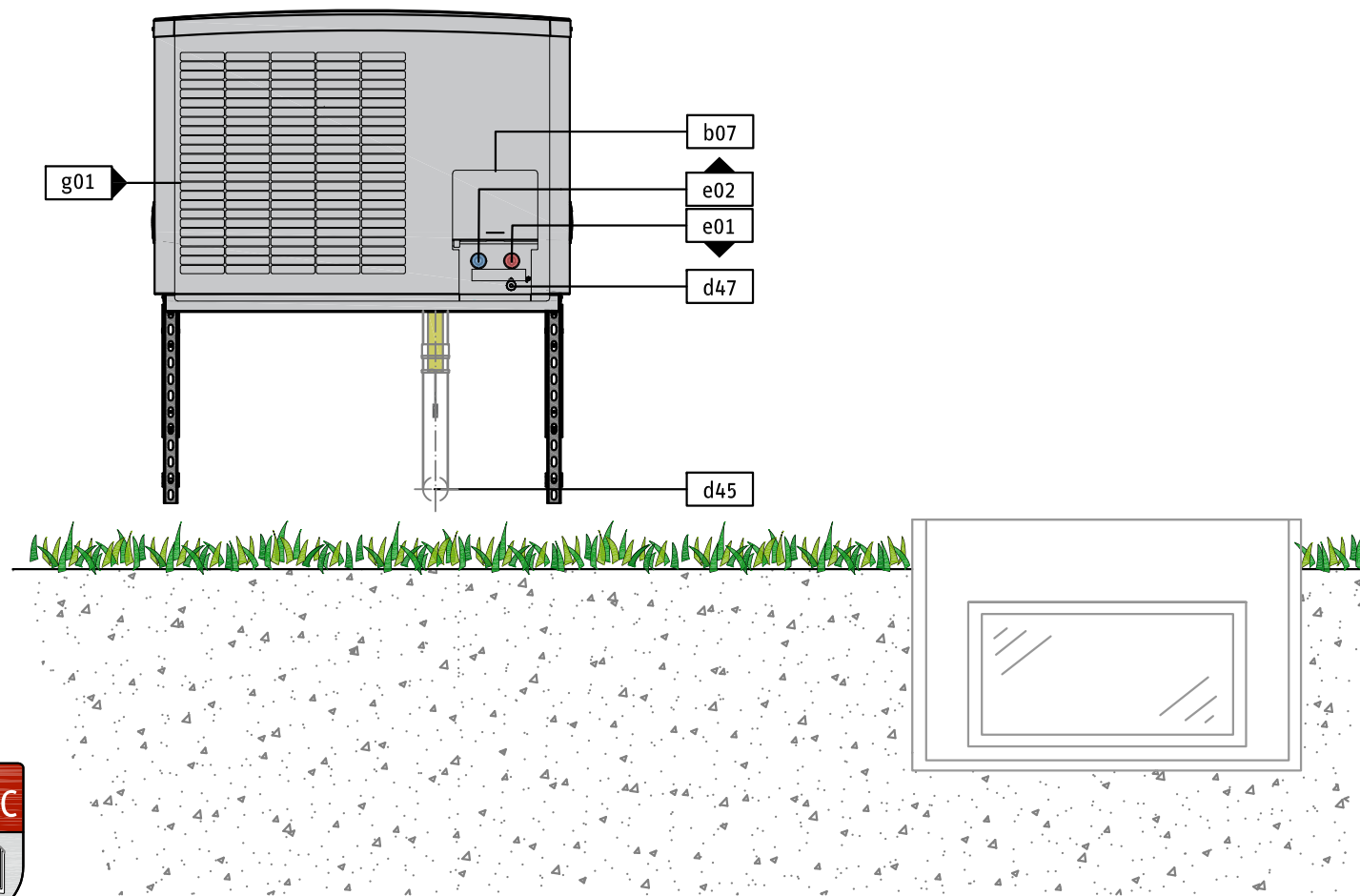
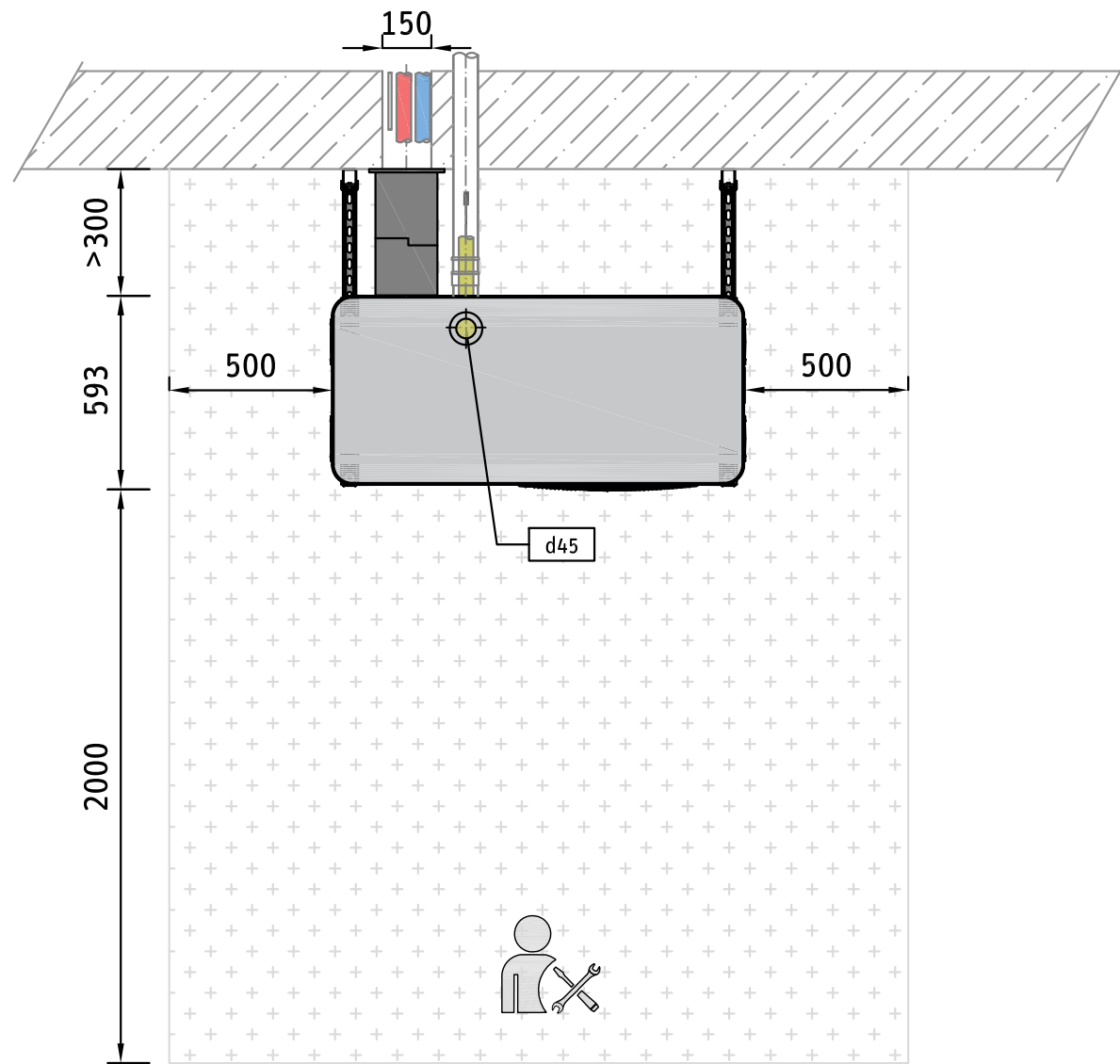
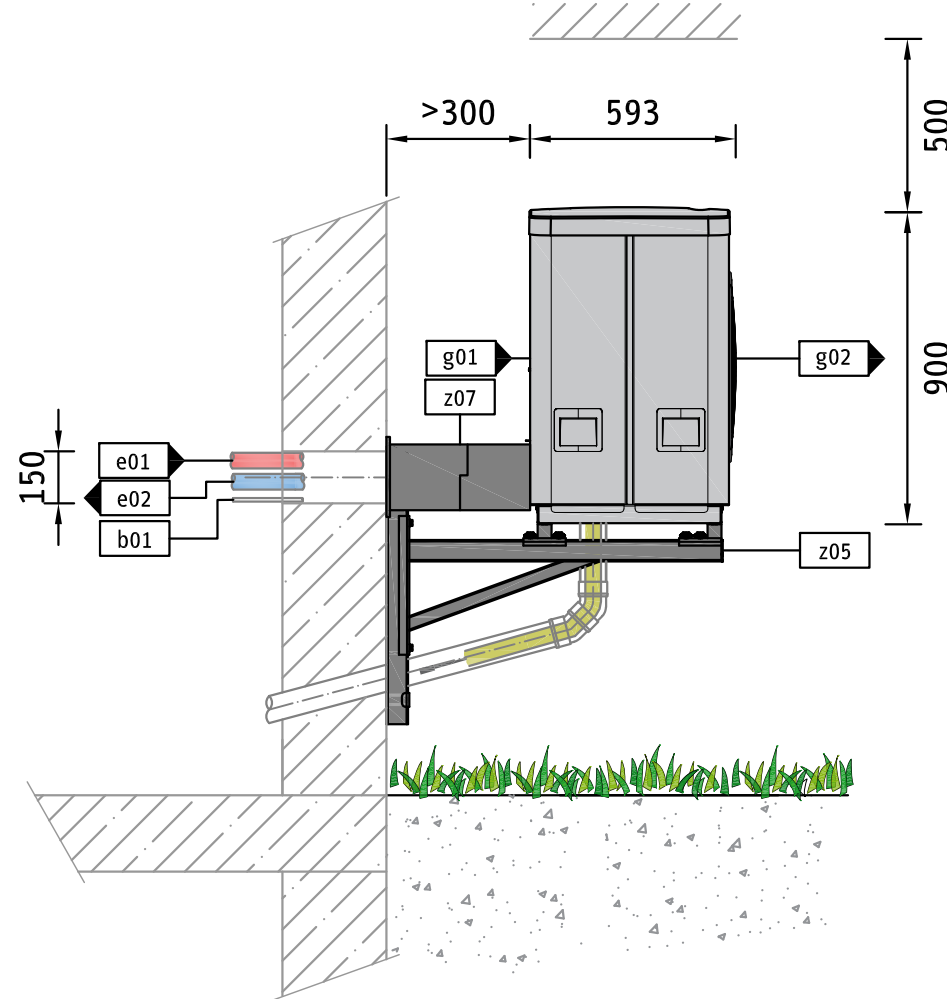
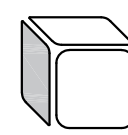
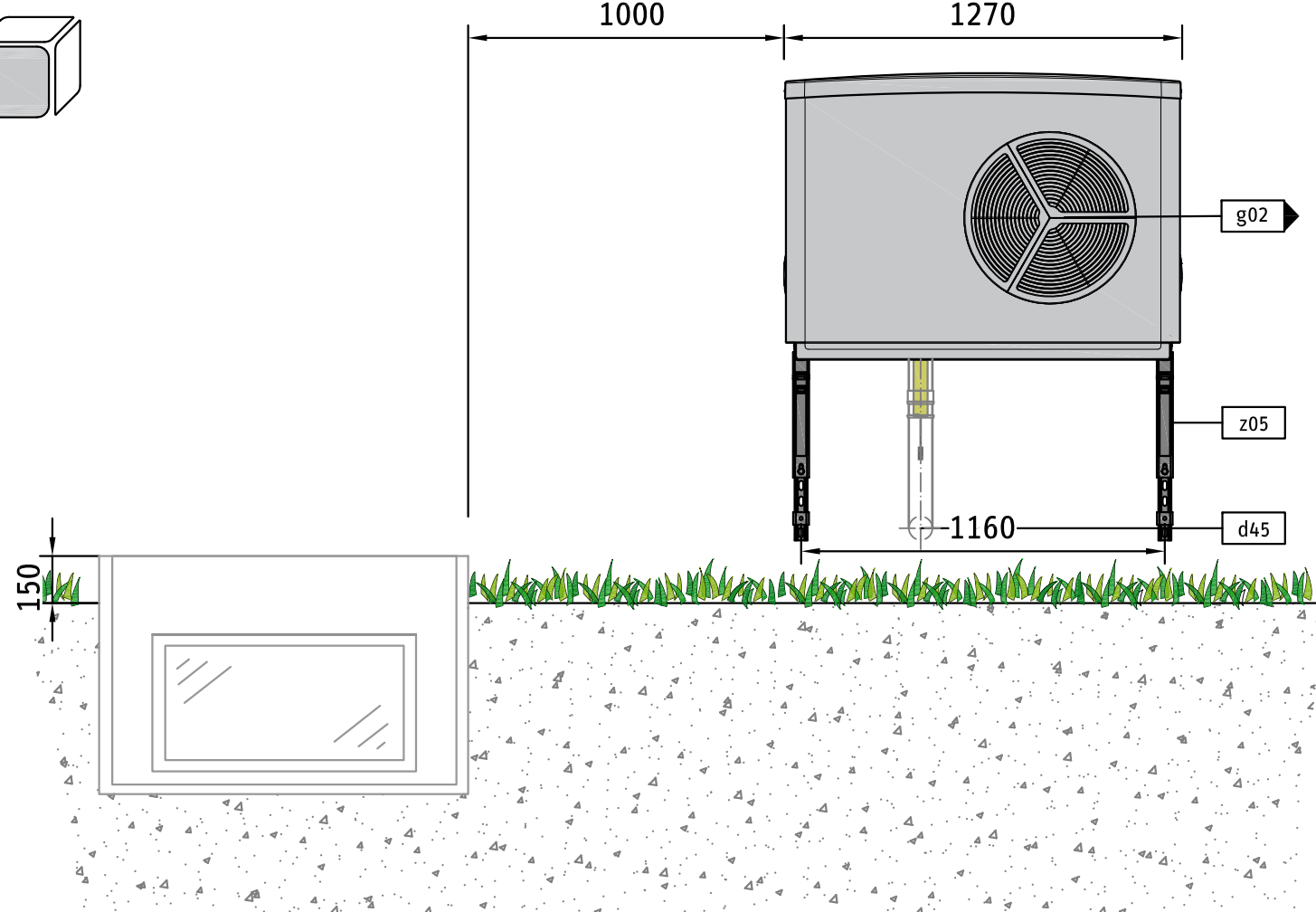
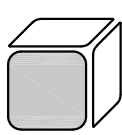
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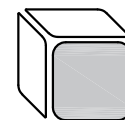
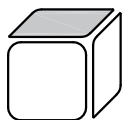
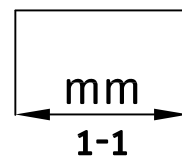
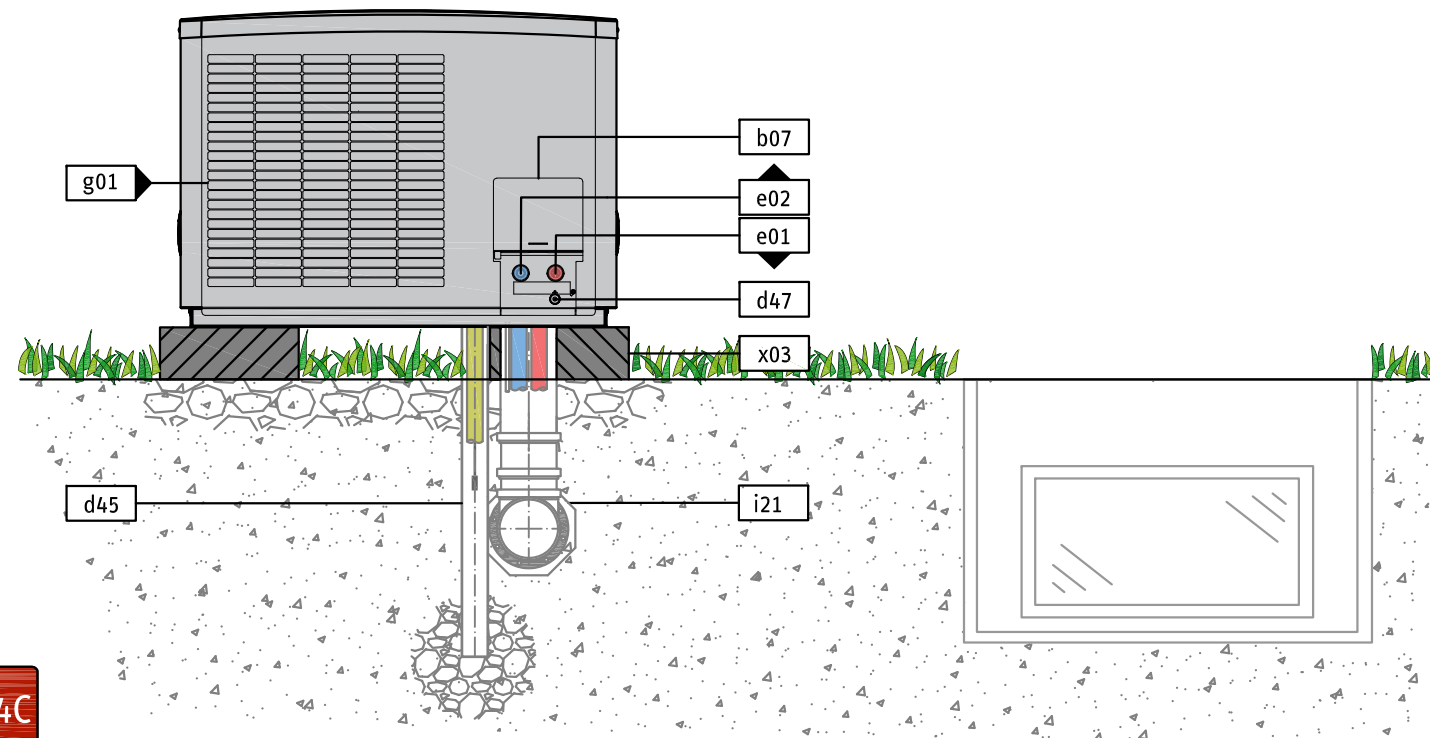
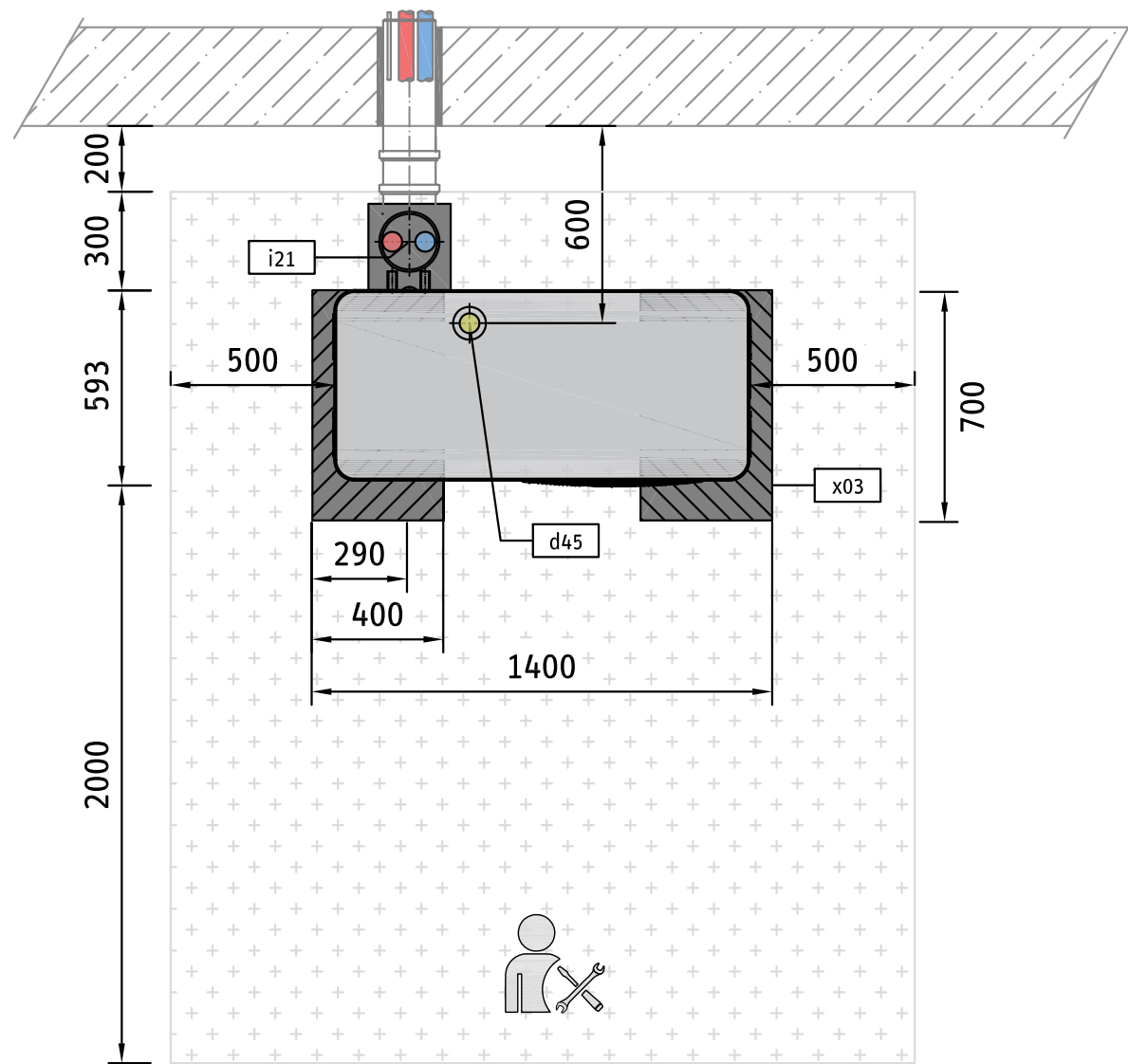
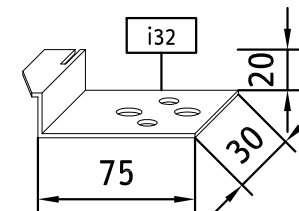
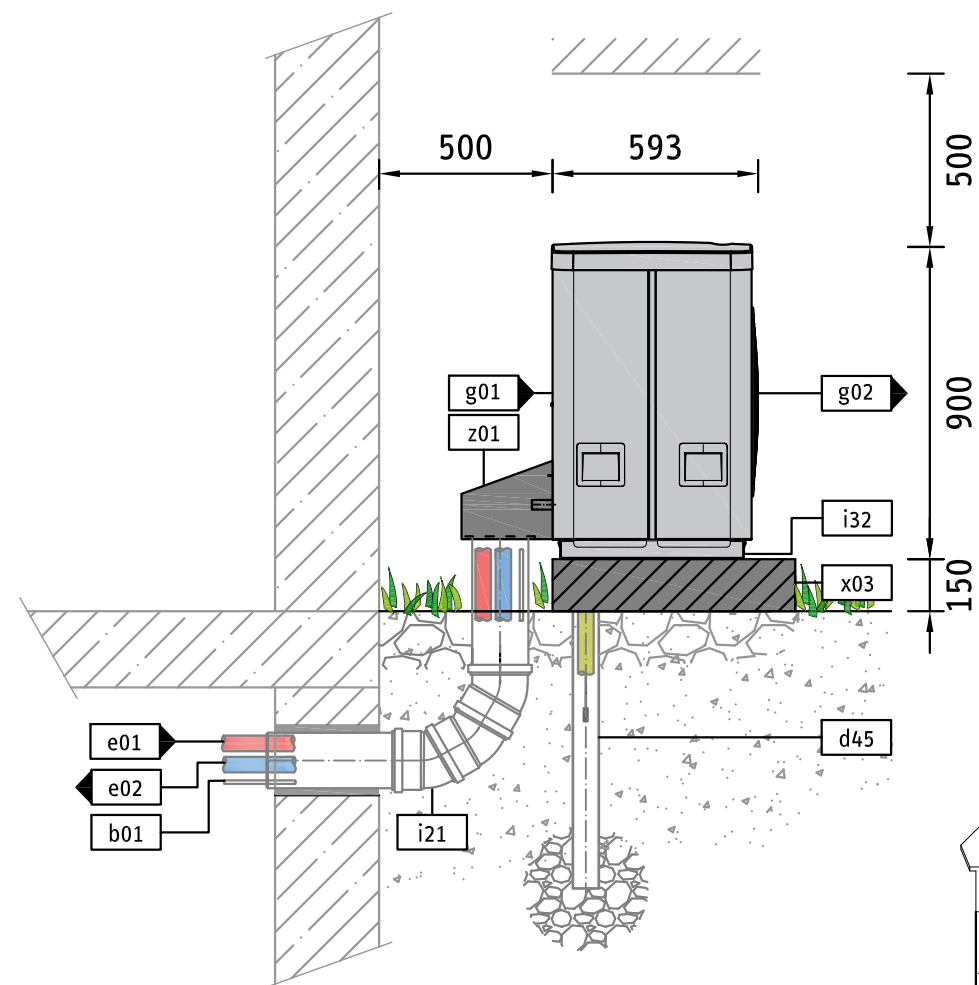
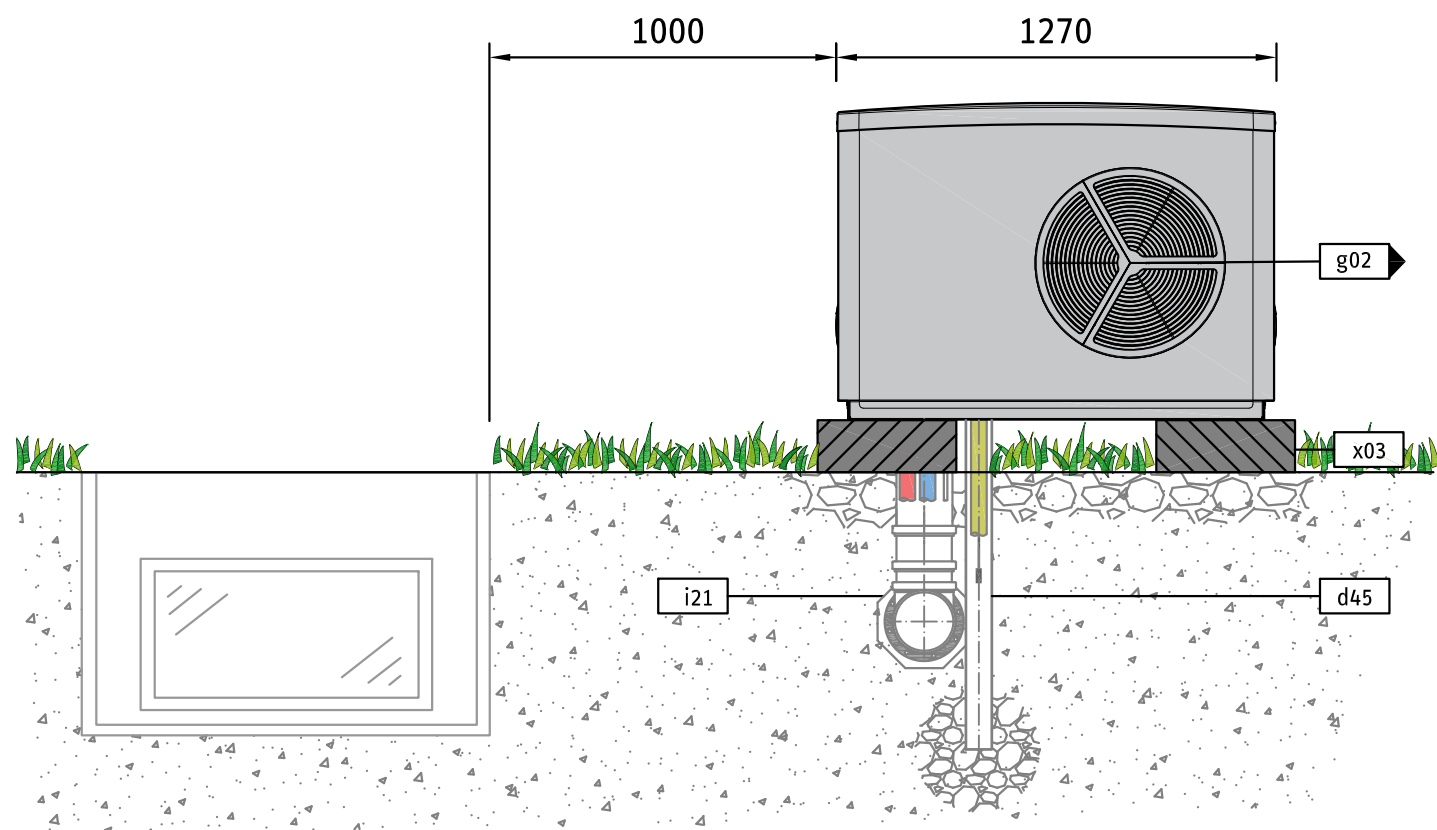
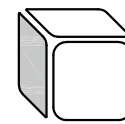
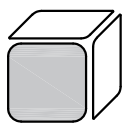


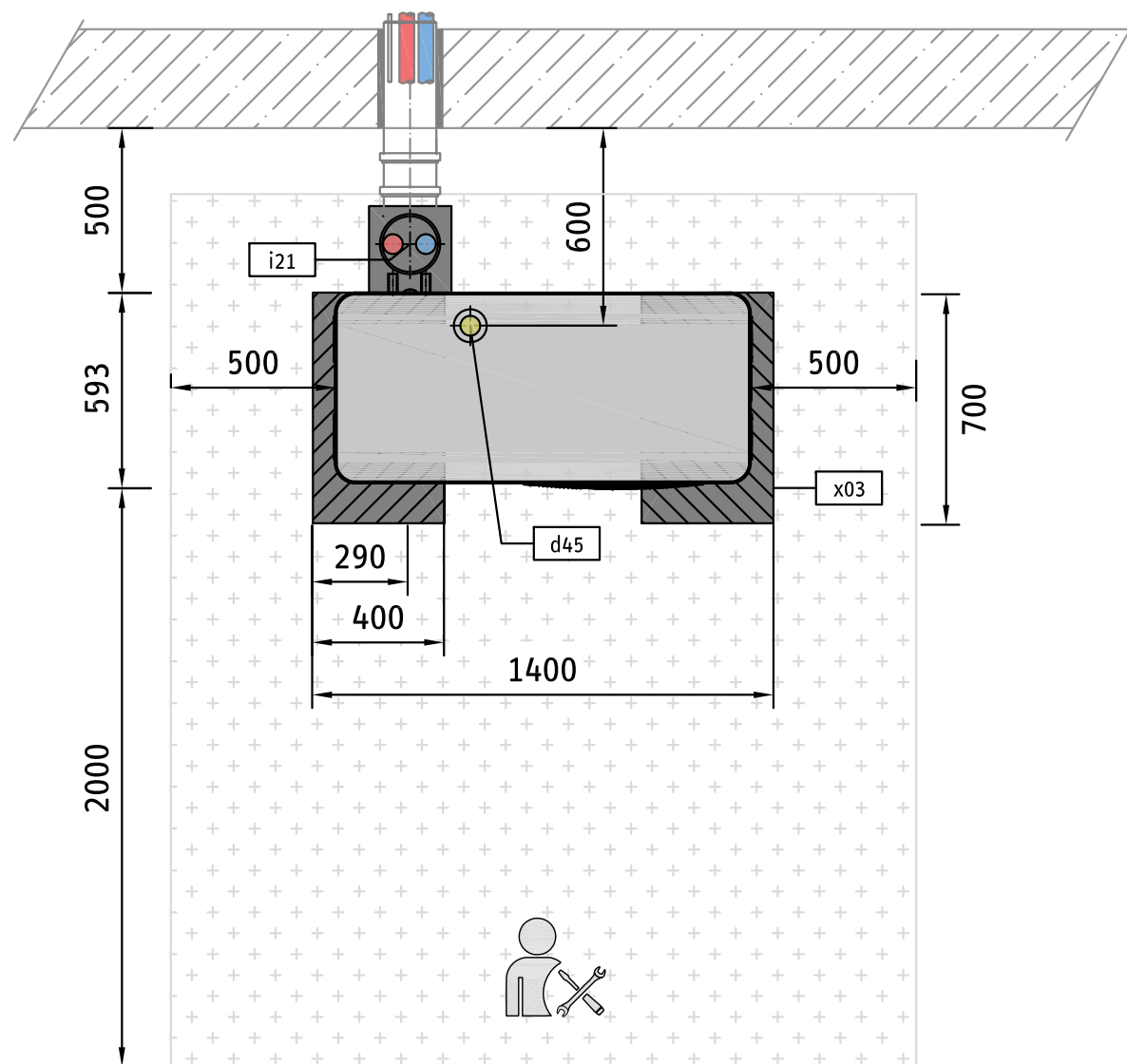
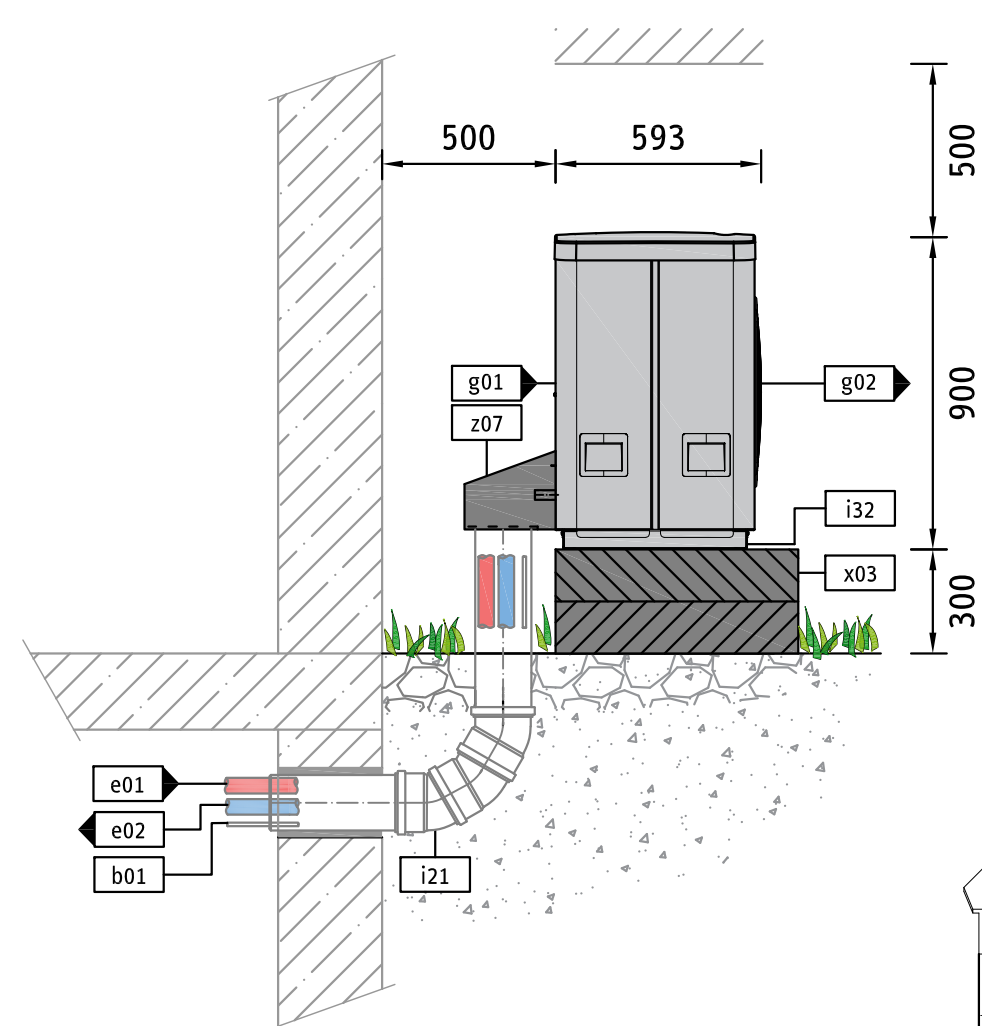
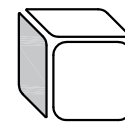
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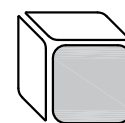


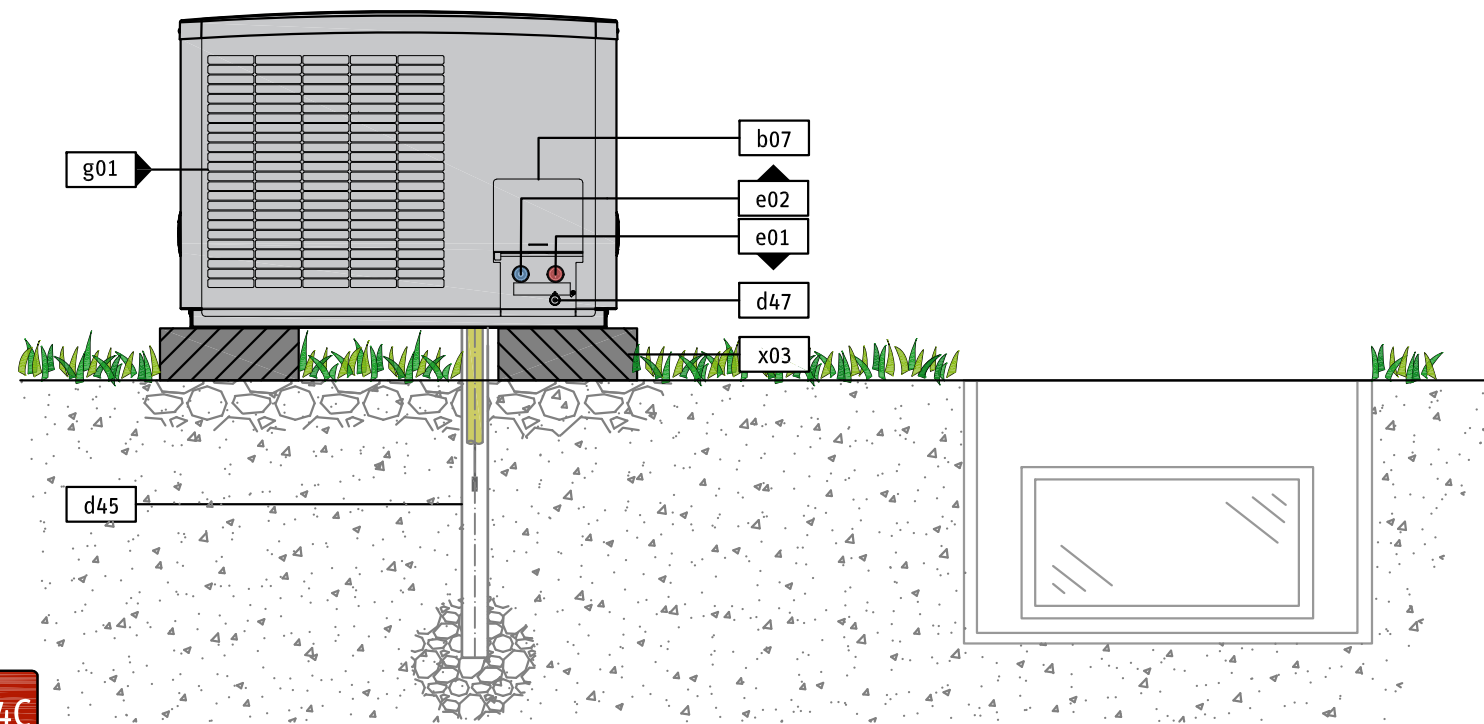
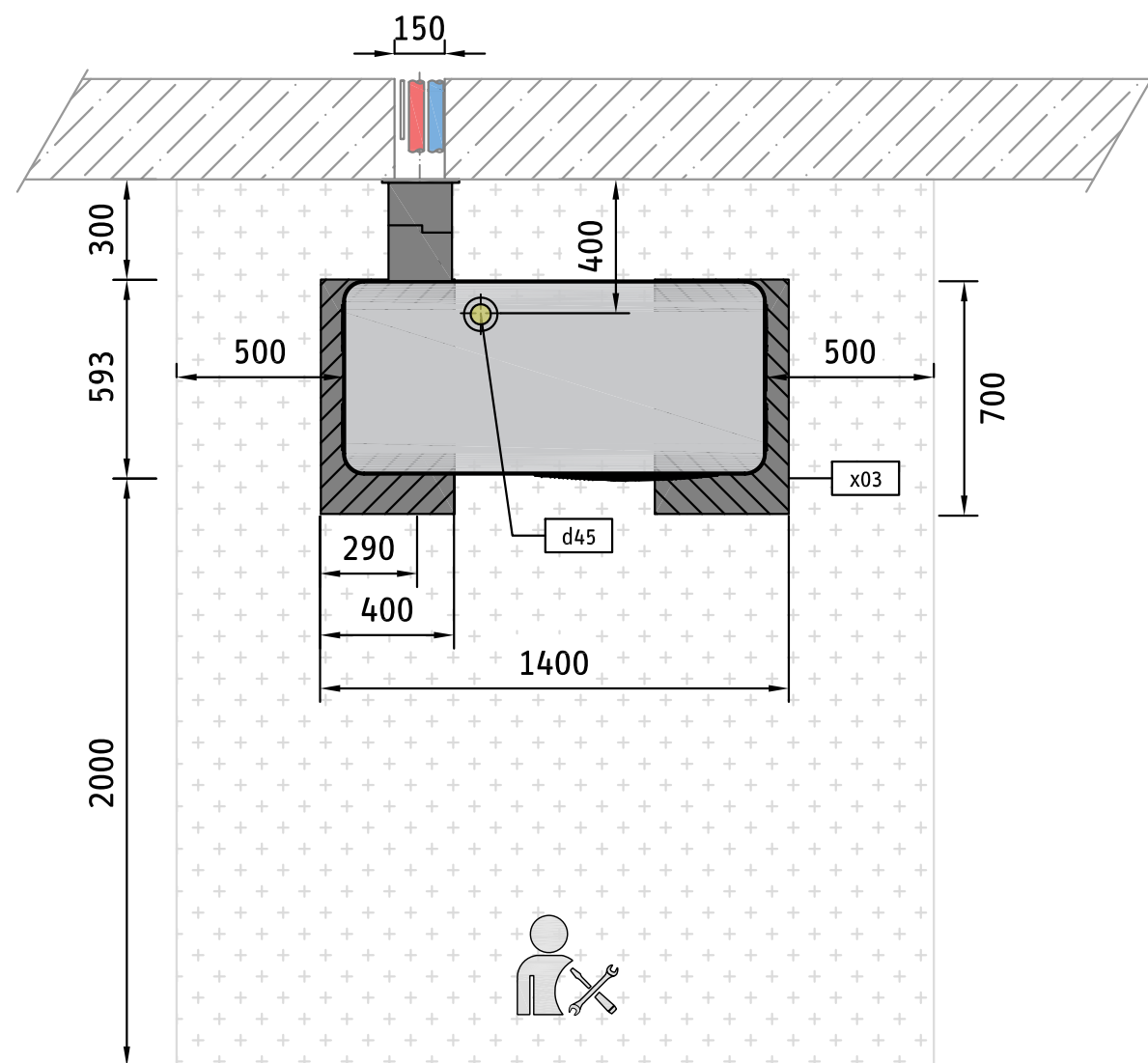
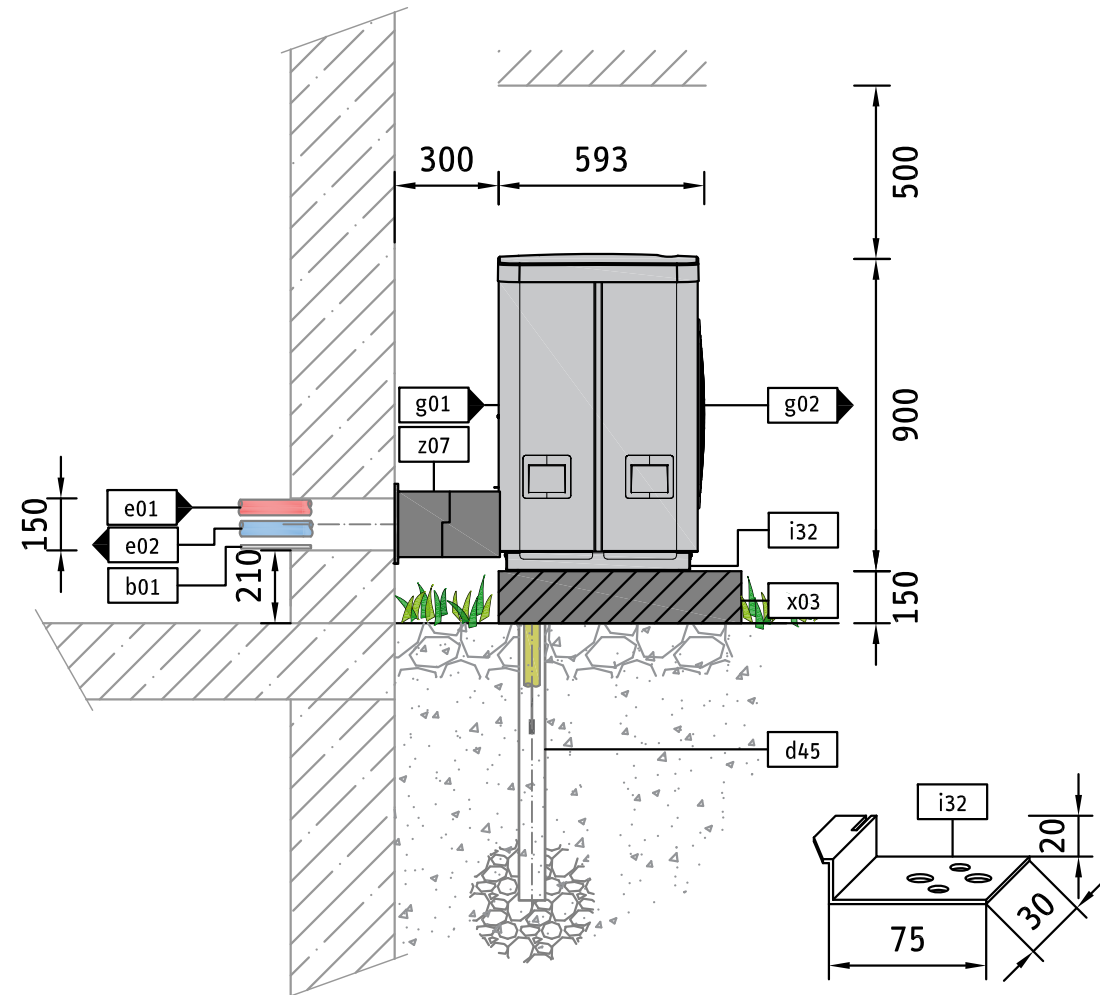
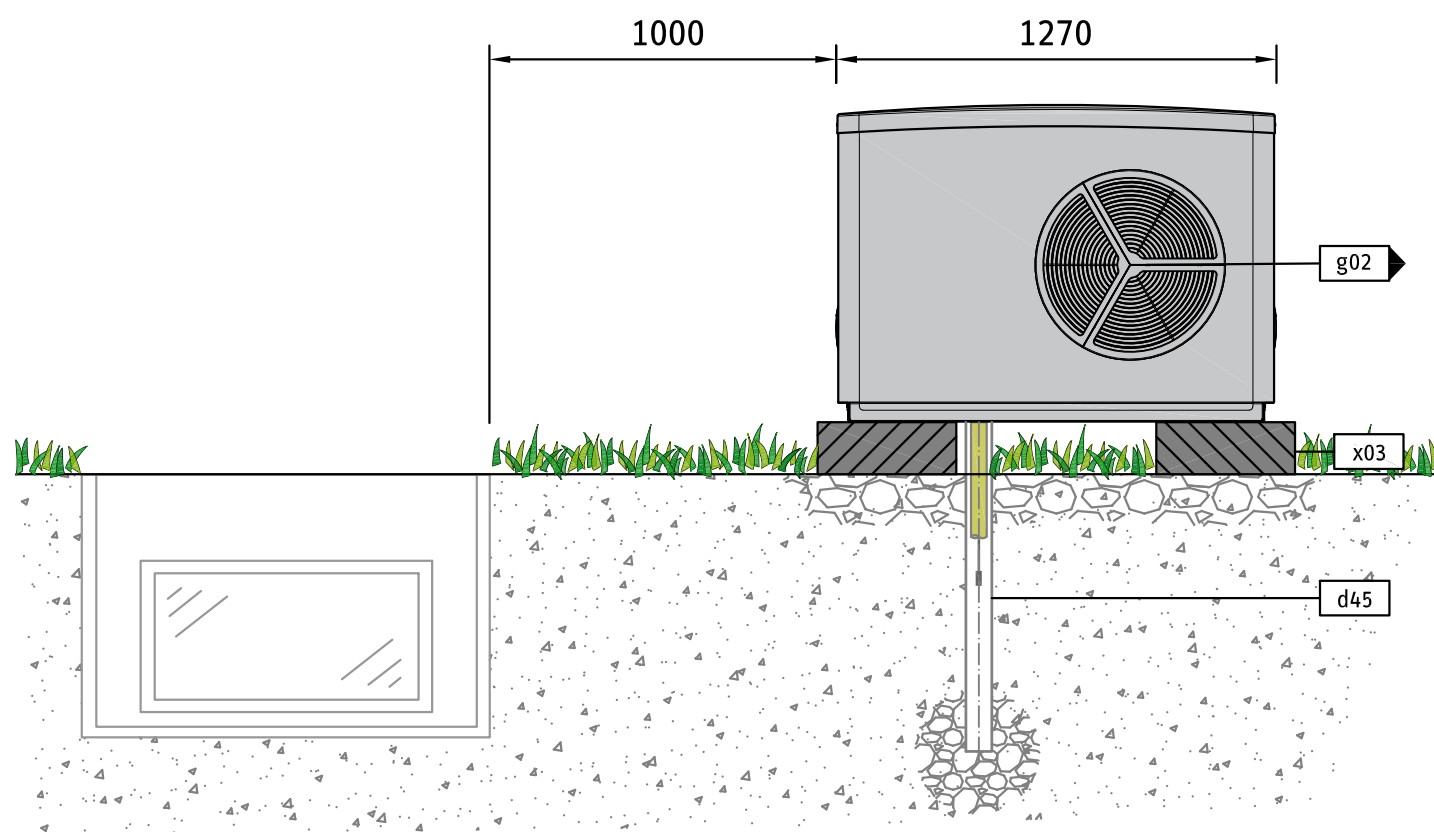
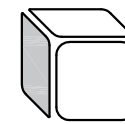
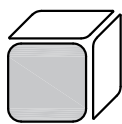




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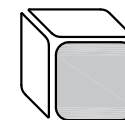
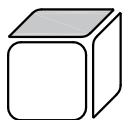
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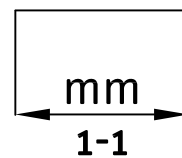
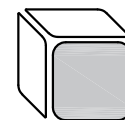
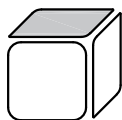
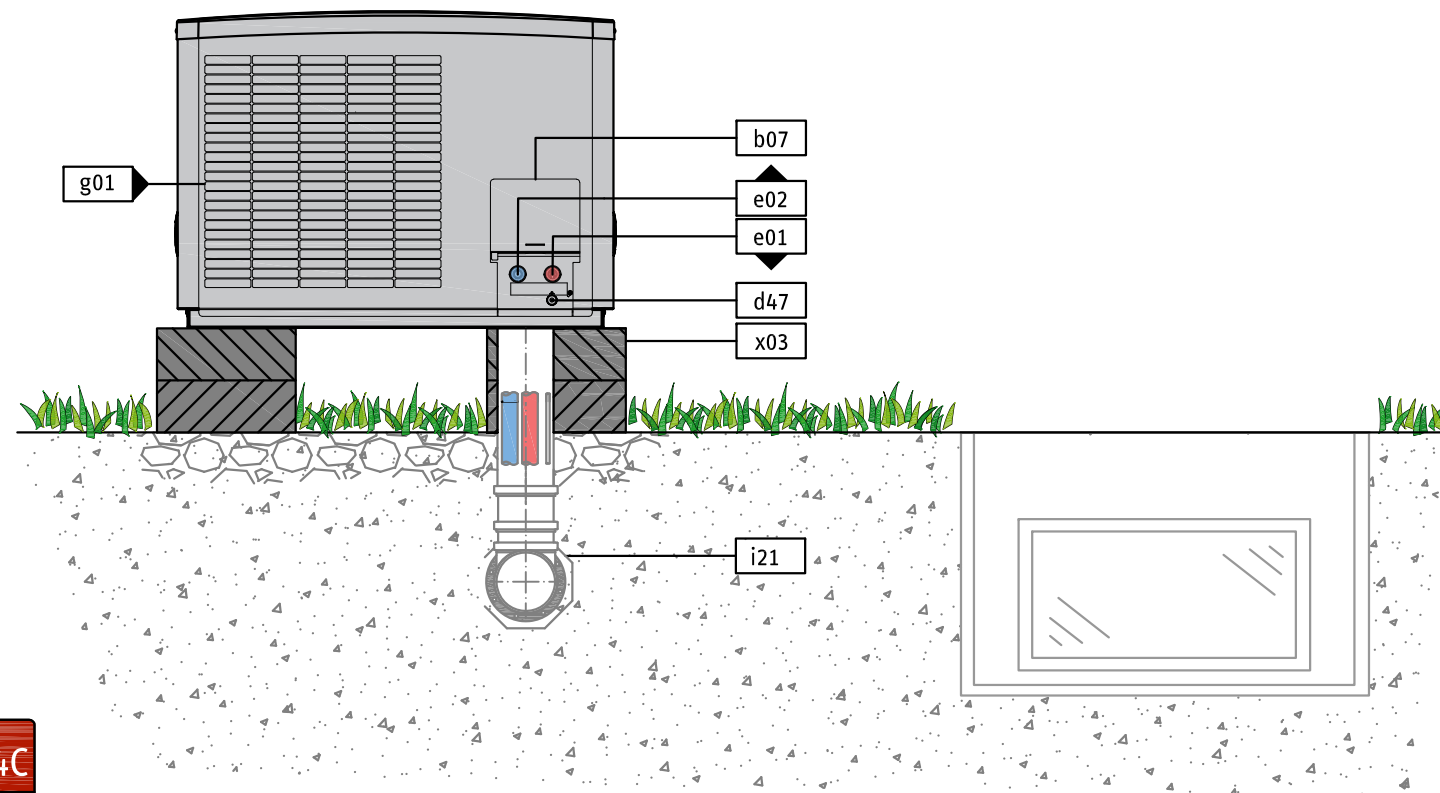
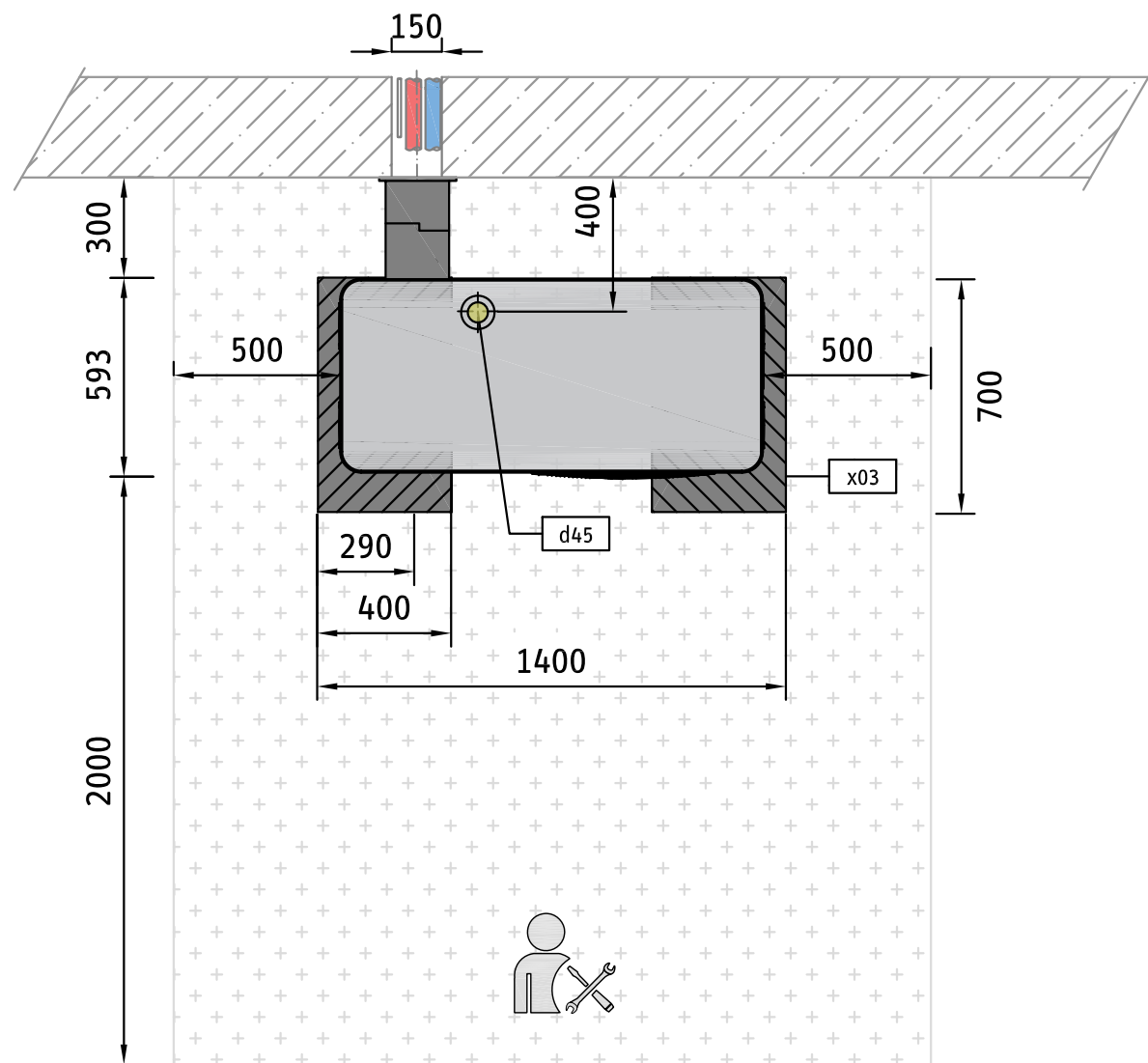
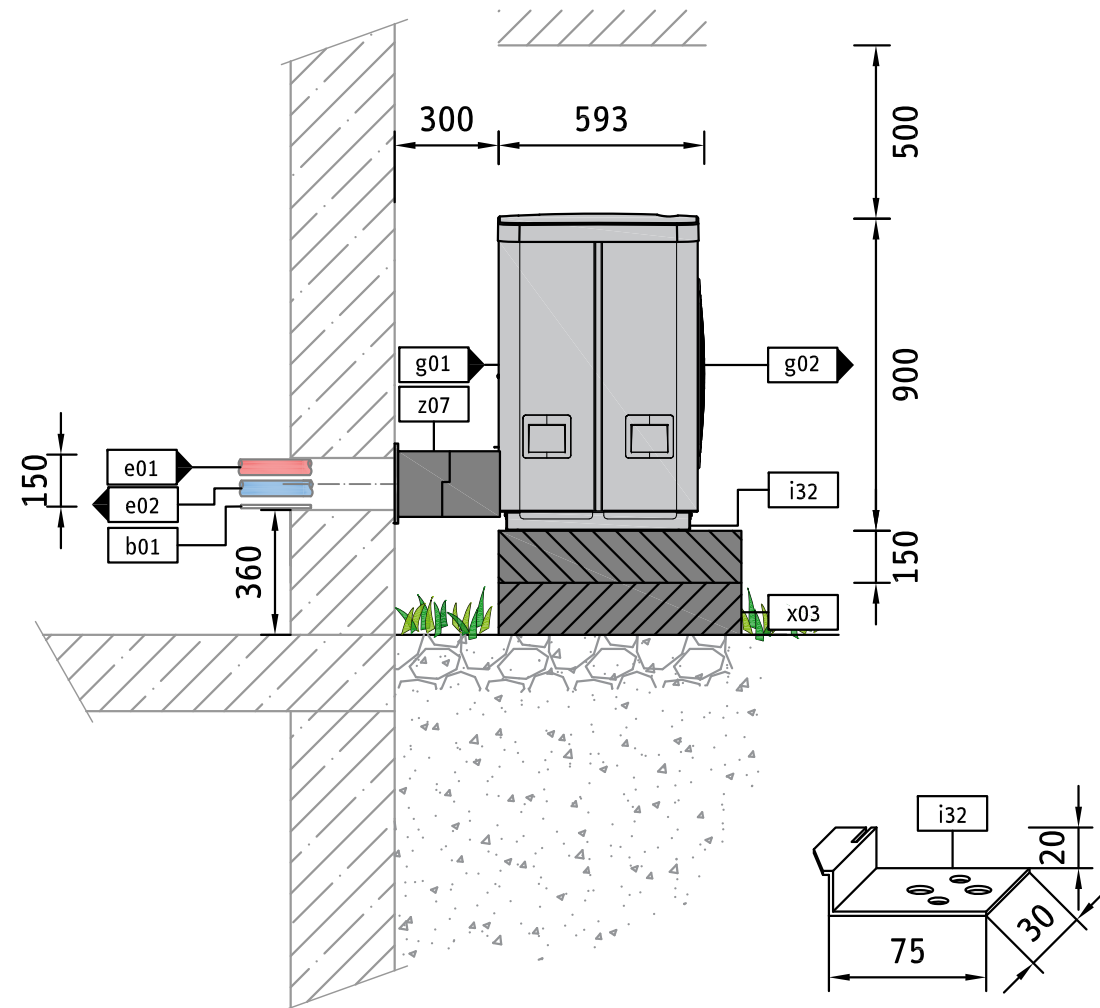
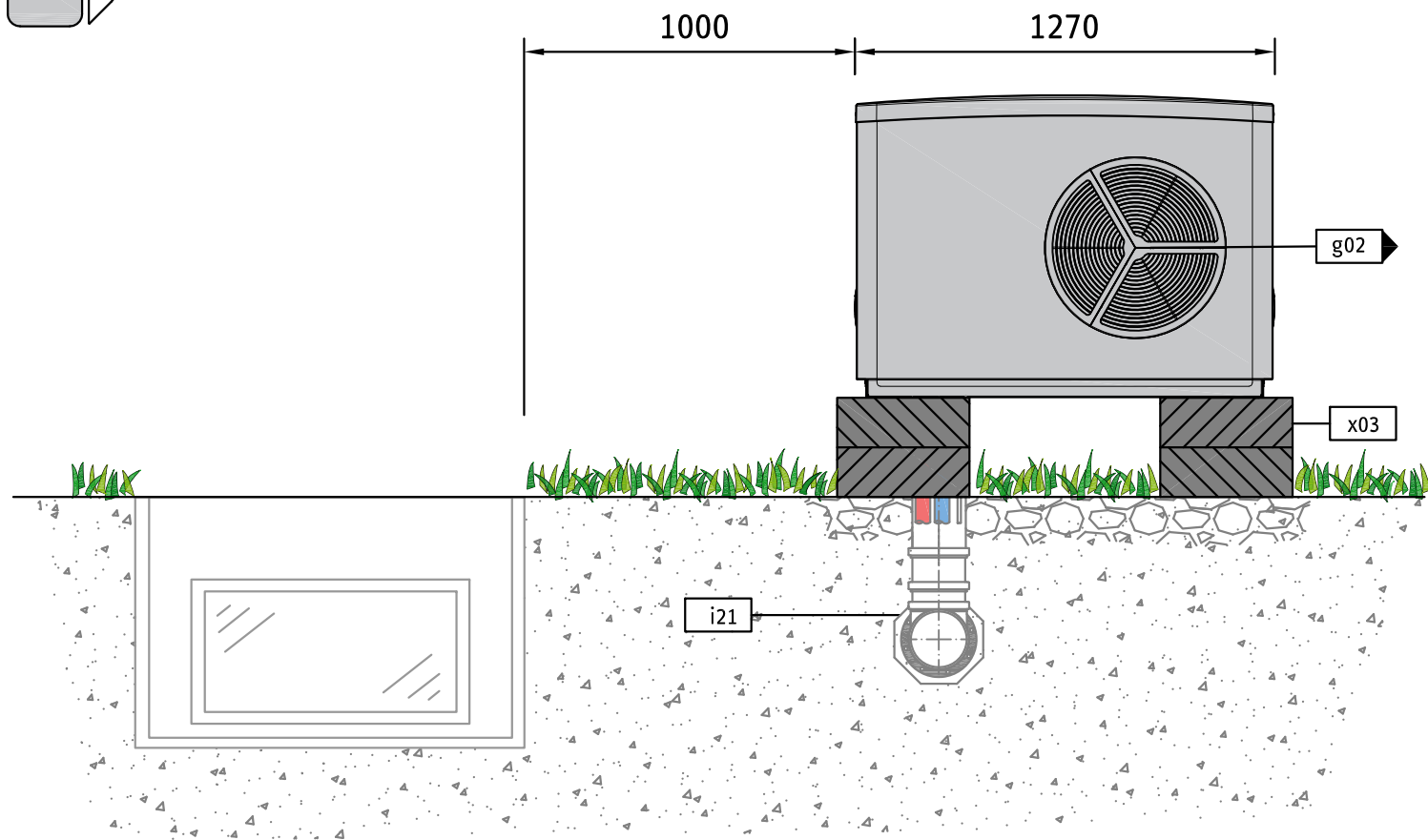
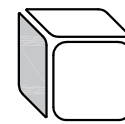
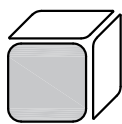


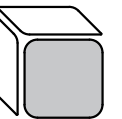
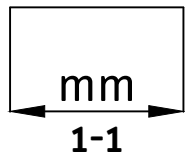
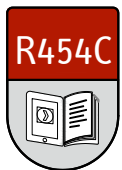
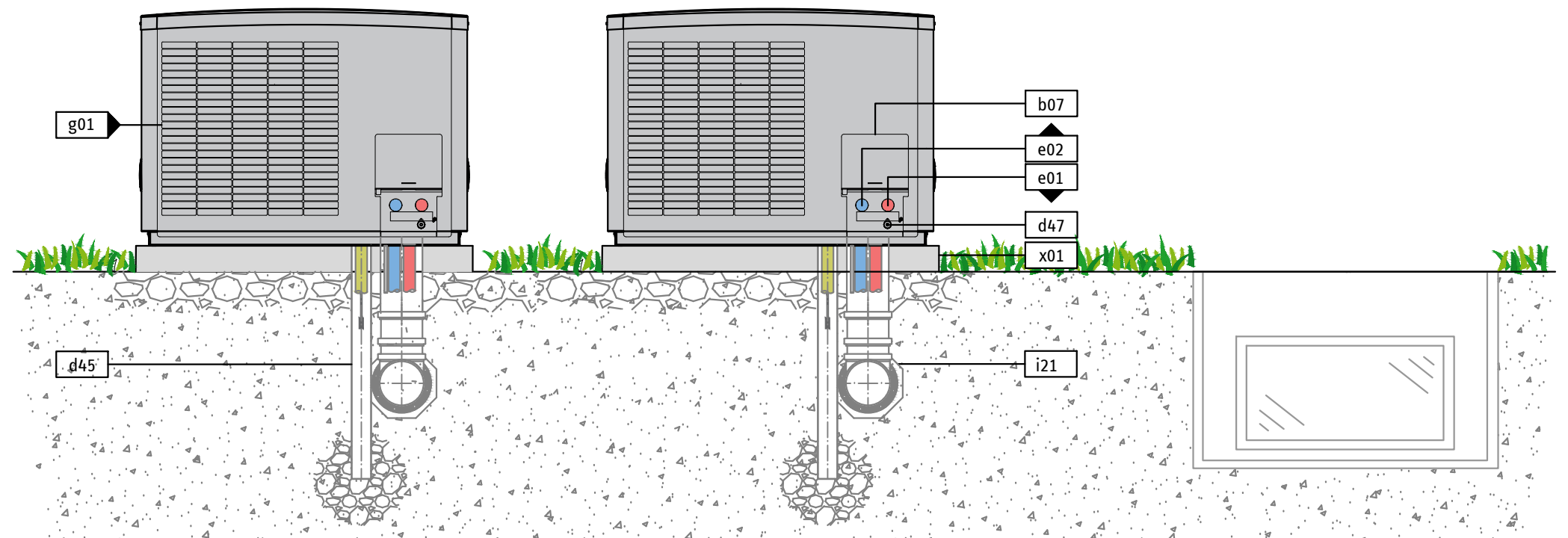
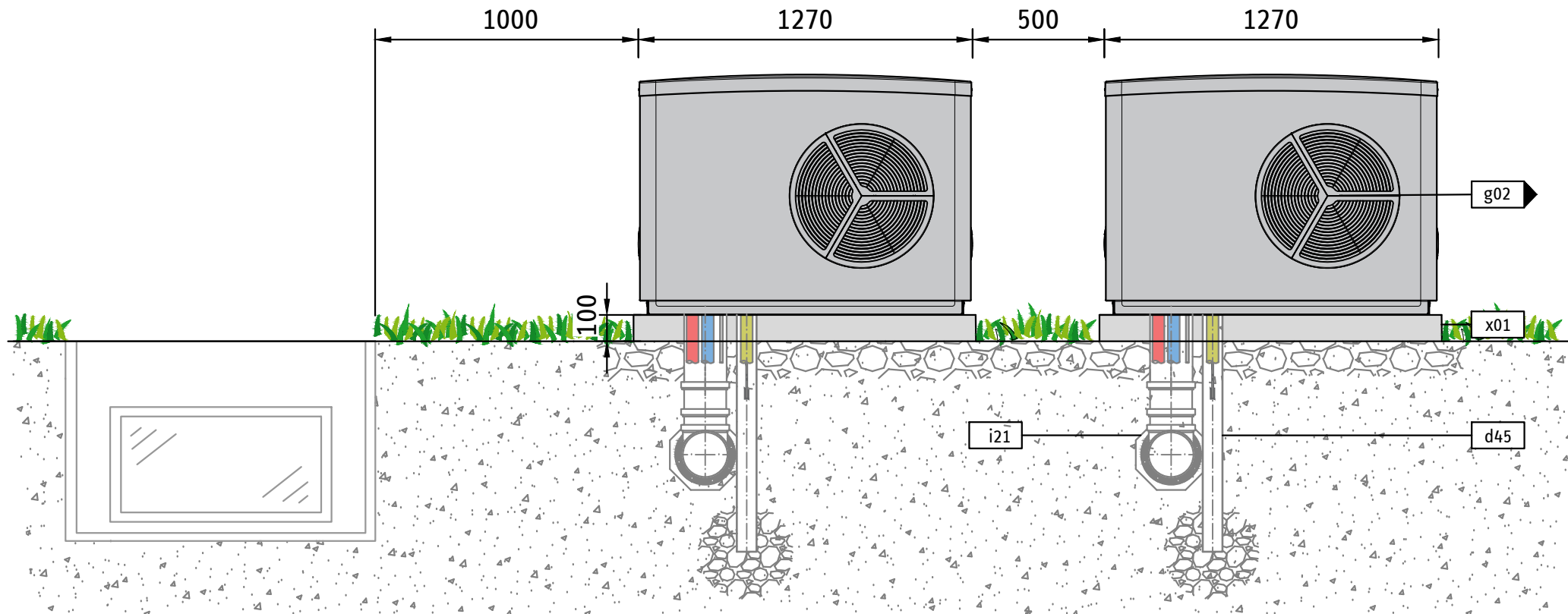
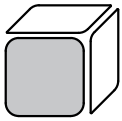


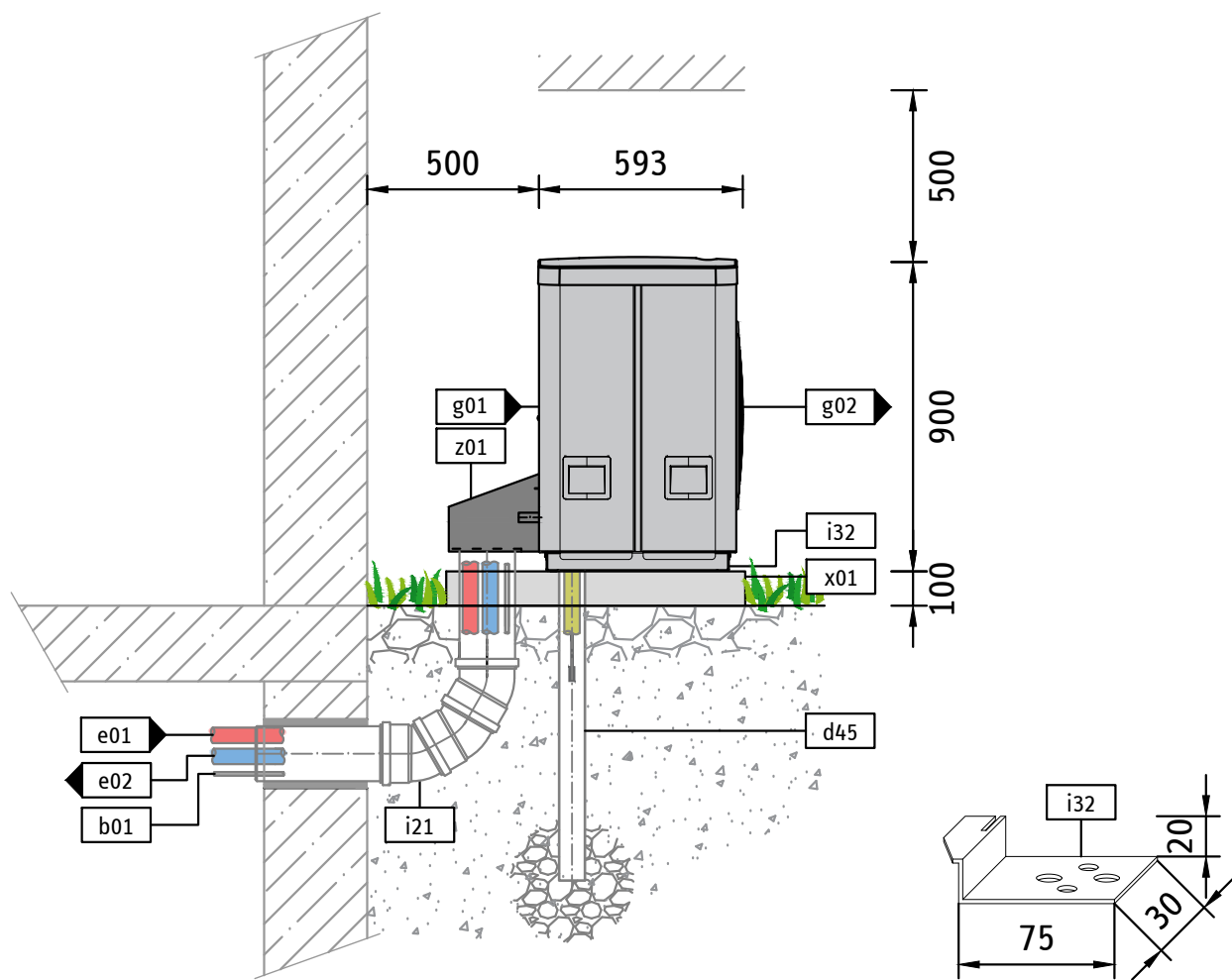
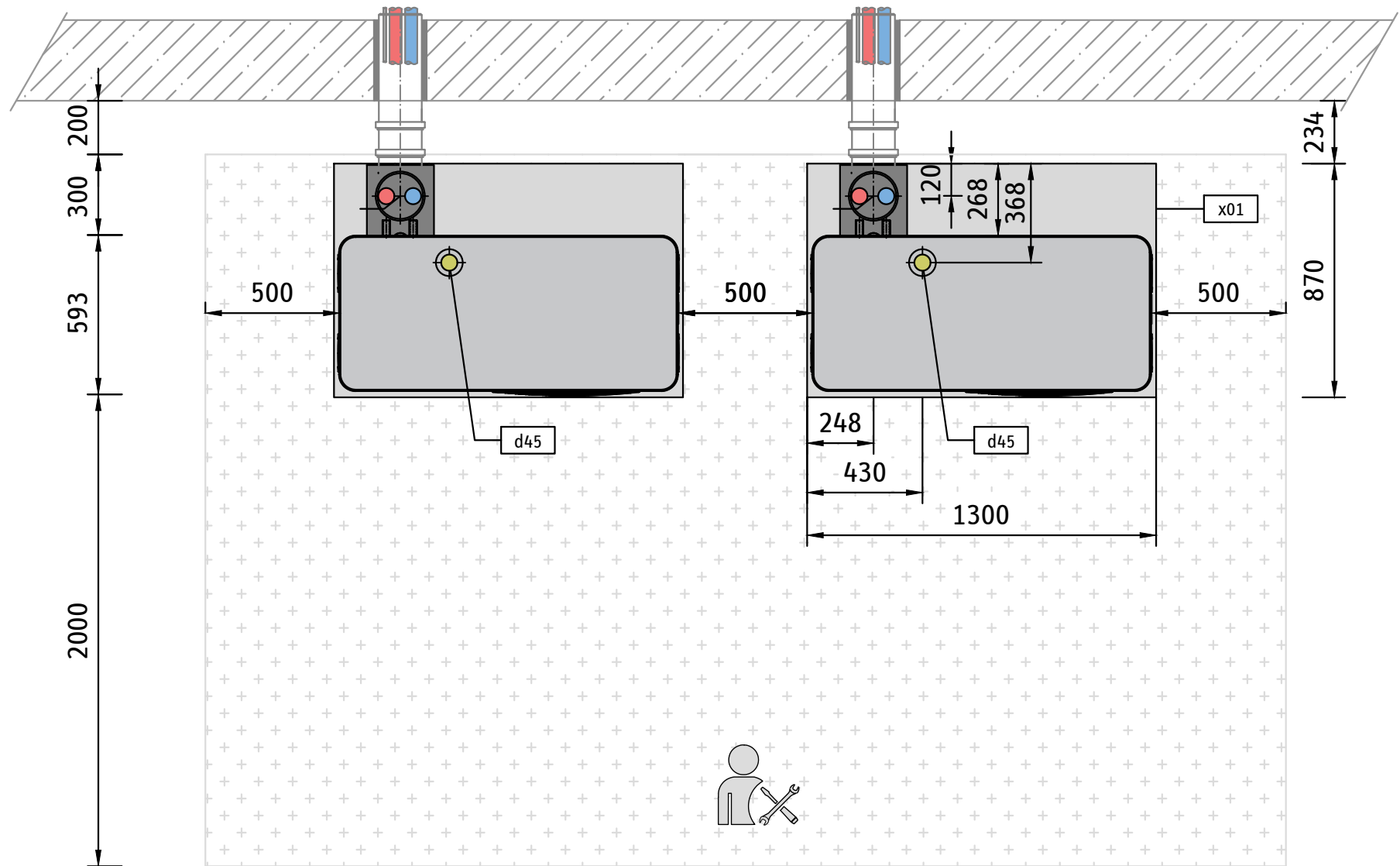
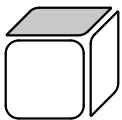
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1-1







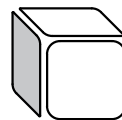


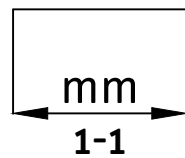
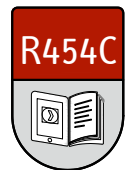
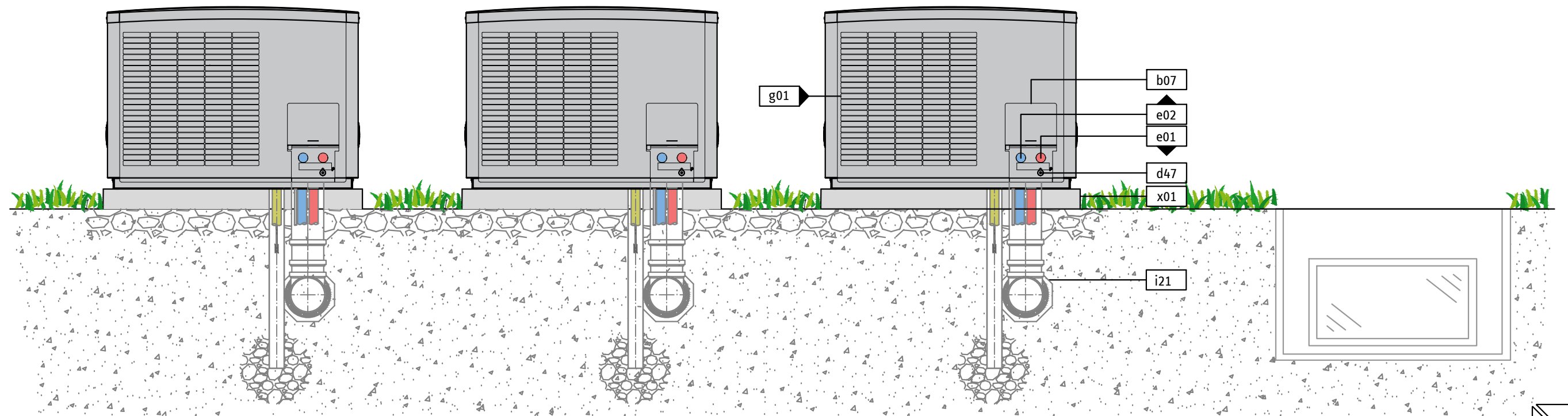
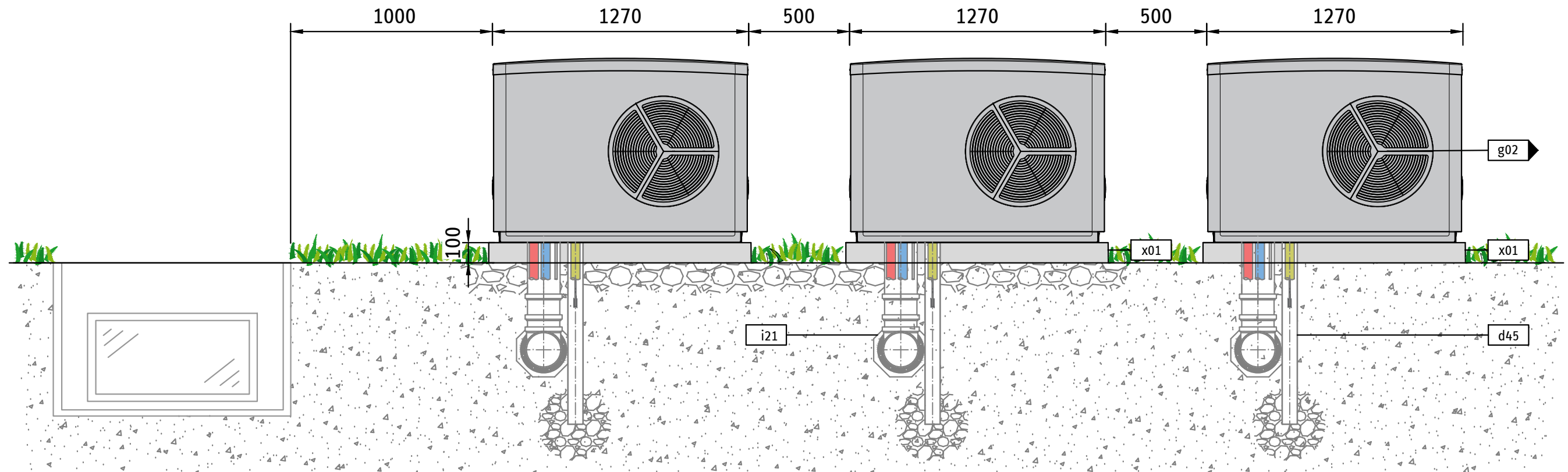
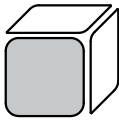
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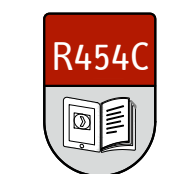
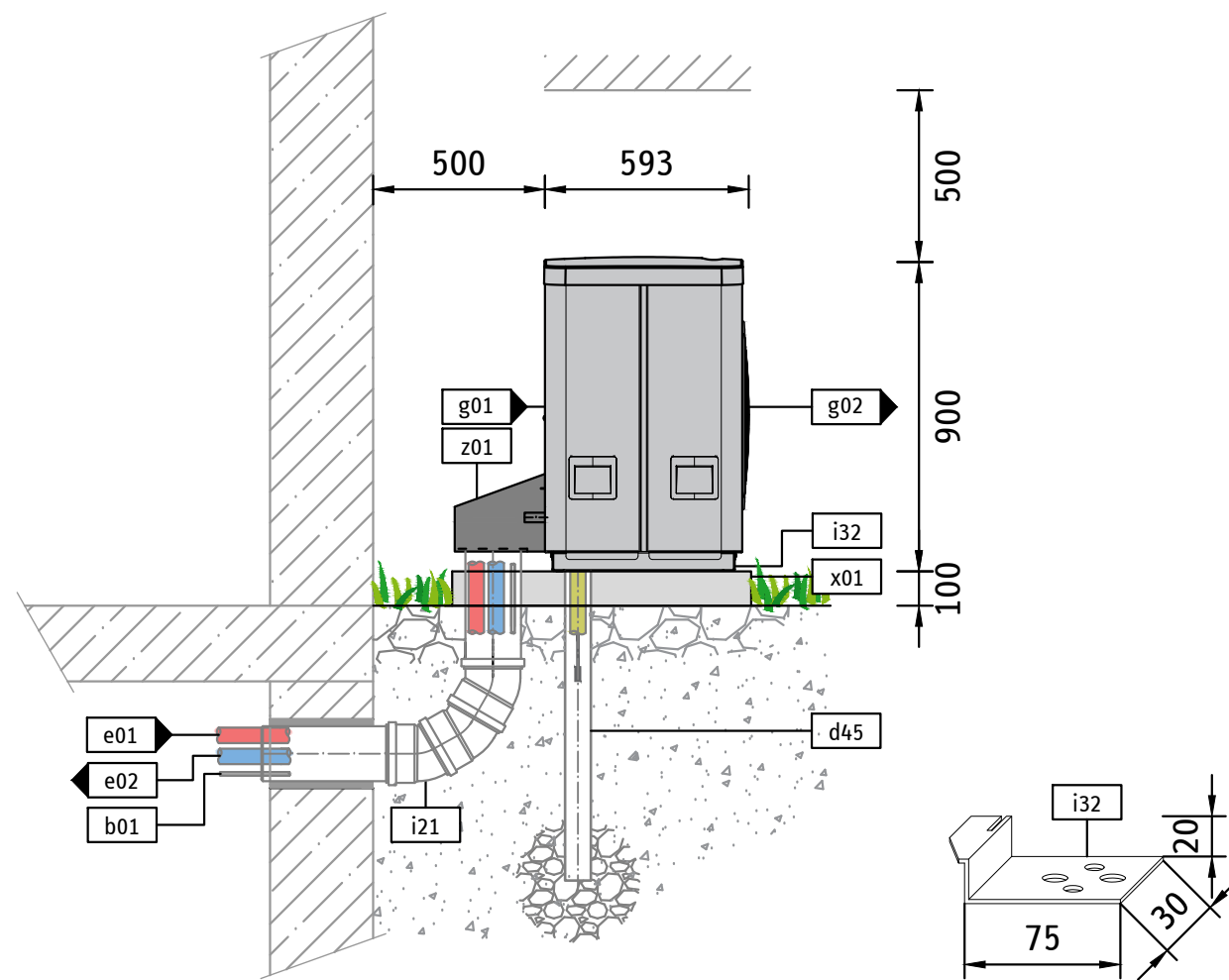
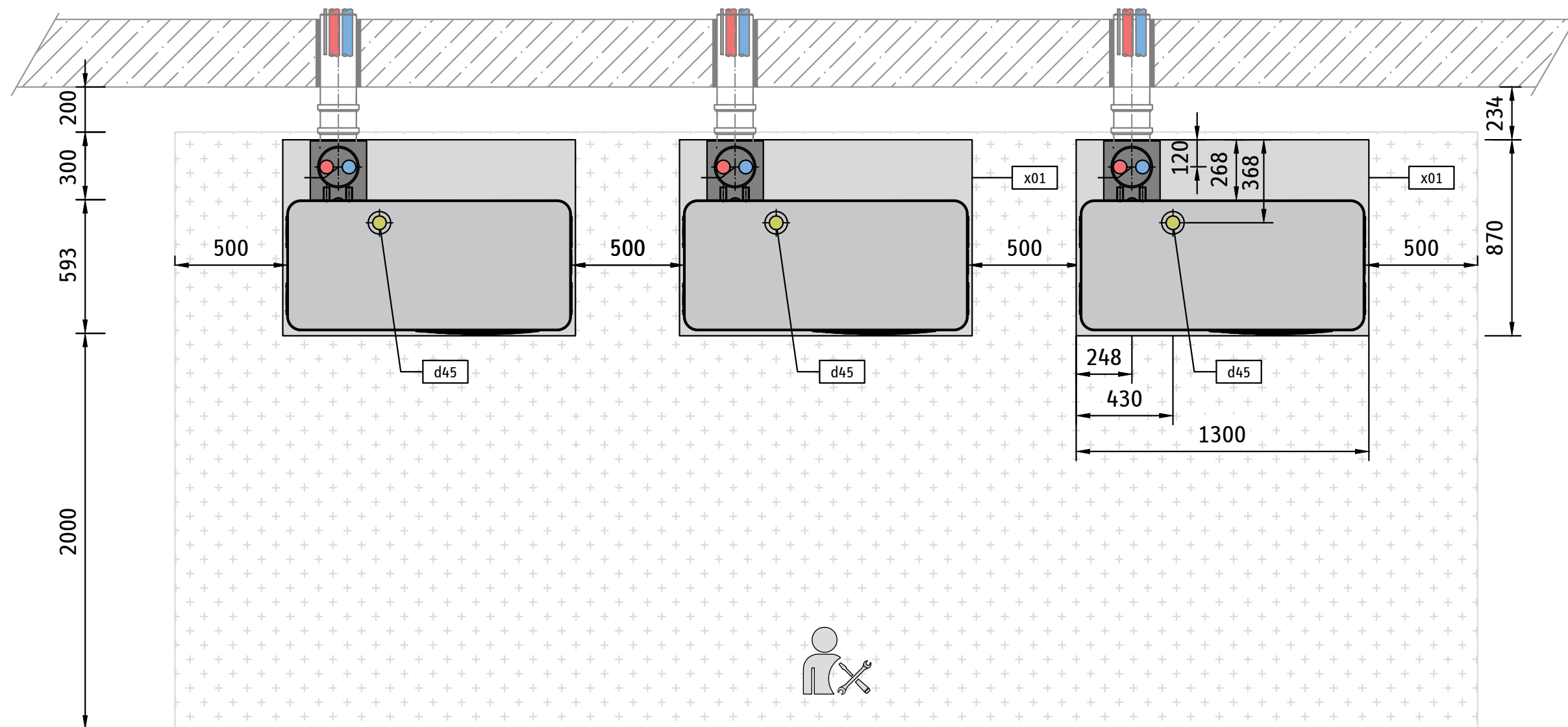
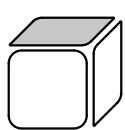


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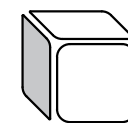
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1-2



a10	Höhe	c10	Zirkulation	d43	Kondensatüberlauf
a11	Höhe mit Wärmedämmung	c11	Sicherheitsgruppe	d44	Durchführung Kondensatablauf
a12	Höhe ohne Wärmedämmung	c12	Sicherheitsventil Ablauf	d45	Kondensatablauf
a13	Höhe der Stellfüße	c13	T&P valve	d46	Entlüftung
a14	Höhe mit Haube	d01	Wärmepumpe Vorlauf	d47	Entleerung
a20	Breite	d02	Wärmepumpe Rücklauf	d48	Befüllung
a21	Breite mit Wärmedämmung	d03	Wärmepumpe Vorlauf opt.	d50	Druckausdehnungsgefäß
a22	Breite ohne Wärmedämmung	d04	Wärmepumpe Rücklauf opt.	e01	Heizung Vorlauf
a23	Breite ohne seitliche Wärmedämmsegmente	d07	Wärmepumpe Heizung Vorlauf	e02	Heizung Rücklauf
a24	Breite mit Haube	d08	Wärmepumpe Heizung Rücklauf	e03	Heizung Vorlauf opt.
a30	Tiefe	d09	Wärmepumpe Heizung Vorlauf opt.	e04	Heizung Rücklauf opt.
a31	Tiefe mit Wärmedämmung	d10	Wärmepumpe Heizung Rücklauf opt.	e05	Heizung Vorlauf Niedertemperatur
a32	Tiefe ohne Wärmedämmung	d11	Wärmepumpe Warmwasser Vorlauf	e06	Heizung Rücklauf Niedertemperatur
a33	Tiefe mit Haube	d12	Wärmepumpe Warmwasser Rücklauf	e07	Entlüftung
a40	Durchmesser	d13	Wärmepumpe Warmwasser Vorlauf opt.	e10	Heizung Vorlauf WP
a41	Durchmesser mit Wärmedämmung	d14	Wärmepumpe Warmwasser Rücklauf opt.	e11	Heizung Rücklauf WP
a42	Durchmesser ohne Wärmedämmung	d17	2.WE Vorlauf	e14	Heizung Vorlauf Wärmeerzeuger
a43	Lochkreisdurchmesser Füße	d18	2.WE Rücklauf	e15	Heizung Rücklauf Wärmeerzeuger
a44	Abstand Stellfüße	d21	Ladestation Vorlauf	e16	Heizung Vorlauf Wärmeerzeuger Niedertemperatur
a45	Befestigungsloch Füße	d22	Ladestation Rücklauf	e17	Heizung Rücklauf Wärmeerzeuger Niedertemperatur
b01	Durchführung elektr. Leitungen	d23	Ladestation Vorlauf opt.	e18	Vorlauf
b02	Durchführung elektr. Leitungen I	d24	Ladestation Rücklauf opt.	e19	Rücklauf
b03	Durchführung elektr. Leitungen II	d25	Solar Vorlauf	e20	Vorlauf opt.
b04	Durchführung elektr. Leitungen III	d26	Solar Rücklauf	e21	Rücklauf opt.
b06	Anschluss-Box	d29	Wärmeübertrager Vorlauf	e22	Speicher Vorlauf
b07	Elektrischer Anschluss	d30	Wärmeübertrager Rücklauf	e23	Speicher Rücklauf
c01	Kaltwasser Zulauf	d33	Wärmeerzeuger Vorlauf	e26	Hydraulikmodul Vorlauf
c02	Kaltwasser Zulauf opt.	d34	Wärmeerzeuger Rücklauf	e27	Hydraulikmodul Rücklauf
c03	Kaltwasser Zulaufrohr	d35	Wärmeerzeuger Vorlauf opt.	e30	Heizung Vorlauf gemischt
c04	Kaltwasser Auslauf	d36	Wärmeerzeuger Rücklauf opt.	e31	Heizung Rücklauf gemischt
c06	Warmwasser Auslauf	d37	Wärmeerzeuger Warmwasser Vorlauf	f01	Wärmequelle Vorlauf
c07	Warmwasser Auslauf opt.	d38	Wärmeerzeuger Warmwasser Rücklauf	f02	Wärmequelle Rücklauf
c08	Heißwasser Auslauf	d39	Warmwasser Vorlauf 2.WE	g01	Lufteintritt
c09	Durchführung Zirkulation	d40	Warmwasser Rücklauf 2.WE	g02	Luftaustritt

g03	Außenluft	h17	Fühler Warmwasser opt.	i08	elektr. Not-/Zusatzheizung I
g04	Fortluft	h18	Fühler Warmwasser Vorlauf	i09	elektr. Not-/Zusatzheizung II
g05	Abluft	h19	Fühler Warmwasser Rücklauf	i10	elektr. Not-/Zusatzheizung III
g06	Zuluft	h22	Fühler Wärmeerzeuger	i11	elektr. Not-/Zusatzheizung opt.
g07	Außenluft Erdwärmeübertrager	h23	Fühler Wärmeerzeuger opt.	i13	Wandaufhängung
g09	Außenluft Wohnungslüftung opt.	h24	Fühler Wärmeerzeuger Vorlauf	i14	Wandaufhängung I
g15	Frischluft	h25	Fühler Wärmeerzeuger Rücklauf	i15	Wandaufhängung II
g16	Nebenraumkühlung	h28	Fühler Solar Speicher	i16	Wandabstandshalter
g19	Umluft	h29	Fühler Solar Speicher opt.	i18	Schutzanode
g20	Umluft Eintritt	h30	Fühler Solar Speicher Vorlauf	i21	Durchführung Versorgungsleitung
g21	Umluft Austritt	h31	Fühler Solar Speicher Rücklauf	i22	Durchführung Kondensatschlauch
g22	Sekundärluft	h32	Fühler Solar Kollektor	i30	Klemmbereich
g23	Sekundärluft Eintritt	h33	Fühler Solar Kollektor opt.	i32	Fixierung
g24	Sekundärluft Austritt	h34	Fühler Solar Kollektor I	i35	Handtuchhalter
g26	Lufteintritt opt.	h35	Fühler Solar Kollektor II	i37	Temperaturregler Wärmeübertrager
g27	Luftaustritt opt.	h36	Fühler Solar Kollektor Vorlauf	i40	Abgassystem
g28	Außenluft opt.	h37	Fühler Solar Kollektor Rücklauf	i43	Abdeckung Produktionsöffnung
g29	Fortluft opt.	h40	Thermometer Warmwasser	i44	Kontrollzugang
g30	Abluft opt.	h41	Thermometer Solar	i45	Revisionsöffnung
g31	Zuluft opt.	h42	Thermometer Heizung	i50	Kältemittel Sauggasleitung
g32	Außenluft Erdwärmeübertrager opt.	h43	Thermometer	i51	Kältemittel Flüssigkeitsleitung
h01	Fühler WP Vorlauf	h46	Temperaturindikator	x01	Betonfundament
h02	Fühler WP Rücklauf	h47	Fühler 2. WE	x02	Streifenfundament
h03	Fühler WP Vorlauf opt.	h48	Fühler Kühlung	x03	Blockstufen
h04	Fühler WP Rücklauf opt.	h49	Fühler Mischerkreis	x04	Aussparung Estrich
h05	Fühler WP Warmwasser	h50	Fühler Schwimmbadwasser	z01	Anschlusset Wärmepumpe
h06	Fühler WP Warmwasser opt.	h51	Fühler Außentemperatur	z02	Standkonsole Wärmepumpe
h07	Fühler WP Warmwasser Vorlauf	h52	Fühler Solarzelle	z04	Montagekonsole Wärmepumpe
h08	Fühler WP Kühlen	h53	Fühler Heizung	z05	Wandkonsole Wärmepumpe
h10	Fühler Wärmequelle	i01	Flansch	z07	Abdeckhaube Anschluss Wärmepumpe
h11	Fühler Wärmequelle opt.	i02	Flansch I	z50	Luftschlauch DN 315
h12	Fühler Wärmequelle Vorlauf	i03	Flansch II	z51	Luftschlauch DN 560
h13	Fühler Wärmequelle Rücklauf	i04	Flansch III	z52	Luftumlenkhaube
h16	Fühler Warmwasser	i07	elektr. Not-/Zusatzheizung	z60	Außenwanddurchführung

a10	Height	c10	DHW circulation	d43	Condensate overflow
a11	Height incl. thermal insulation	c11	Safety assembly	d44	Outlet condensate drain
a12	Height excl. thermal insulation	c12	Safety valve drain	d45	Condensate drain
a13	Height of adjustable feet	c13	T&P valve	d46	Ventilation
a14	Height incl. hood	d01	Heat pump flow	d47	Drain
a20	Width	d02	Heat pump return	d48	Filling
a21	Width incl. thermal insulation	d03	Heat pump flow optional	d50	Expansion vessel
a22	Width excl. thermal insulation	d04	Heat pump return optional	e01	Heating flow
a23	Width excl. side insulation sections	d07	Heat pump heating flow	e02	Heating return
a24	Width incl. hood	d08	Heat pump heating return	e03	Heating flow optional
a30	Depth	d09	Heat pump heating flow optional	e04	Heating return optional
a31	Depth incl. thermal insulation	d10	Heat pump heating return optional	e05	Heating flow low temperature
a32	Depth excl. thermal insulation	d11	Heat pump DHW flow	e06	Heating return low temperature
a33	Depth incl. hood	d12	Heat pump DHW return	e07	Ventilation
a40	Diameter	d13	Heat pump DHW flow optional	e10	Heating flow HP
a41	Diameter incl. thermal insulation	d14	Heat pump DHW return optional	e11	Heating return HP
a42	Diameter excl. thermal insulation	d17	2nd HS flow	e14	Heating flow heat source
a43	Pitch circle diameter of feet	d18	2nd HS return	e15	Heating return heat source
a44	Clearance adjustable feet	d21	Charging station flow	e16	Heating flow heat source low temperature
a45	Feet fixing hole	d22	Charging station return	e17	Heating return heat source low temp
b01	Entry electrical cables	d23	Charging station flow opt.	e18	Flow
b02	Entry electrical cables I	d24	Charging station return opt.	e19	Return
b03	Entry electrical cables II	d25	Solar flow	e20	Flow opt.
b04	Entry electrical cables III	d26	Solar return	e21	Return opt.
b06	Anschluss-Box	d29	Heat exchanger flow	e22	Cylinder flow
b07	Elektrischer Anschluss	d30	Heat exchanger return	e23	Cylinder return
c01	Cold water inlet	d33	Heat source flow	e26	Hydraulic module flow
c02	Cold water inlet optional	d34	Heat source return	e27	Hydraulic module return
c03	Cold water inlet pipe	d35	Heat source flow optional	e30	Heating flow, mixed
c04	Cold water outlet	d36	Heat source return optional	e31	Heating return, mixed
c06	DHW outlet	d37	Heat source DHW flow	f01	Heat source flow
c07	DHW outlet optional	d38	Heat source DHW return	f02	Heat source return
c08	Hot water outlet	d39	DHW flow 2nd heat source	g01	Air intake
c09	DHW circulation wall duct / DHW circulation entry*	d40	DHW return 2nd heat source	g02	Air discharge

g03	Outdoor air	h17	Sensor DHW optional	i08	Electric emergency/booster heater I
g04	Exhaust air	h18	Sensor DHW flow	i09	Electric emergency/booster heater II
g05	Extract air	h19	Sensor DHW return	i10	Electric emergency/booster heater III
g06	Supply air	h22	Sensor heat source	i11	Electric emergency/booster heater opt.
g07	Outdoor air geothermal heat exchanger	h23	Sensor heat source optional	i13	Wall mounting bracket
g09	Outdoor air domestic ventilation opt.	h24	Sensor heat source flow	i14	Wall mounting bracket I
g15	Fresh air	h25	Sensor heat source return	i15	Wall mounting bracket II
g16	Ancillary room cooling	h28	Sensor solar cylinder	i16	Wall spacer
g19	Recirculation air	h29	Sensor solar cylinder optional	i18	Protective anode
g20	Recirculation air intake	h30	Sensor solar cylinder flow	i21	Entry supply line
g21	Recirculation air discharge	h31	Sensor solar cylinder return	i22	Entry condensate hose
g22	Secondary air	h32	Sensor solar collector	i30	Clamping area
g23	Secondary air, intake	h33	Sensor solar collector optional	i32	Fixing
g24	Secondary air, discharge	h34	Sensor solar collector I	i35	Towel holder
g26	Air intake optional	h35	Sensor solar collector II	i37	Temperature controller heat exchanger
g27	Air discharge optional	h36	Sensor solar collector flow	i40	Flue system
g28	Outdoor air optional	h37	Sensor solar collector return	i43	Cover for manufacturing aperture
g29	Exhaust air optional	h40	Thermometer DHW	i44	Kontrollzugang
g30	Extract air optional	h41	Thermometer solar	i45	Revisionsöffnung
g31	Supply air optional	h42	Thermometer heating	i50	Refrigerant suction gas line
g32	Outdoor air geothermal heat exchanger opt	h43	Thermometer	i51	Refrigerant liquid line
h01	Sensor heat pump flow	h46	Temperature indicator	x01	Concrete foundation
h02	Sensor heat pump return	h47	Sensor 2nd heat source	x02	Strip foundation
h03	Sensor heat pump flow optional	h48	Sensor cooling	x03	Block steps
h04	Sensor heat pump return optional	h49	Sensor mixer circuit	x04	Recess screed
h05	Sensor heat pump DHW	h50	Sensor swimming pool water	z01	Connection set heat pump
h06	Sensor heat pump DHW optional	h51	Sensor outside temperature	z02	Stand bracket heat pump
h07	Sensor heat pump DHW flow	h52	Sensor solar cell	z04	Heat pump mounting bracket
h08	Sensor heat pump cooling	h53	Sensor heating	z05	Wall bracket heat pump
h10	Sensor heat source	i01	Flange	z07	Cover heat pump connection
h11	Sensor heat source optional	i02	Flange I	z50	Air hose DN 315
h12	Sensor heat source flow	i03	Flange II	z51	Air hose DN 560
h13	Sensor heat source return	i04	Flange III	z52	Air deflection bonnet
h16	Sensor DHW	i07	Electric emergency/booster heater	z60	External wall duct