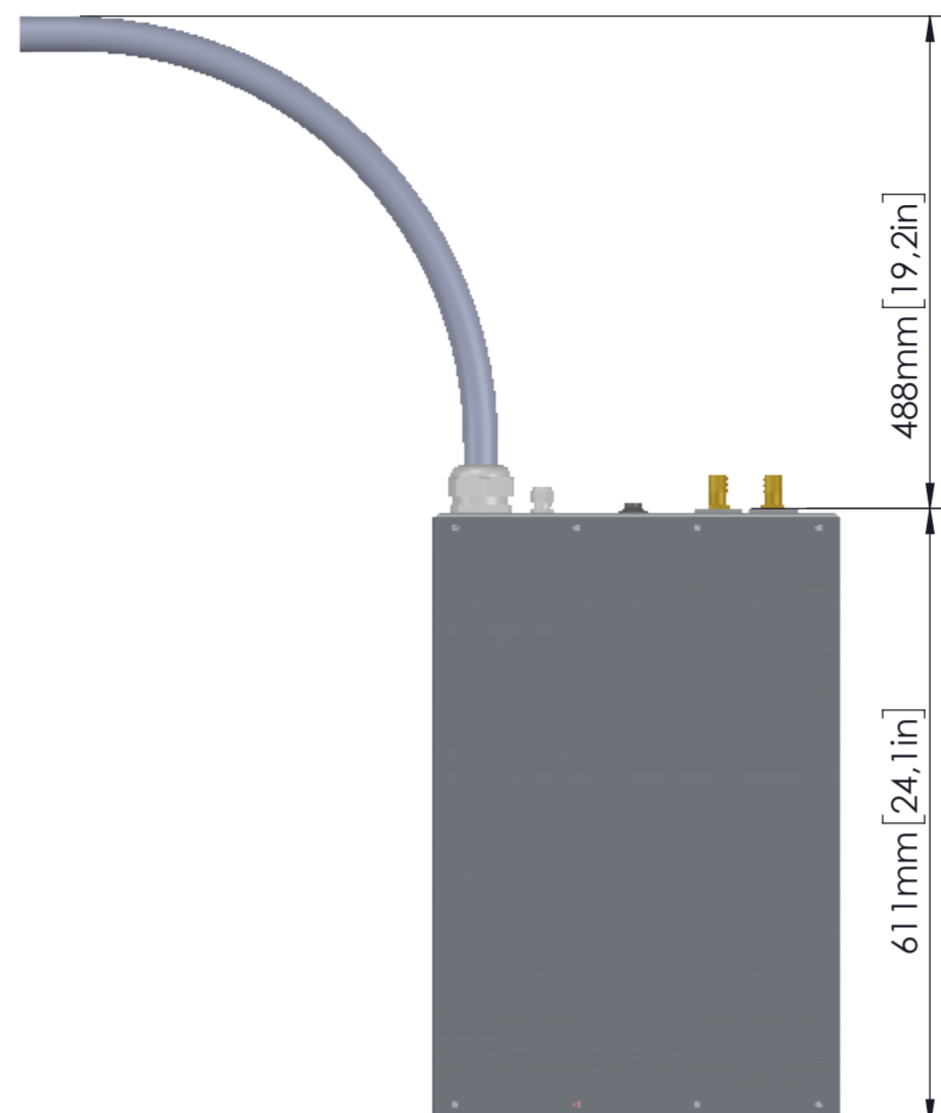
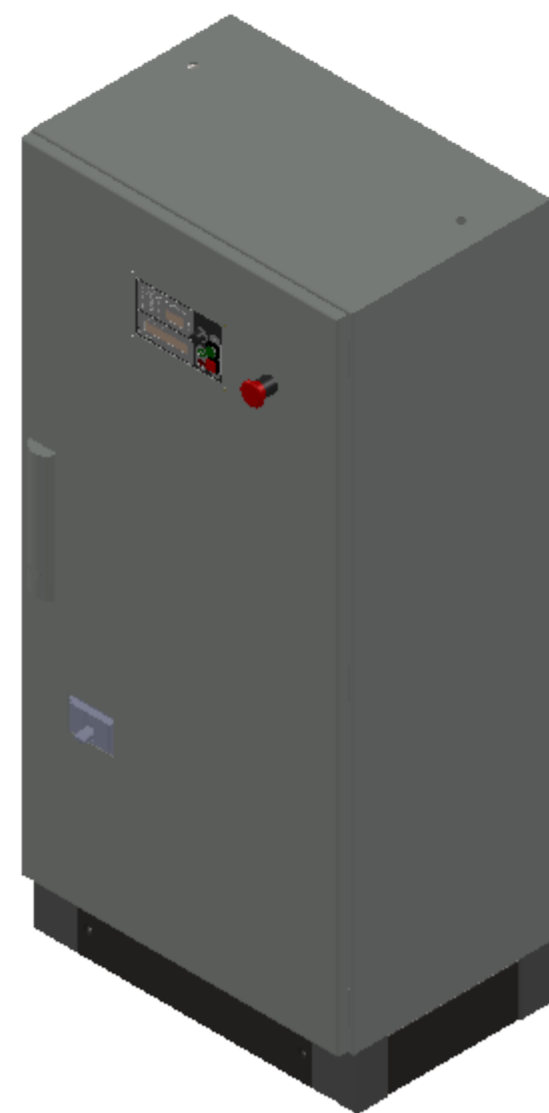
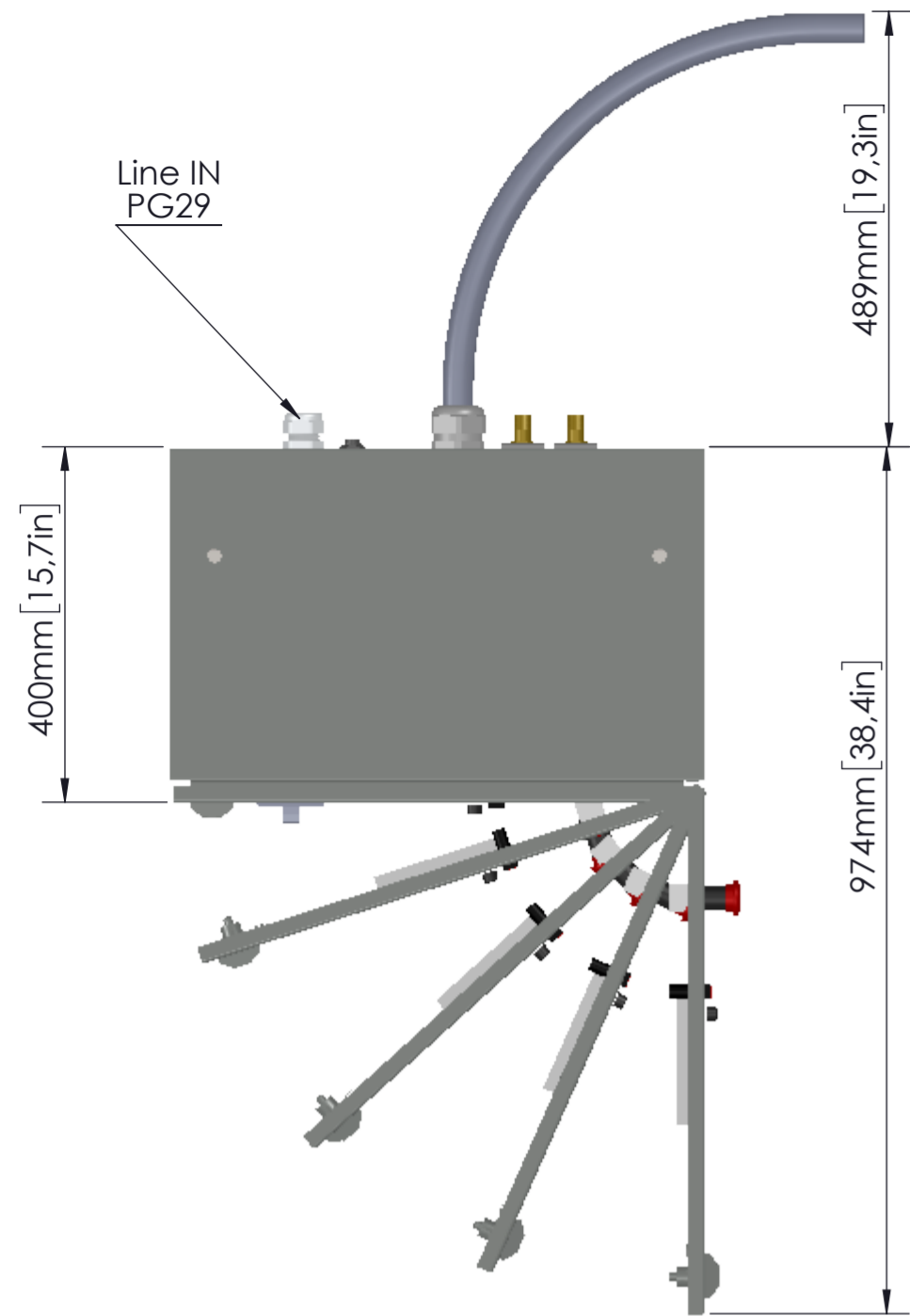


POWER SUPPLY

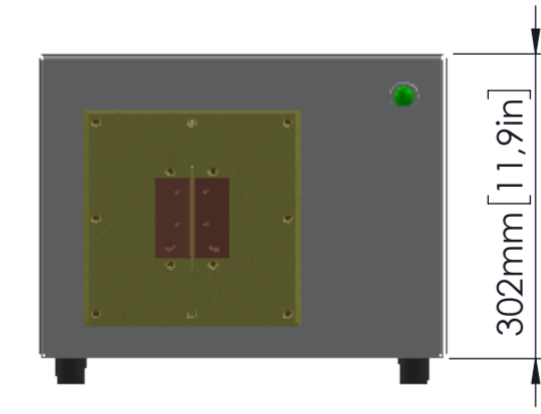
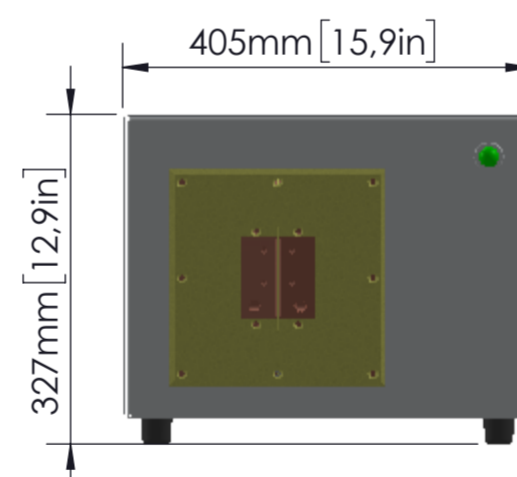
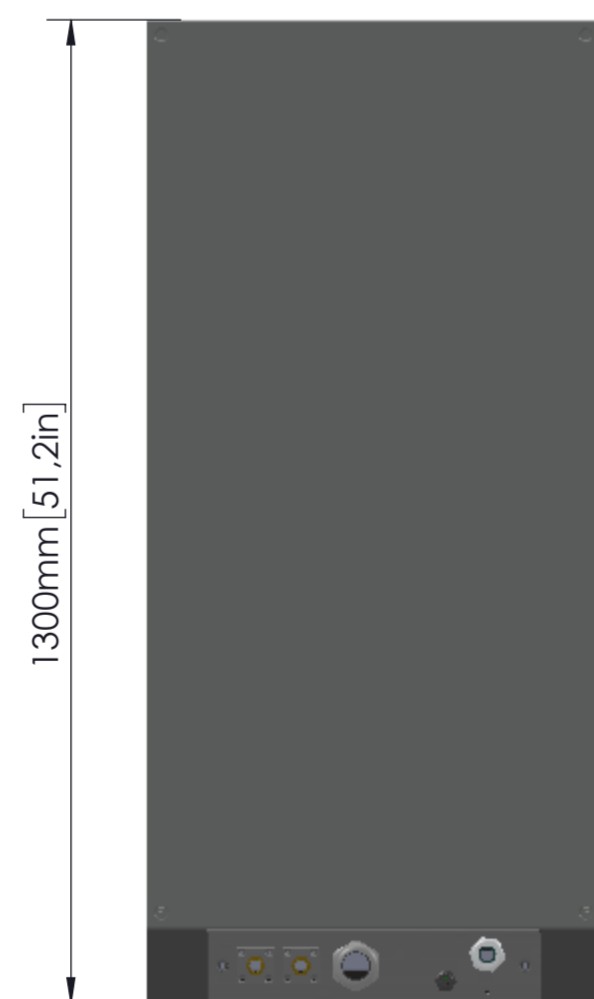
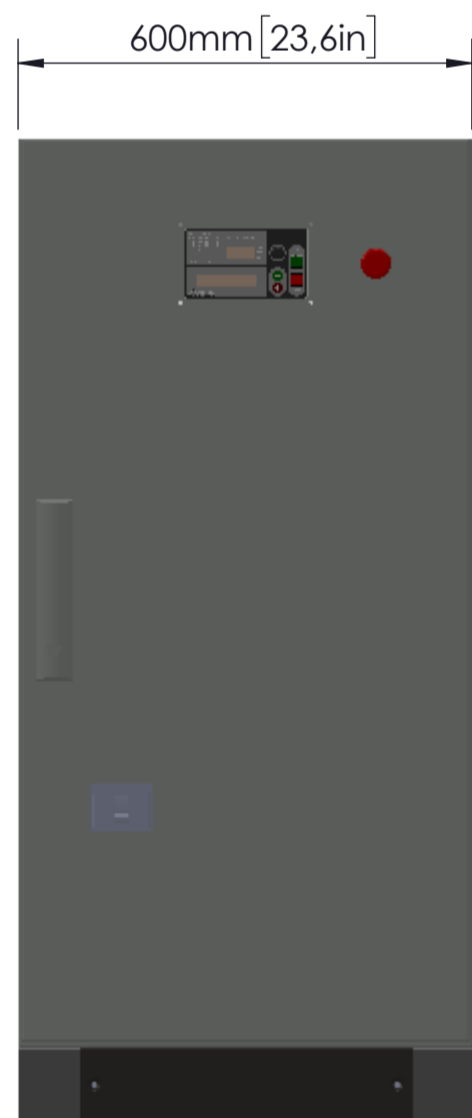
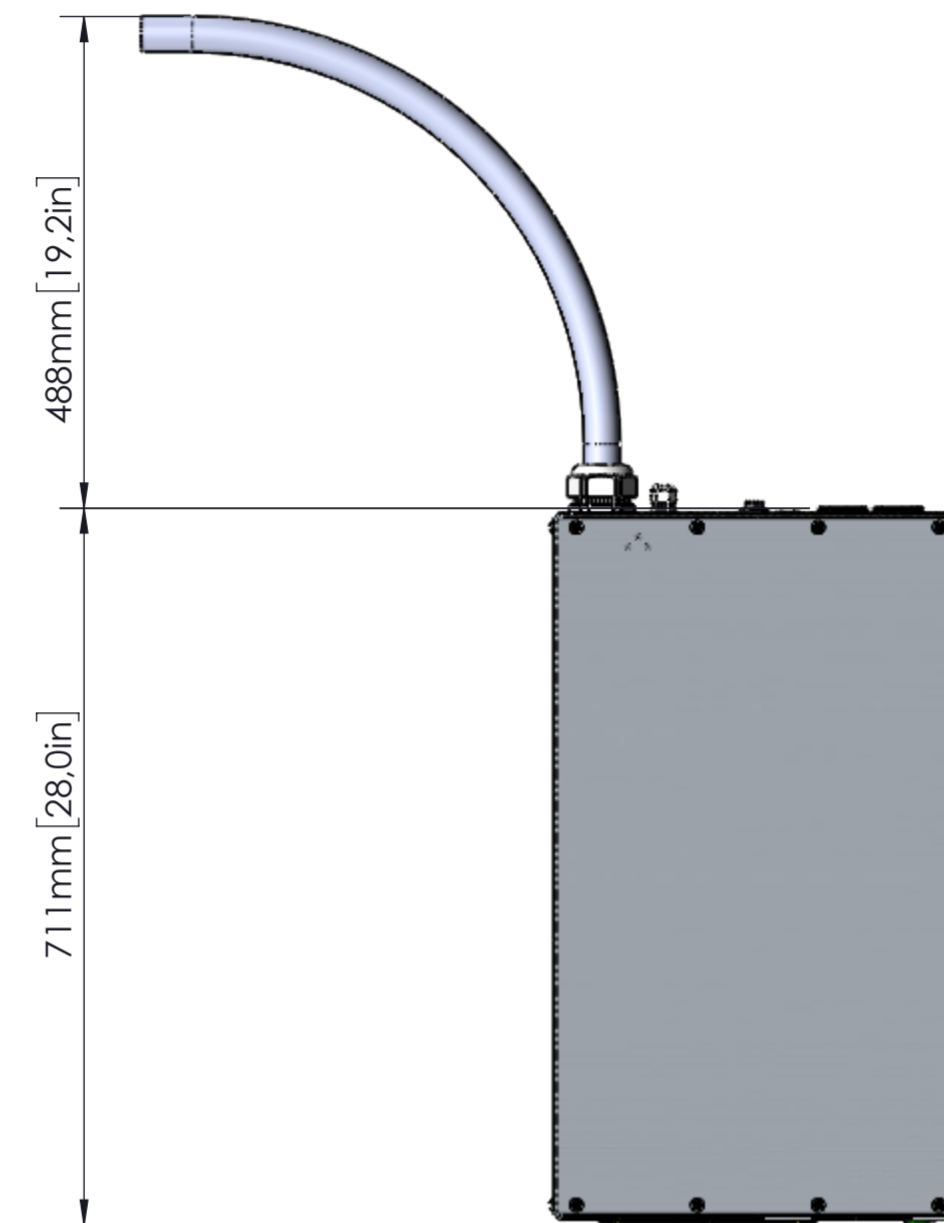
WEIGHT: 225kg [496lbs]

- OUFX-777-100-00 OUFX-M35/150
- OUFX-777-200-00 OUFX-M35/50
- OUFX-777-200-01 OUFX-M35/25
- OUFX-777-300-00 OUFX-M25/150
- OUFX-777-400-00 OUFX-M25/50
- OUFX-777-400-01 OUFX-M25/25

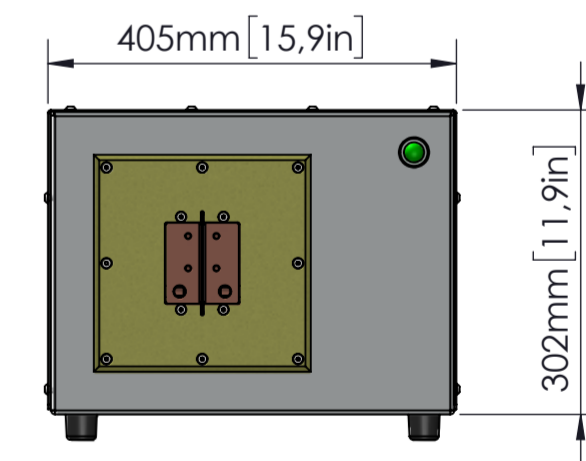


HEAT STATION

WEIGHT: 48kg [106lbs]
 WEIGHT: 58kg [129lbs] HS-35/50LF
 1ACC-777-200-00 HS-35/150
 1ACC-777-220-00 HS-35/150LR
 1ACC-777-250-00 HS-35/50LF



1ACC-777-200(220)-00

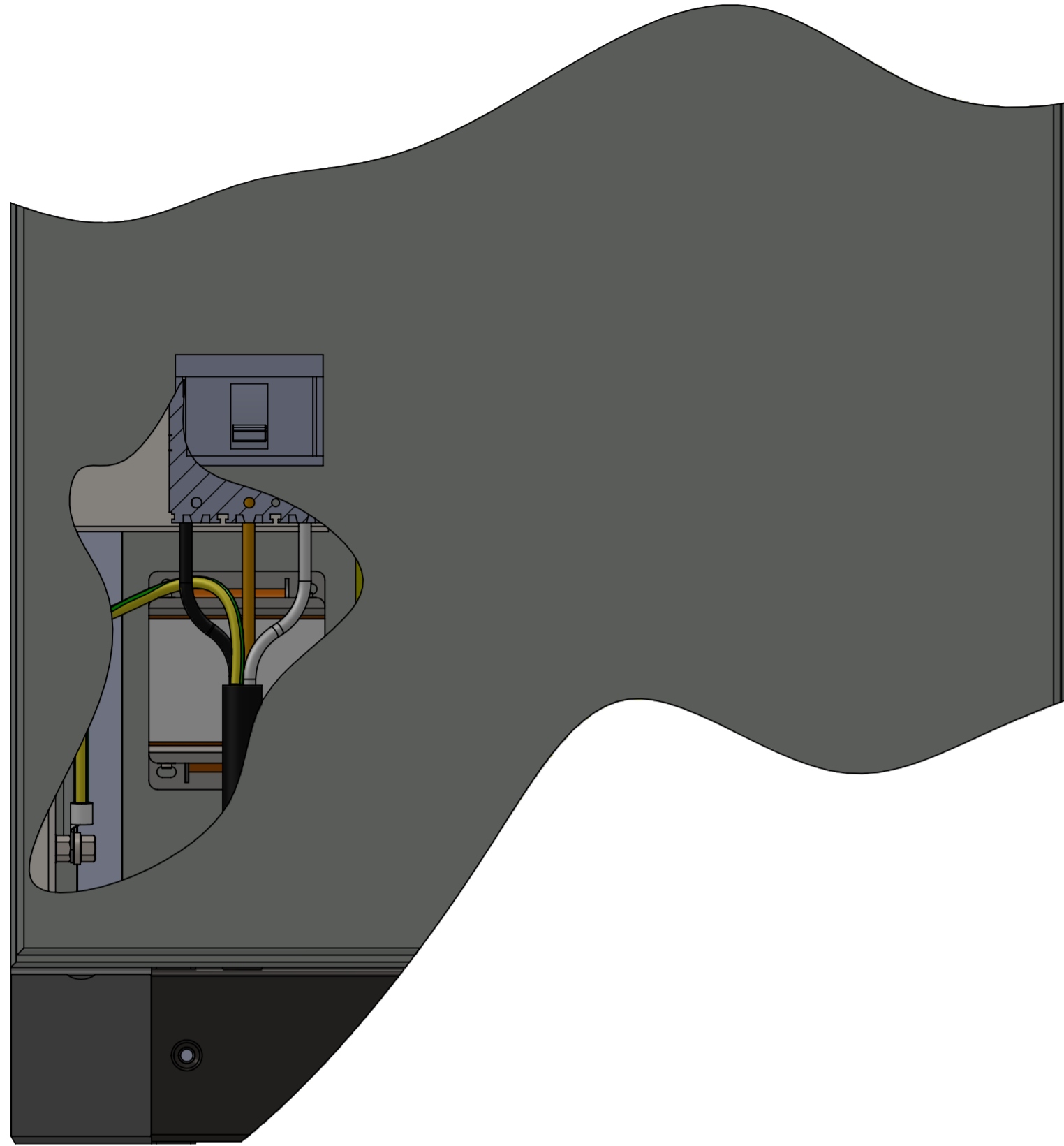


1ACC-777-250-00

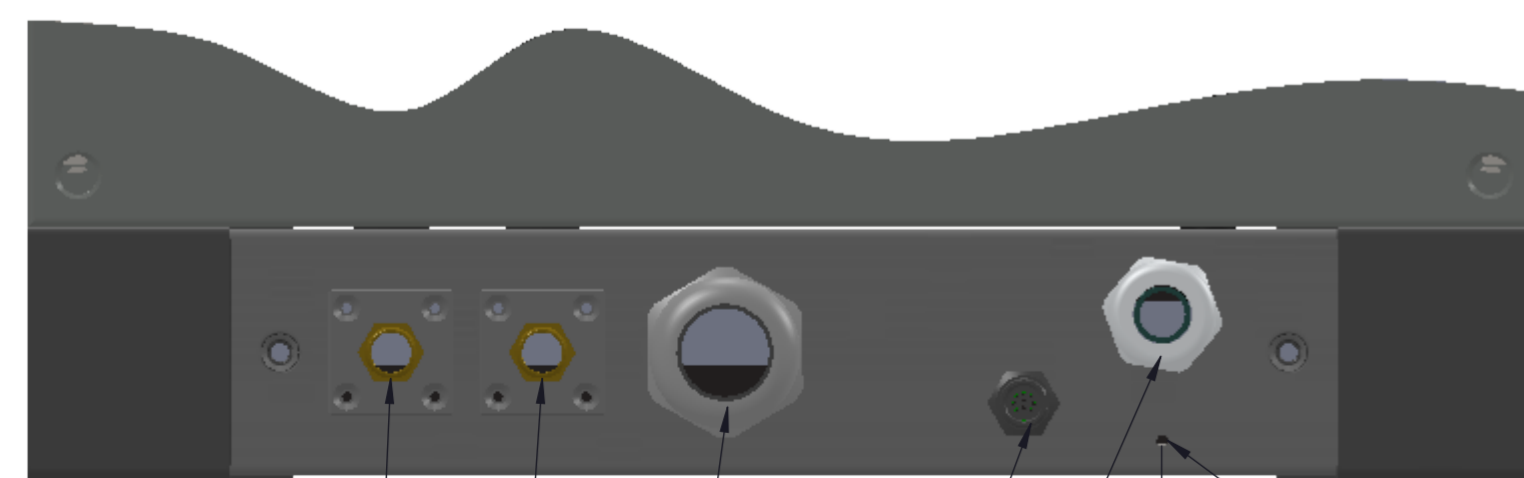
THIS DRAWING IS A QUICK REFERENCE GUIDE FOR UPT SERIES ULTRA HEAT L AND LF SYSTEMS. FOR FURTHER INFORMATION, SEE OPERATION MANUAL OM-OUFX-777-000-00. THIS DRAWING SUBJECT TO CHANGE WITHOUT NOTICE.

COMMENTS: Rev. A00				DIMENSIONS ARE IN MILLIMETERS				Finish/Treatment: ISO 1302-Ra				Tolerances: EN 22768/1.2-mH				0.5-6 ±0.1				6-30 ±0.2				30-120 ±0.3				120-400 ±0.5				400-1000 ±0.8			
				SURFACE FINISH:				Part No																											
DESCRIPTION:																																			
OUTLINE & INSTALLATION DRAWING																																			
1		Rev A00		17.8.2016 r.																															
		NAME		SIGNATURE		DATE																													
DRAWN		HZF				17.8.2016 r.																													
CHK'D						17.8.2016 r.																													
APP'VD																																			
Q.A						17.8.2016 r.																													
MATERIAL:												SCALE:1:20												WEIGHT: g				Size A2							
UltraFlex												SHEET 1 OF 3																							

POWER SUPPLY FRONT DOOR MAIN CIRCUIT BREAKER



POWER SUPPLY REAR VIEW



WATER OUTLET
G1/2 (BSPP) 1/2"

WATER INLET
G1/2 (BSPP) 1/2"

RF POWER PG-42
TO HEAT STATION

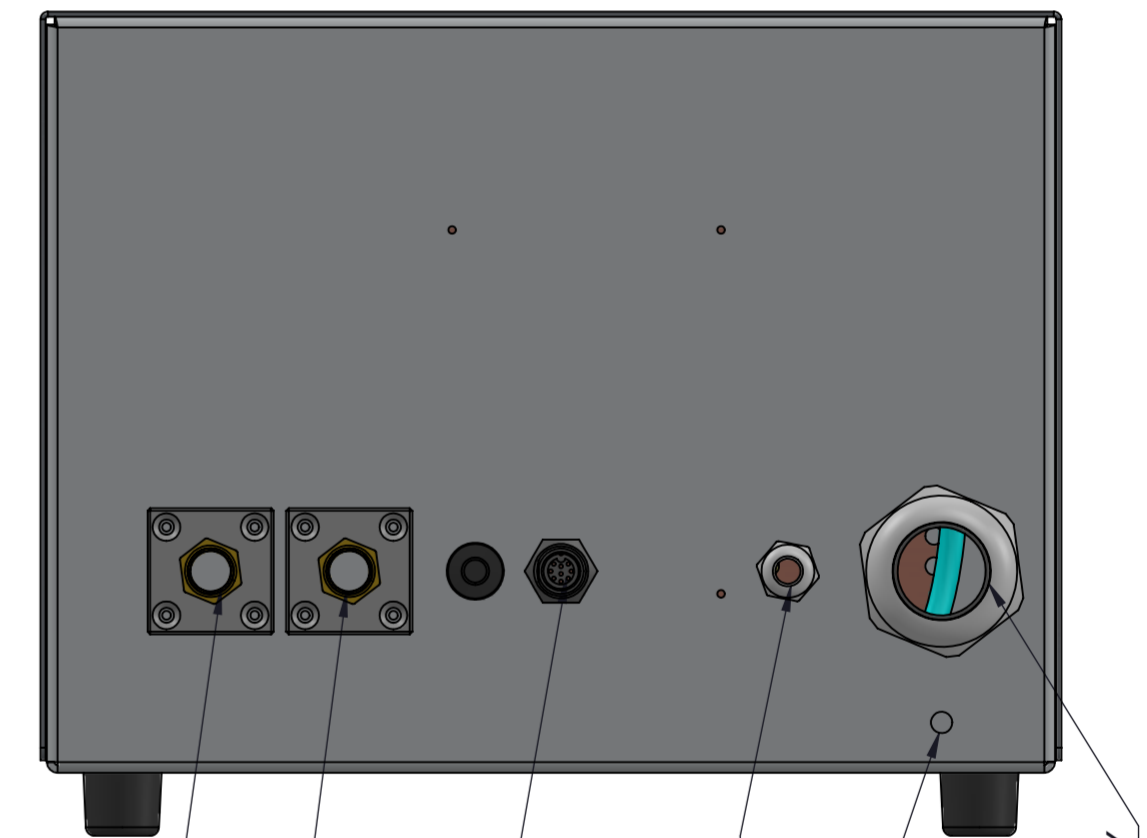
COMMUNICATIONS
HS INTERFACE

LINE IN PG29

EARTH GROUND
TO HEAT STATION

ELECTRICAL AND COOLING						
SPECIFICATION	M35/150	M35/50	M35/20	M25/50	M25/25	REMARKS
AC VOLATAGE	380-480VAC 3 PHASE					±10%
LINE FREQUENCY	50/60 Hz					
INPUT MAXIMUM CURRENT	64 A (RMS)	64 A (RMS)	64 A (RMS)	46 A (RMS)	46 A (RMS)	@3 X 380VAC ±10%
INPUT MAXIMUM POWER	38 kVA	38 kVA	38 kVA	27 kVA	27 kVA	
MINIMUM EFFICIENCY	90%					AT FULL LOAD
POWER SUPPLY COOLING	12 lpm [3.2 gpm]					INLET MAX TEMP 95°F (35°C)
HEAT STATION COOLING	8 lpm [2.1 gpm]					INLET MAX TEMP 95°F (35°C)
ADDITIONAL COIL COOLING	APPLICATION DEPENDANT					CONSULT UPT FOR GUIDANCE

HEAT STATION REAR VIEW



WATER OUTLET
G(PSP) 1/2

WATER INLET
G(PSP) 1/2

COMMUNICATION
TO POWER SUPPLY

EXTERNAL CTRL PG-11

EARTH GROUND
FROM POWER SUPPLY

RF PWR 2 X PG-42
FROM POWER SUPPLY

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COMMENTS: Rev. A00

DIMENSIONS ARE IN MILLIMETERS

Finish/Treatment: ISO 1302-Ra

Tolerances: EN 22768/1.2-mH

Part No

DESCRIPTION:
OUTLINE & INSTALLATION DRAWING

1	Rev A00	17.8.2016 r.
	NAME	SIGNATURE
	DATE	

DRAWN: HZF

CHK'D: 17.8.2016 r.

APP'VD: 17.8.2016 r.

Q.A: 17.8.2016 r.

MATERIAL:

Weight: g

Size: A2

SCALE: 1:20

SHEET 2 OF 3

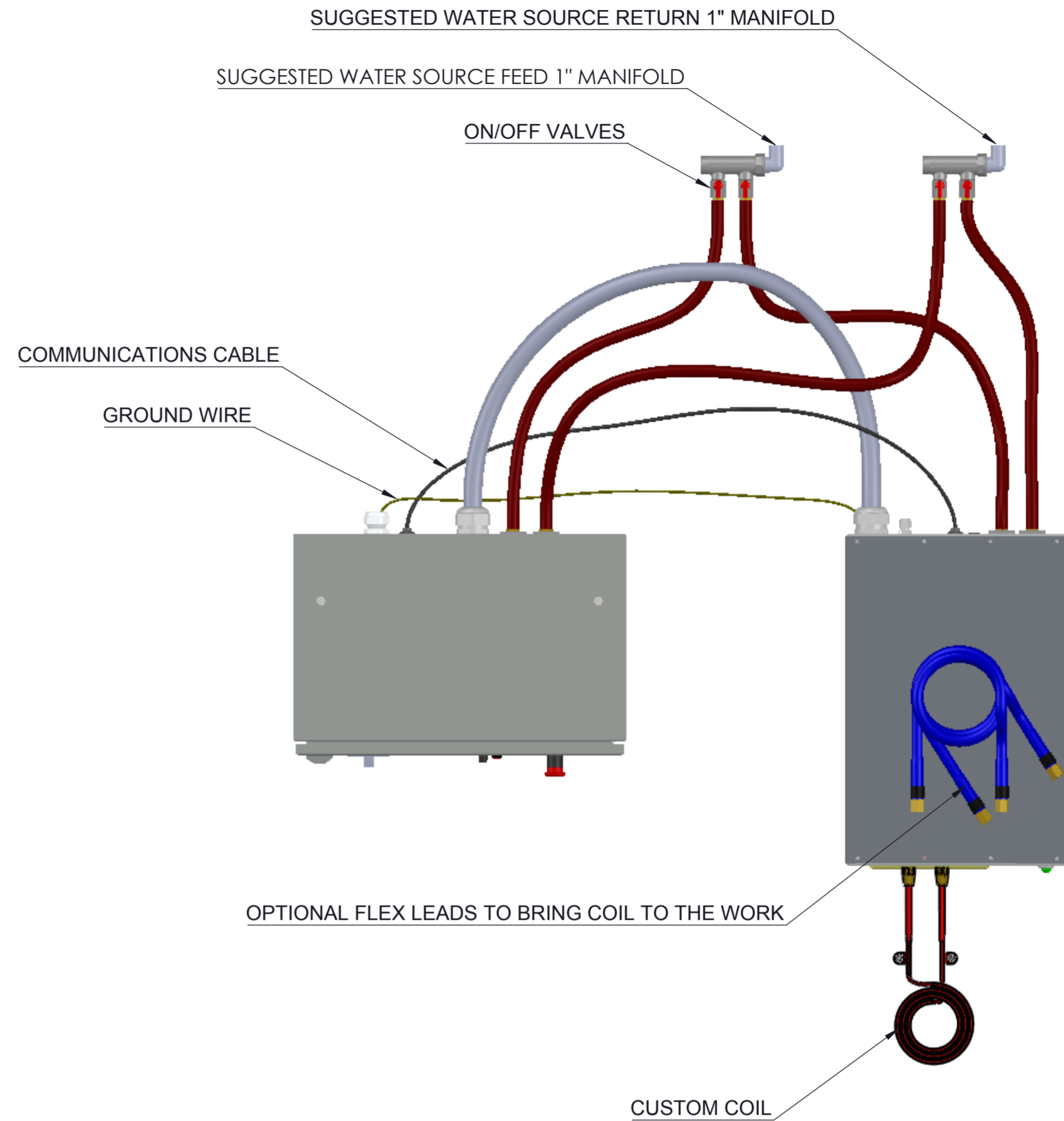
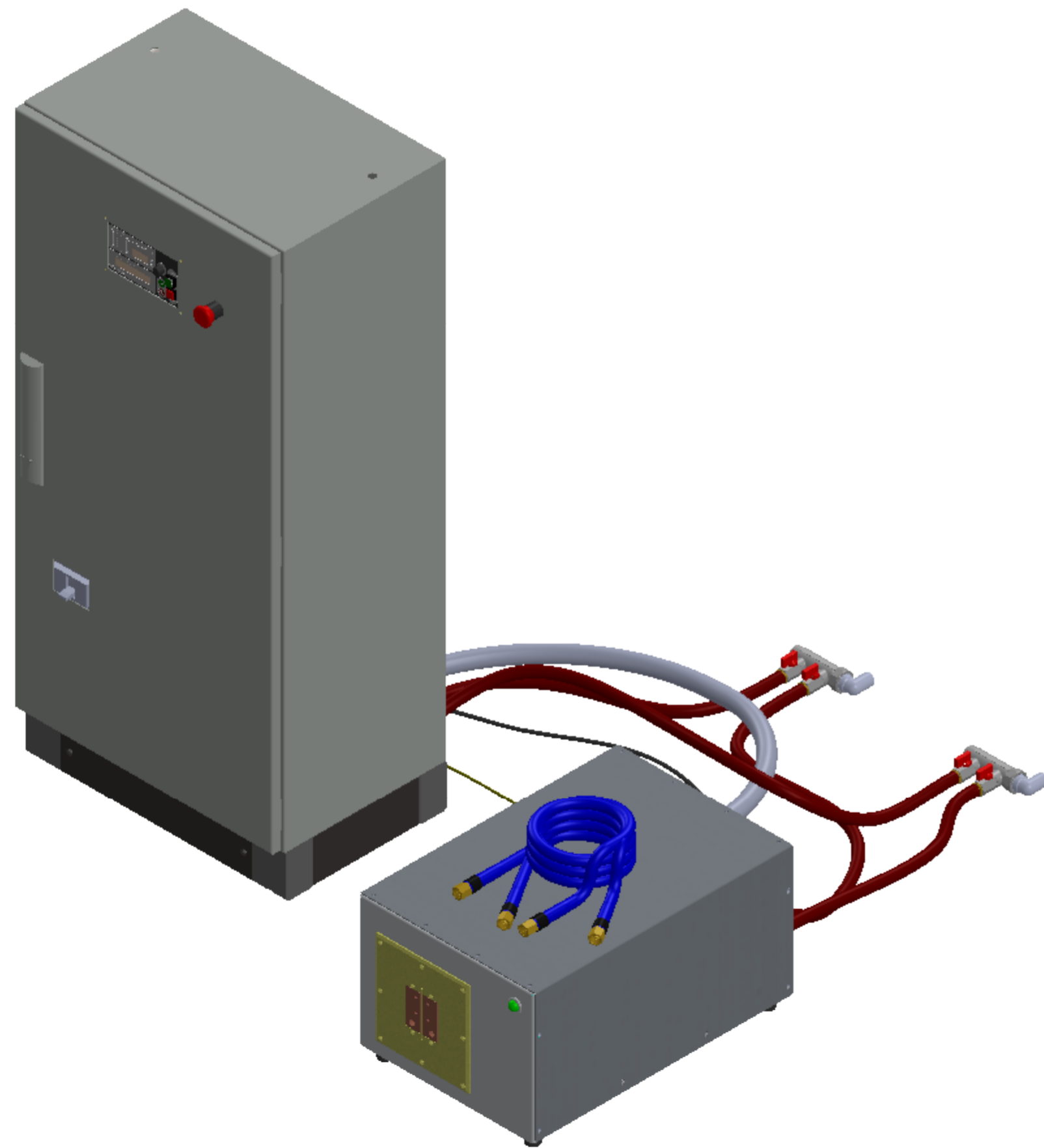
The following are recommendations for water quality for use with UPT induction Systems to ensure a long service life of the equipment.

As many as 80% of problems with Induction Heating equipment can be traced to water related issues, so maintaining the water system is critical to ensure high reliability. Failure to meet these water guidelines can void the warranty of the equipment. Ultraflex Power Technologies recommends the use of isolated water loops for our Induction Heating equipment. Use of plant water directly in our products can void the warranty. Water to Air, Chillers, and Water to Water systems are available from UPT, please contact your sales associate for more details. Use clean distilled water, if possible. The following are the recommended water quality specifications:

CLASSIFICATION	RECOMMENDED	MAXIMUM
TOTAL HARDNESS (CaCO3)	15 PPM	100 PPM
TOTAL DISSOLVED SOLIDS	25 PPM	200 PPM
CONDUCTIVITY	20-50 MICRO-OHM / CM	<20, >50 MICRO-OHM / CM
SUSPENDED SOLIDS	0-9 PPM	10 PPM
PH **	7.0-7.5	<7.0, >7.5

Water conductivity that is too low (e.g. De-ionized Water) is not recommended.
 ** If the pH falls below 4.0 or rises above 9.0, the system should not be used and a system flush/fill should take place as soon as possible.

RECOMMENDED PLUMBING OVERVIEW



HOSES, VALVES AND MANIFOLDS NOT INCLUDED.
 OPTIONAL PLUMBING KITS CAN BE ORDERD UPON REQUEST

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COMMENTS: Rev. A00				DIMENSIONS ARE IN MILLIMETERS		Finish/Treatment	Tolerances	0.5-6	6-30	30-120	120-400	400-1000
				SURFACE FINISH:		ISO 1302-Ra	EN 22768/1.2-mH	±0.1	±0.2	±0.3	±0.5	±0.8
						Part No						
						OID-0UFX-777-000-00						
						DESCRIPTION:						
						OUTLINE & INSTALLATION DRAWING						
1	Rev A00		17.8.2016 r.									Size
	NAME	SIGNATURE	DATE									A2
DRAWN HZF												MATERIAL:
CHK'D												WBGHT: g
APP'VD												SCALE:1:20
Q.A												SHEET 3 OF 3

