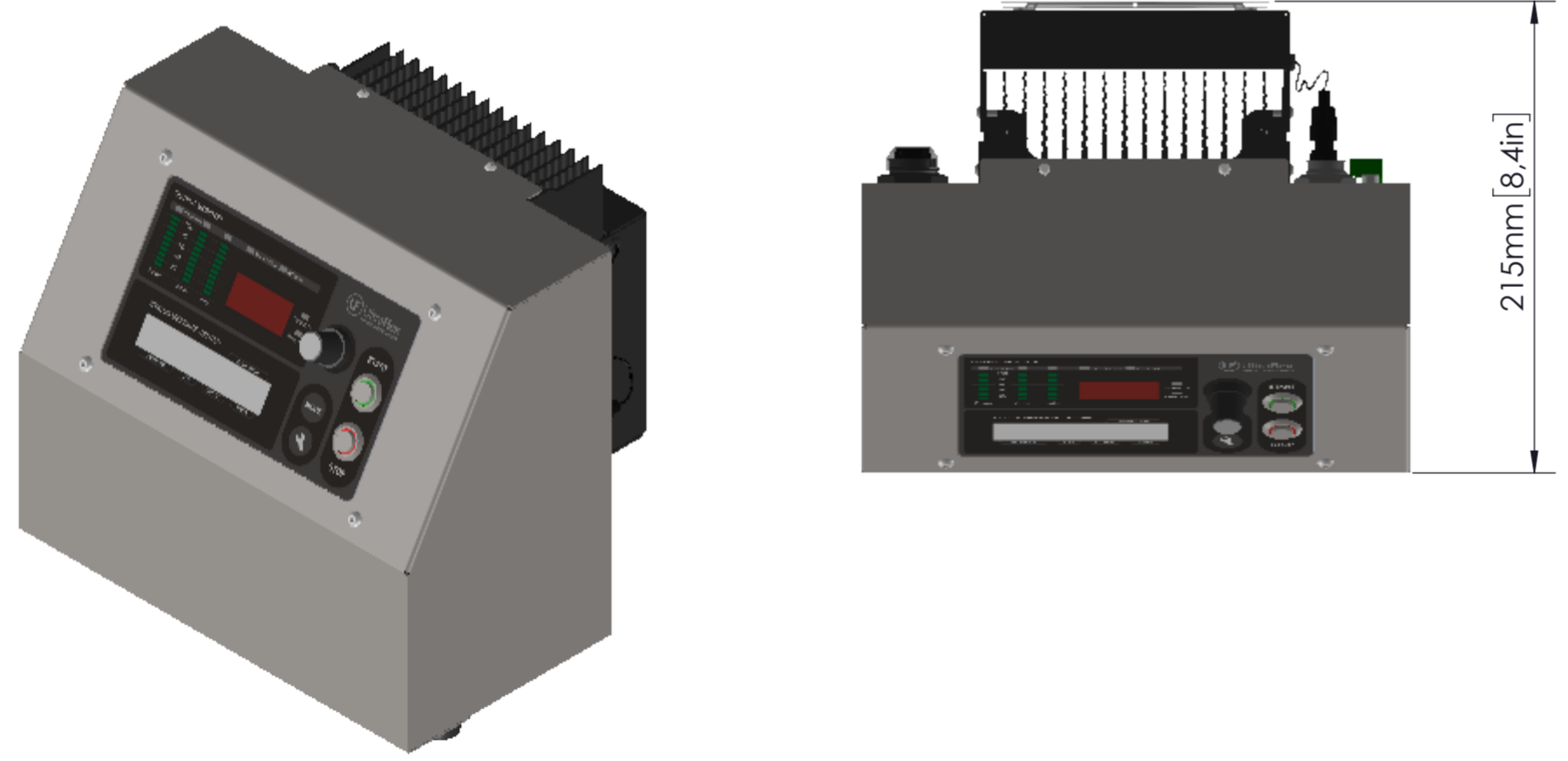
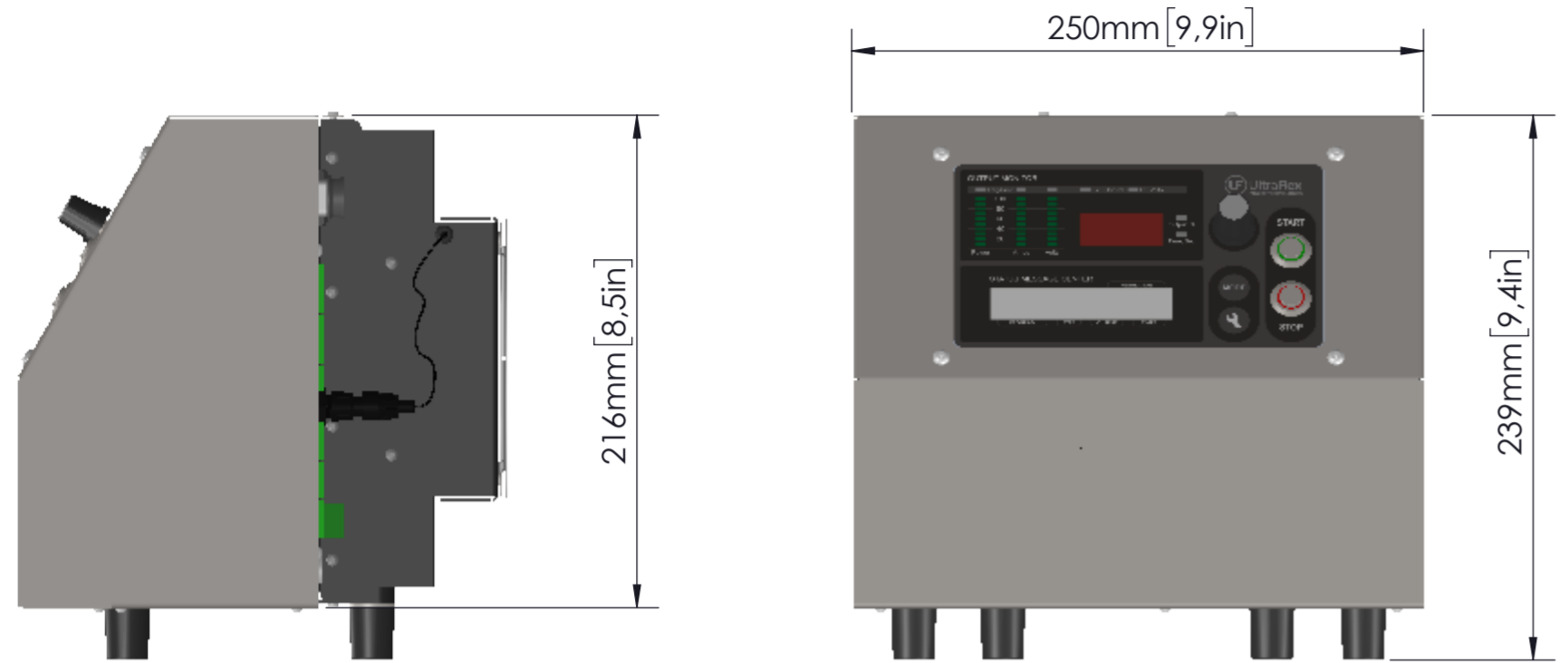


POWER SUPPLY

WEIGHT: 5kg [11lbs]

OUPT-030-230-00 SM-2/200



HEAT STATION

WEIGHT: 4kg [8.7lbs] HS-5W

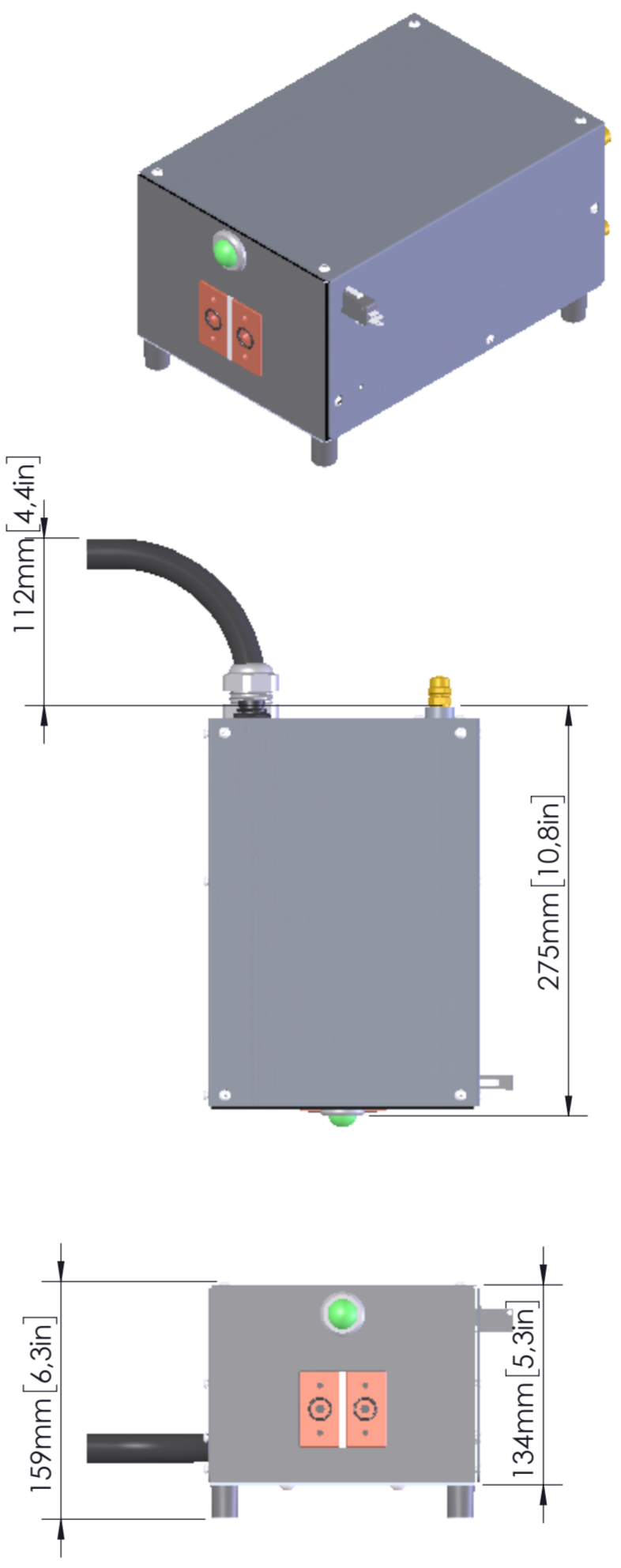
WEIGHT: 4kg [8.7lbs] HS-4W

WEIGHT: 6kg [13 lbs] HS-4AN

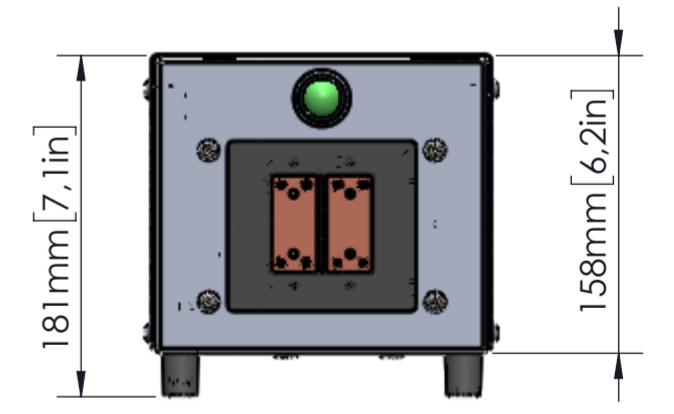
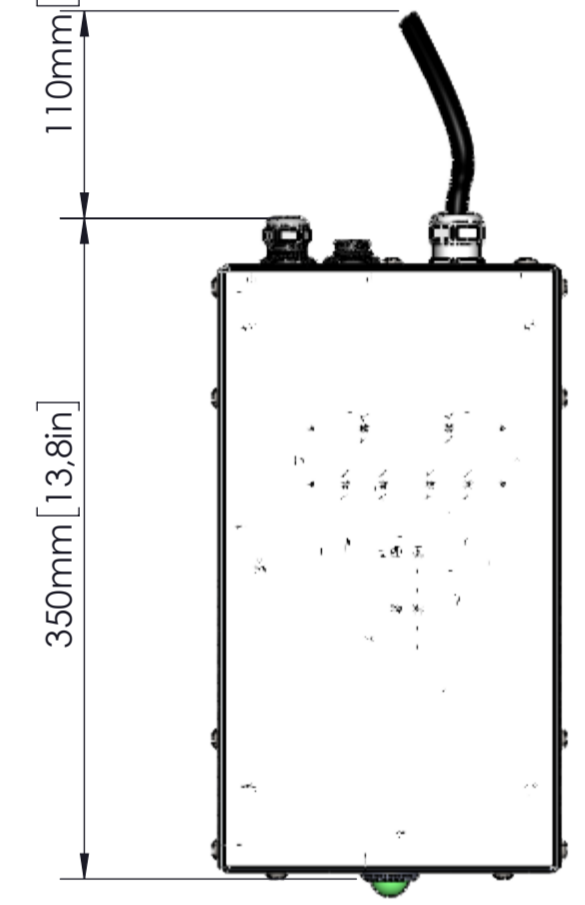
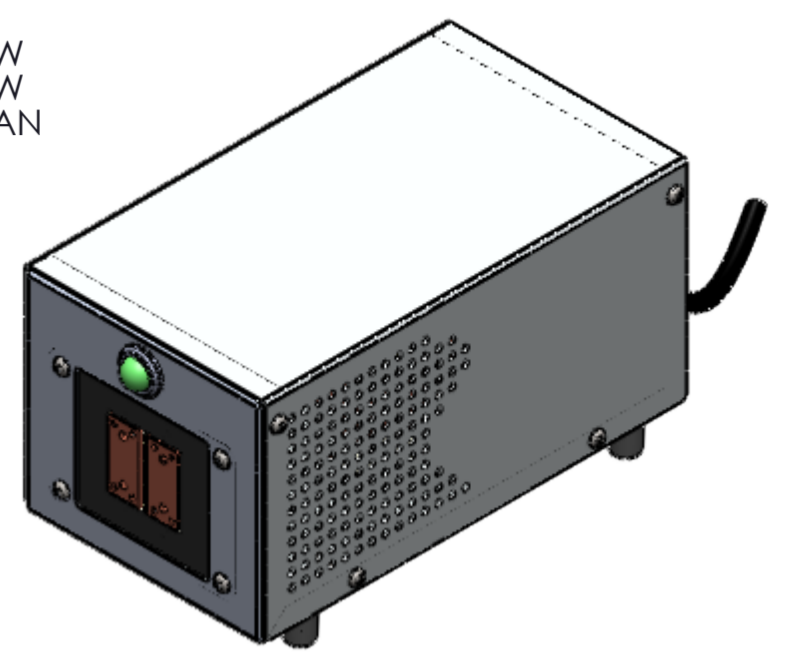
1ACC-030-150-00 HS-5W

1ACC-030-160-00 HS-4W

1ACC-030-200-00 HS-4AN



1ACC-030-150-00 HS-5W
1ACC-030-160-00 HS-4W

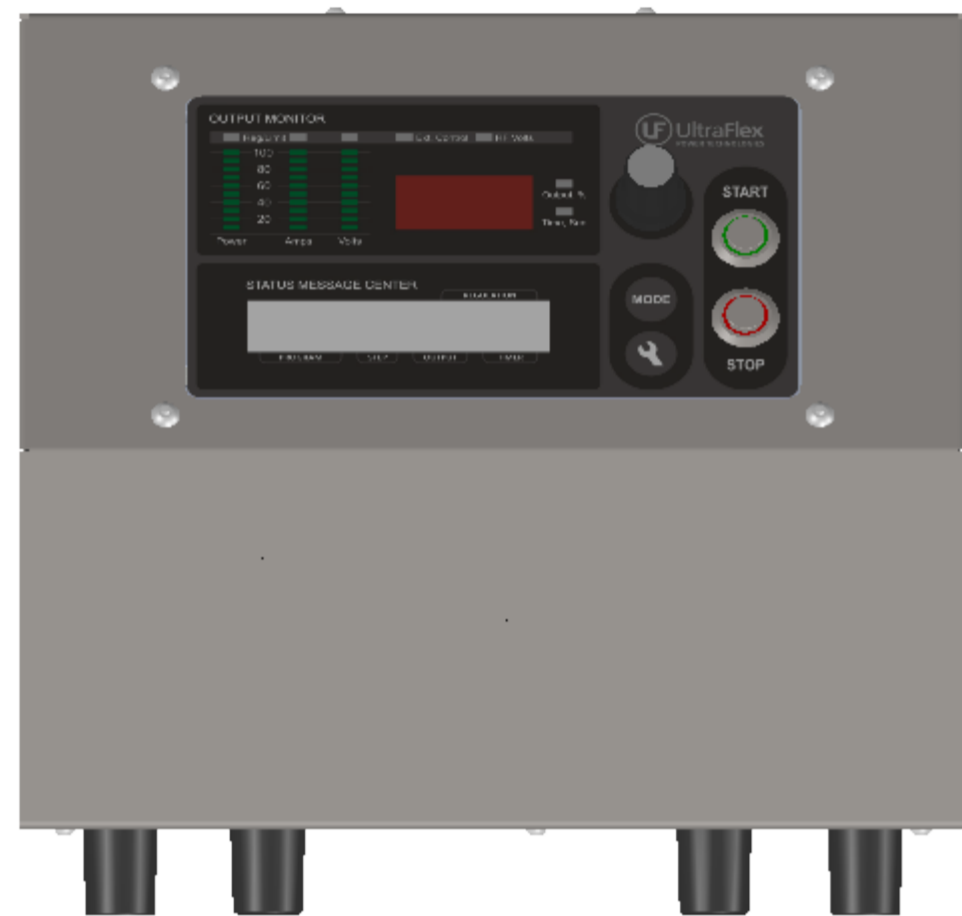


1ACC-030-200-00 HS-4AN

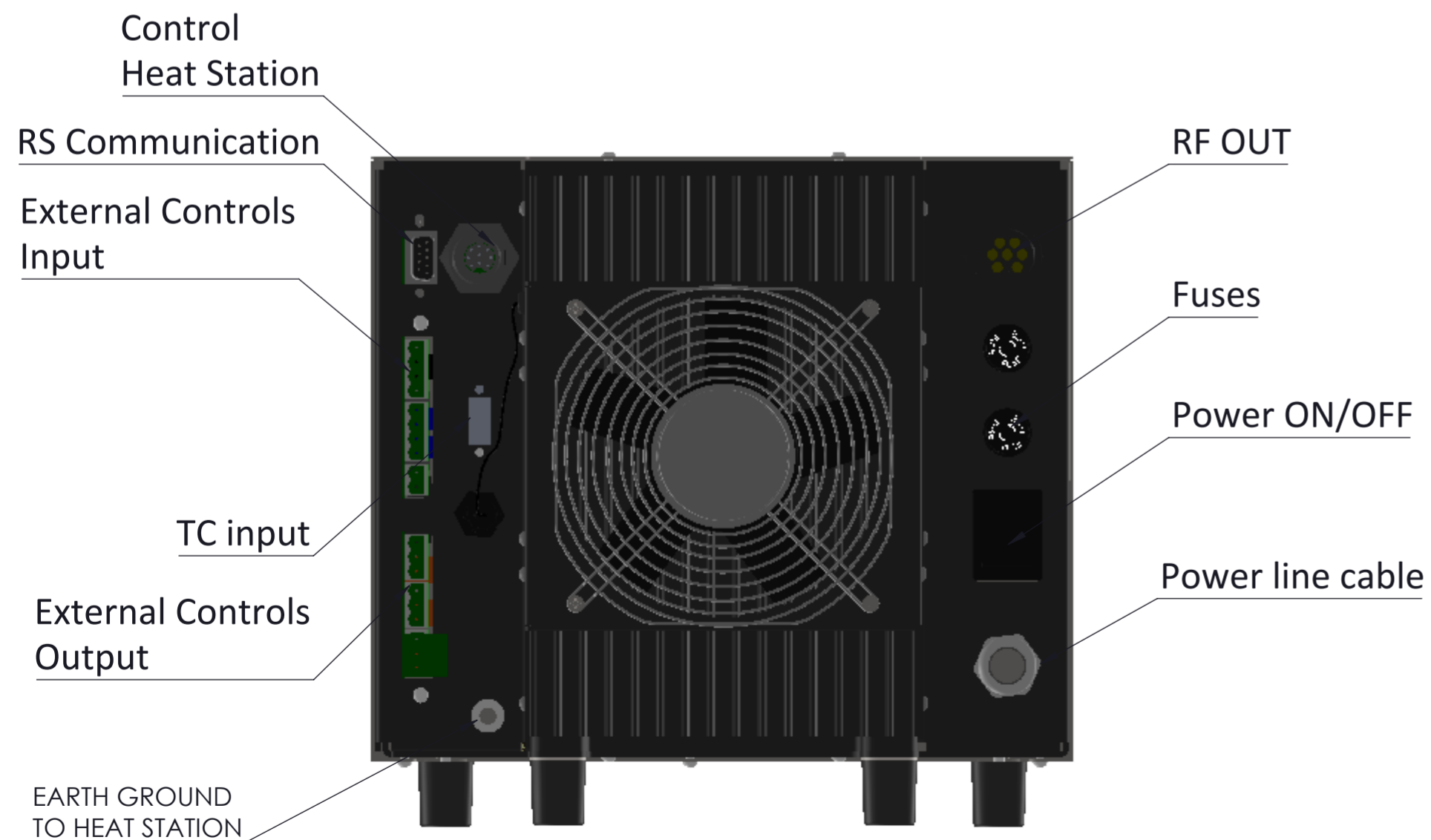
THIS DRAWING IS A QUICK REFERENCE GUIDE FOR INDUCTION HEATING SYSTEMS. FOR FURTHER INFORMATION, SEE OPERATION MANUAL OM-OUPT-030-230-00. THIS DRAWING SUBJECT TO CHANGE WITHOUT NOTICE.

COMMENTS: 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-OUPT-030-230-00						
						DESCRIPTION:						
						OUTLINE & INSTALLATION DRAWING						
1	Rev A00		2.12.2016	r.								Size
	NAME	SIGNATURE	DATE									A2
DRAWN HZF												MATERIAL:
CHK'D												WEIGHT: 6.81 g
APP'VD												SCALE: 1:5
Q.A.												SHEET 1 OF 3



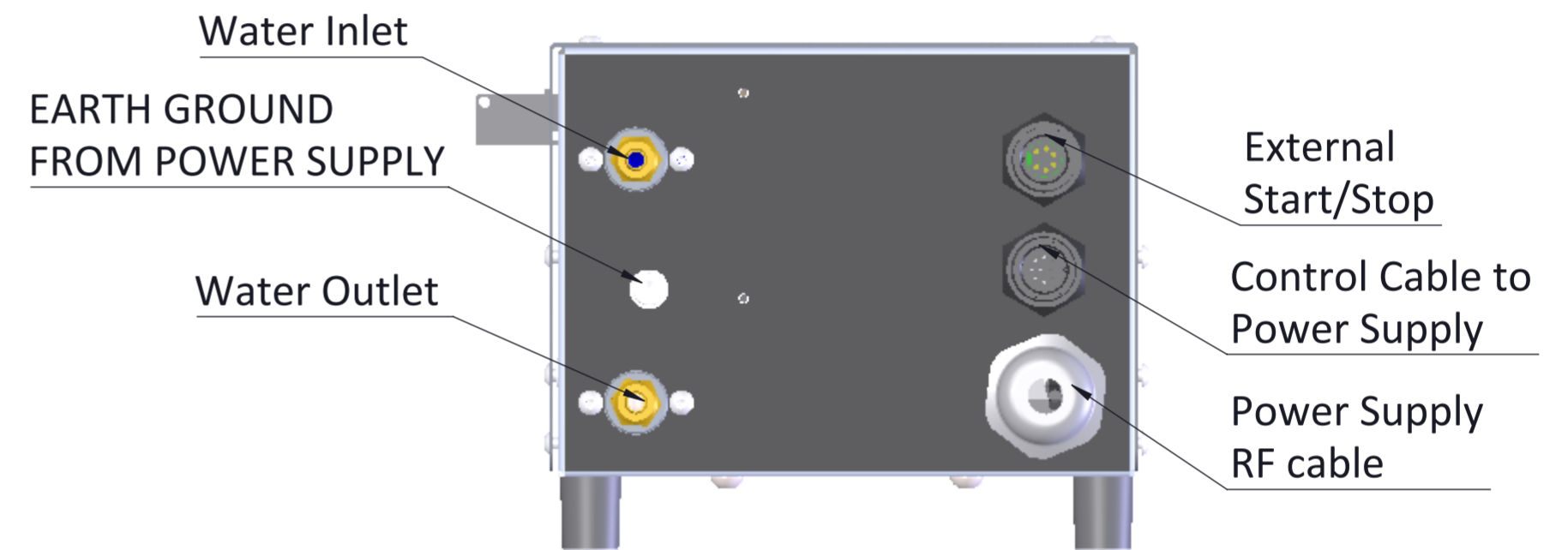


POWER SUPPLY SM-2/200

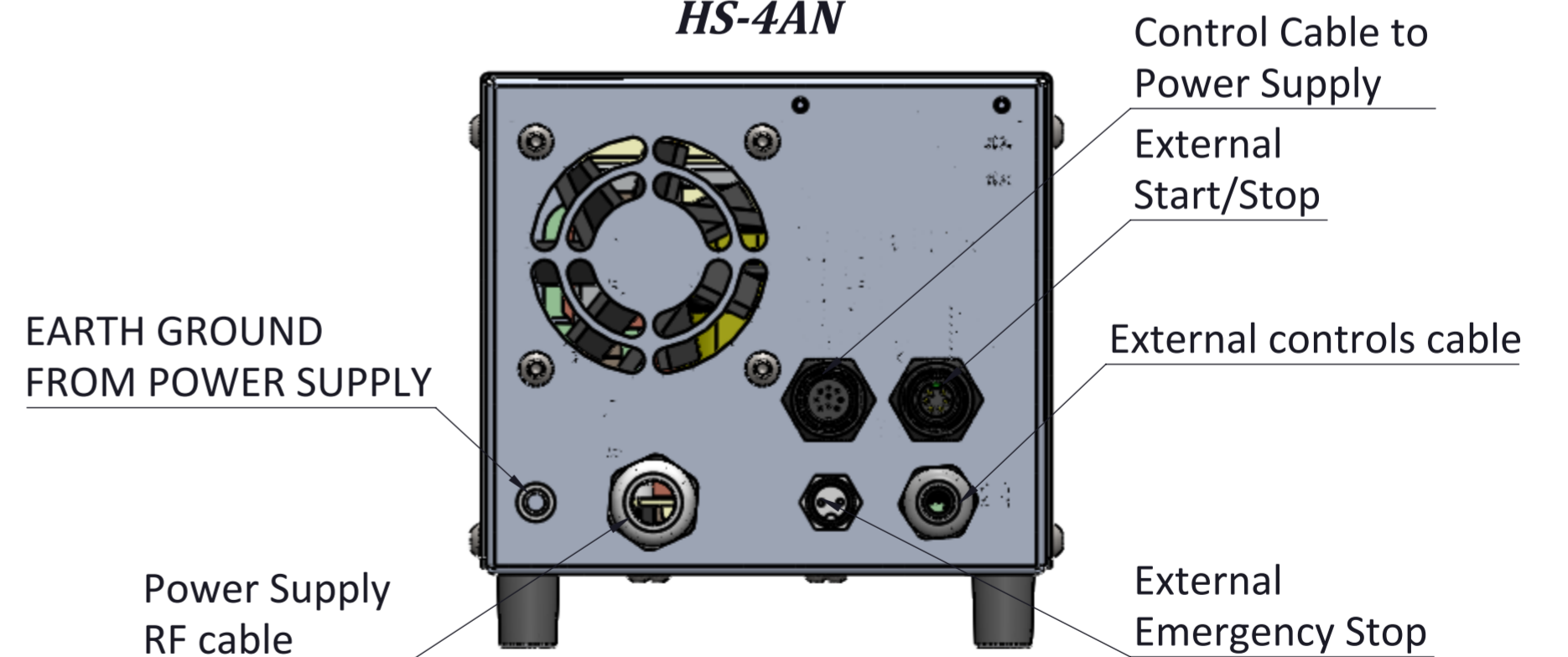


HEAT STATIONS REAR VIEW

HS-4W HS-5W



HS-4AN



ELECTRICAL AND COOLING		
SPECIFICATION	SM-2/200	REMARKS
AC VOLATAGE	230VAC 1 PHASE	± 10%
LINE FREQUENCY	50/60 Hz	
INPUT MAXIMUM CURRENT	14 A	@230VAC ±10%
INPUT MAXIMUM POWER	2.9 kVA	@230VAC ±10%
MINIMUM EFFICIENCY	88%	FULL LOAD
POWER SUPPLY COOLING	AIR cooled	Fan vents
HEAT STATION COOLING	2 lpm [0.5 gpm]/AIR cooled	INLET MAX TEMP 95°F (35°C)/Fan vents 3 Bar minimum differential pressure 6 Bar maximum input pressure
ADDITIONAL COIL COOLING	APPLICATION DEPENDANT	CONSULT UPT FOR GUIDANCE

COMMENTS: 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-OUPT-030-230-00						
				DESCRIPTION: OUTLINE & INSTALLATION DRAWING						
1	Rev A00		2.12.2016 f.							
	NAME	SIGNATURE	DATE							
DRAWN	HZF		2.12.2016 f.							
CHK'D			2.12.2016 f.							
APP'VD										
Q.A			2.12.2016 f.							
				MATERIAL:		WEIGHT: 6.81 g		Size A2		
				SCALE:1:5		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.

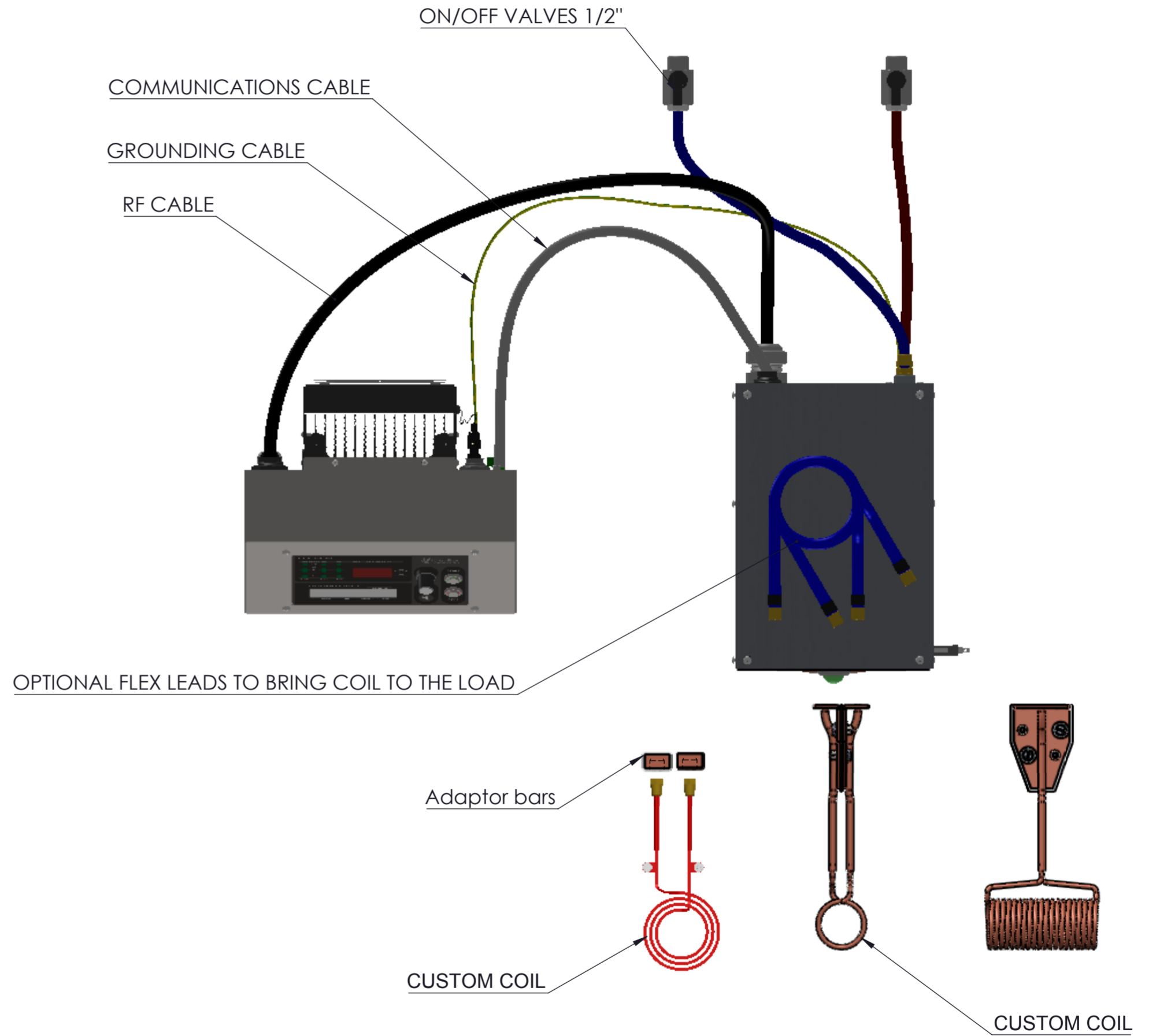
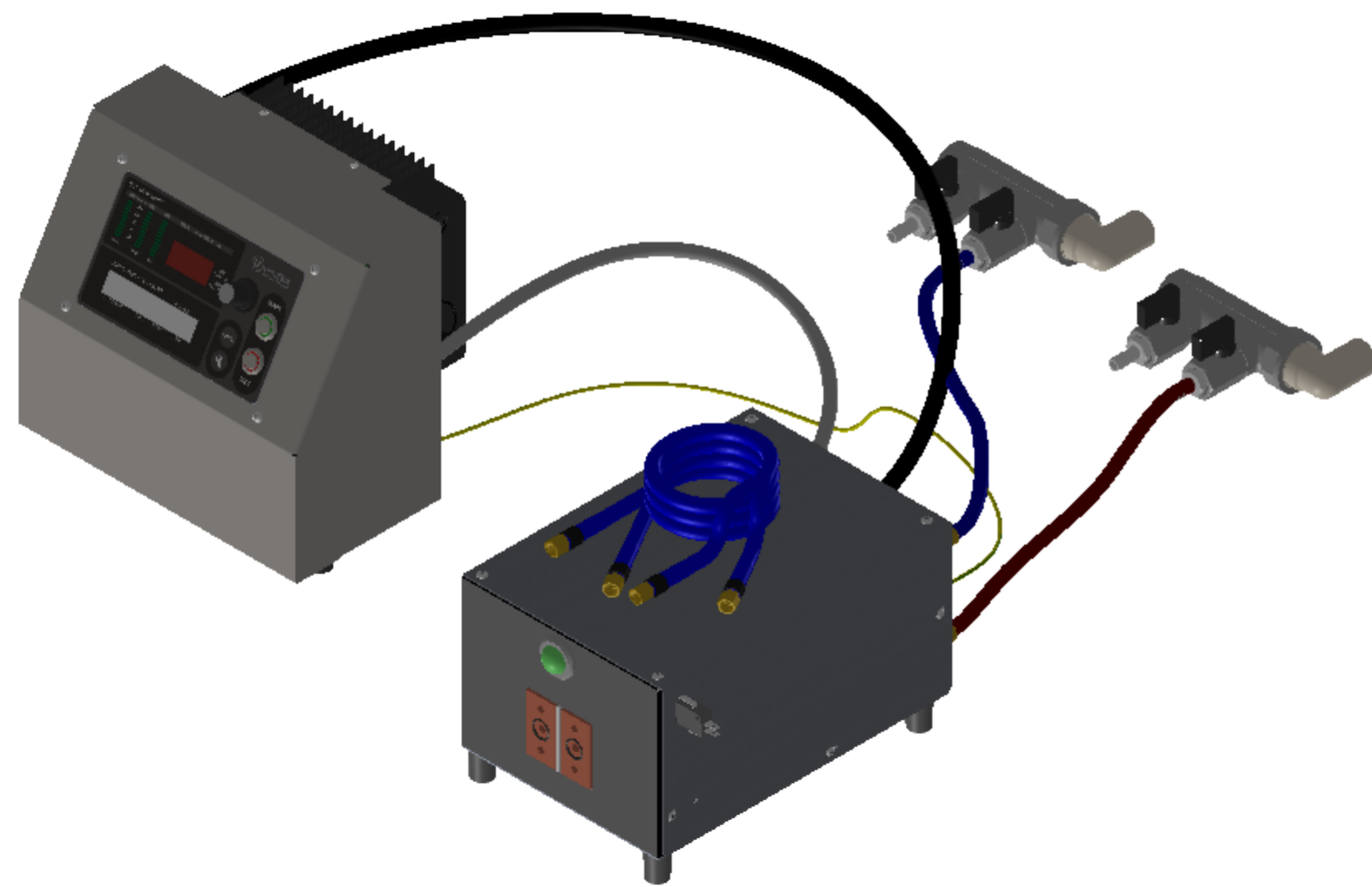
As many as 80% of problems with Induction Heating equipment can be traced to water related issues, so maintaining the water system is critical to ensure high reliability. Failure to meet these water guidelines can void the warranty of the equipment. Ultraflex Power Technologies recommends the use of 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

For **HS-4AN** NOT needed water cooling



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

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COMMENTS: 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 OID-0UPT-030-230-00								
						DESCRIPTION: OUTLINE & INSTALLATION DRAWING								
1	Rev A00		2.12.2016 r.											
	NAME	SIGNATURE	DATE											
	DRAWN HZF		2.12.2016 r.											
	CHK'D		2.12.2016 r.											
	APP'VD													
	Q.A		2.12.2016 r.											
				MATERIAL:		WEIGHT: 6.81 g		Size A2						
				SCALE: 1:20		SHEET 3 OF 3								

