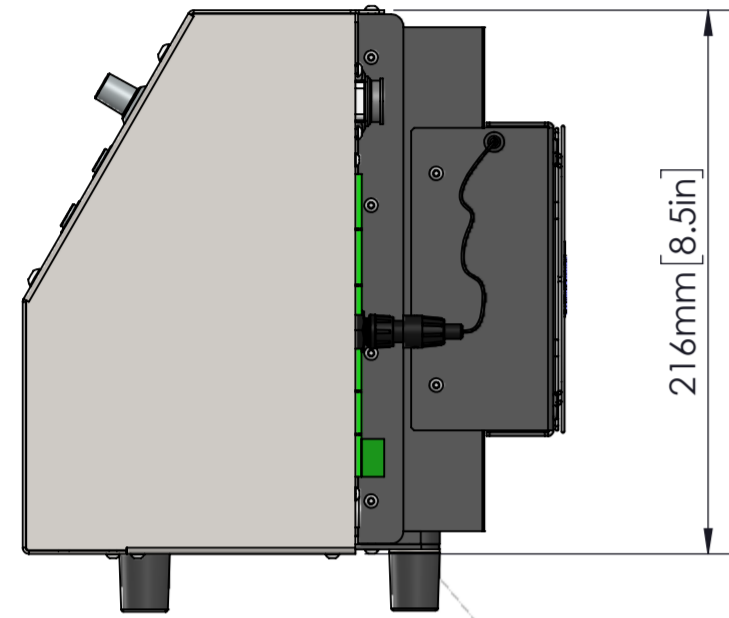


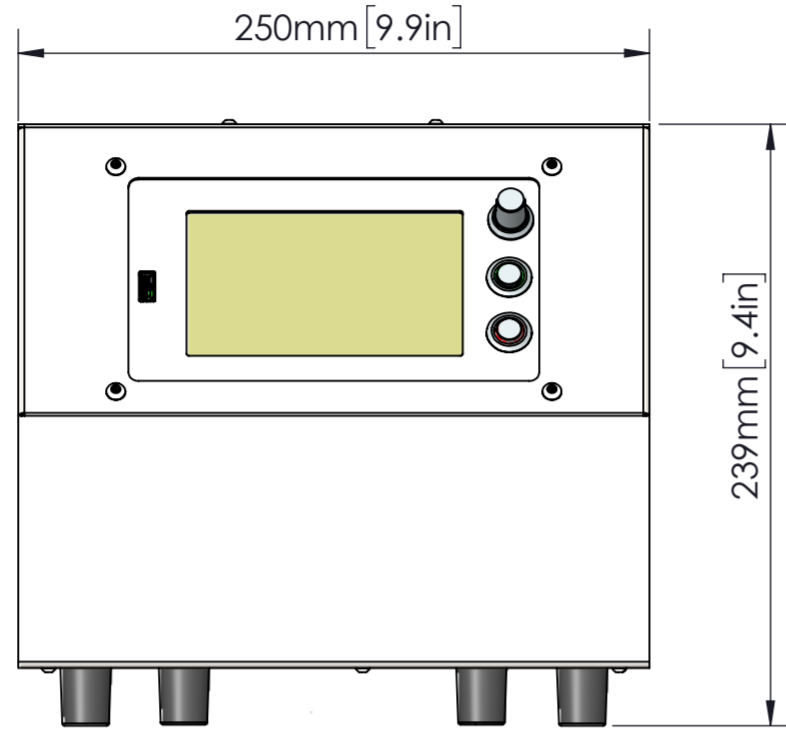
POWER SUPPLY

WEIGHT: 5kg [11lbs]

OUFX-030-230-00 SMT-2/200

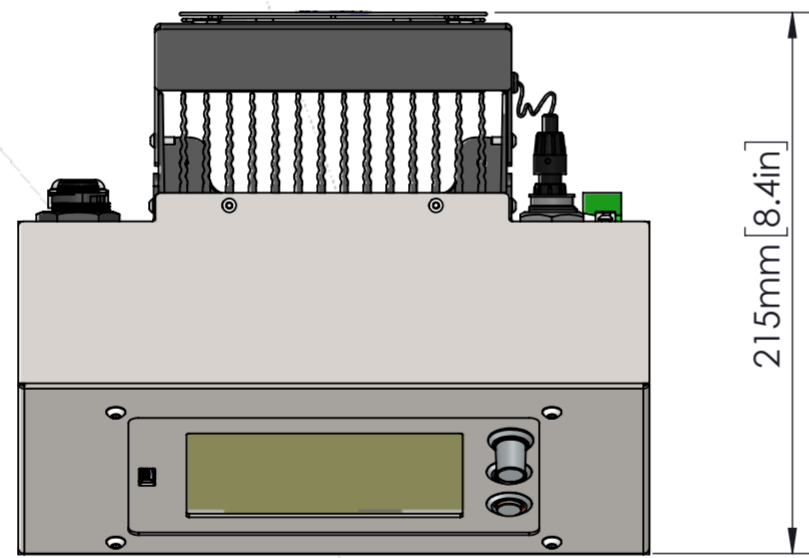
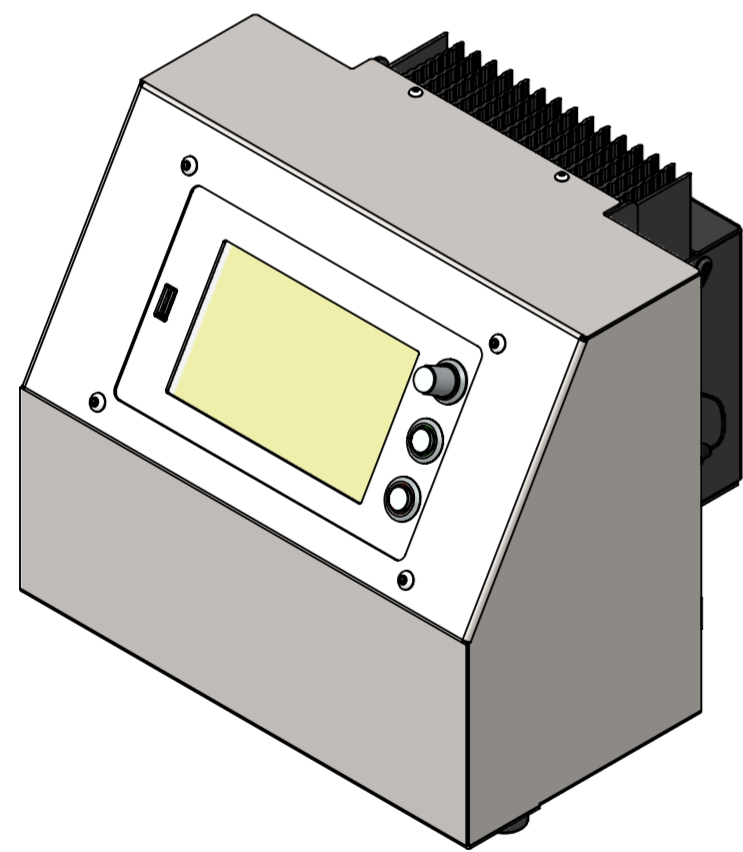


216mm [8.5in]



250mm [9.9in]

239mm [9.4in]



215mm [8.4in]

HEAT STATION

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

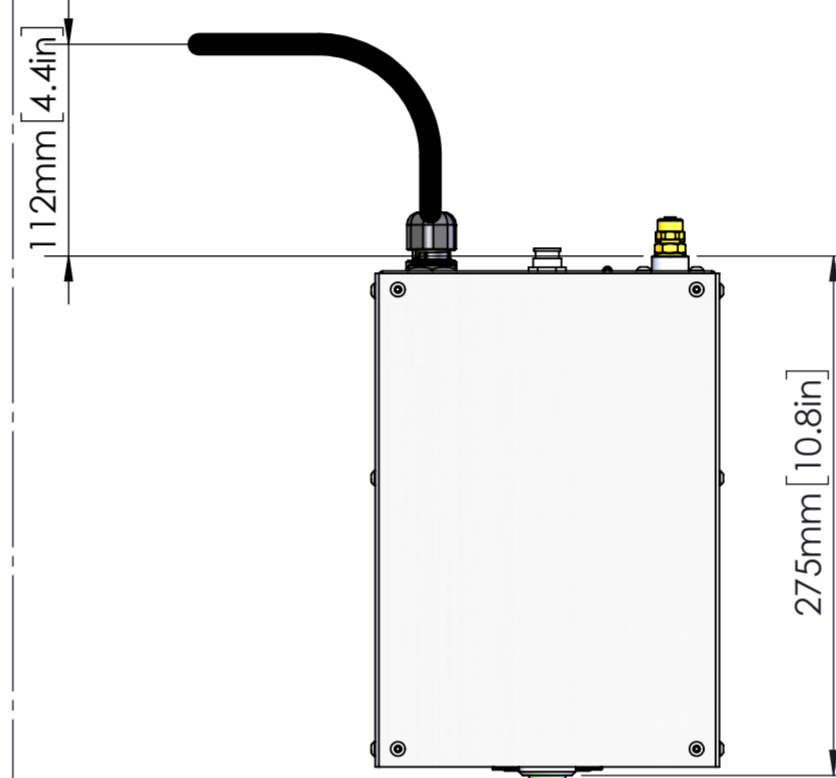
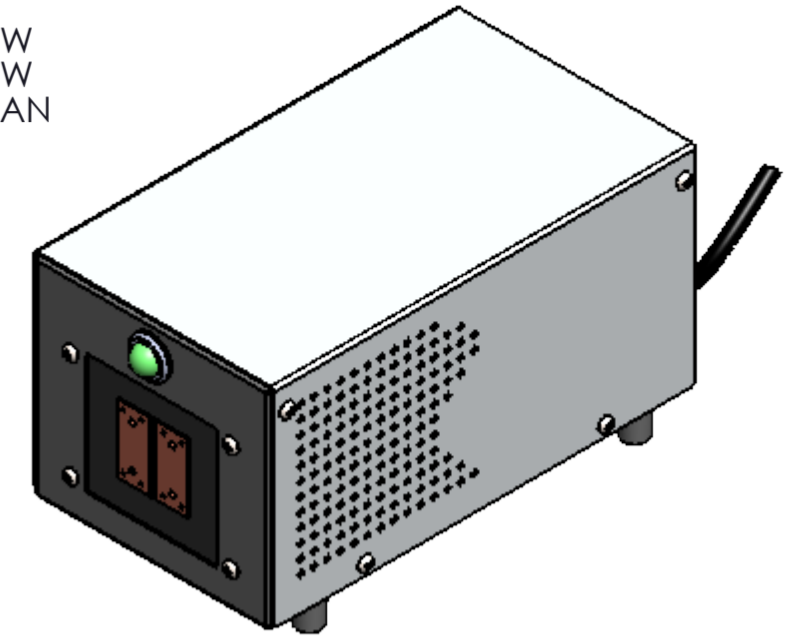
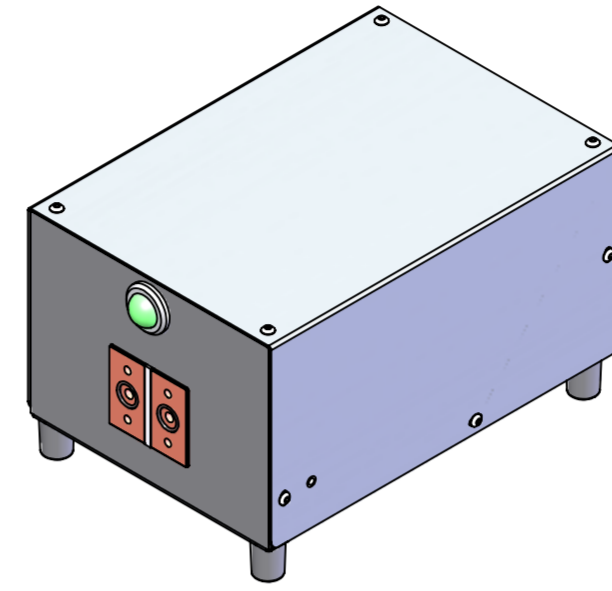
WEIGHT: 4kg [8.7lbs] HS-4W

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

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

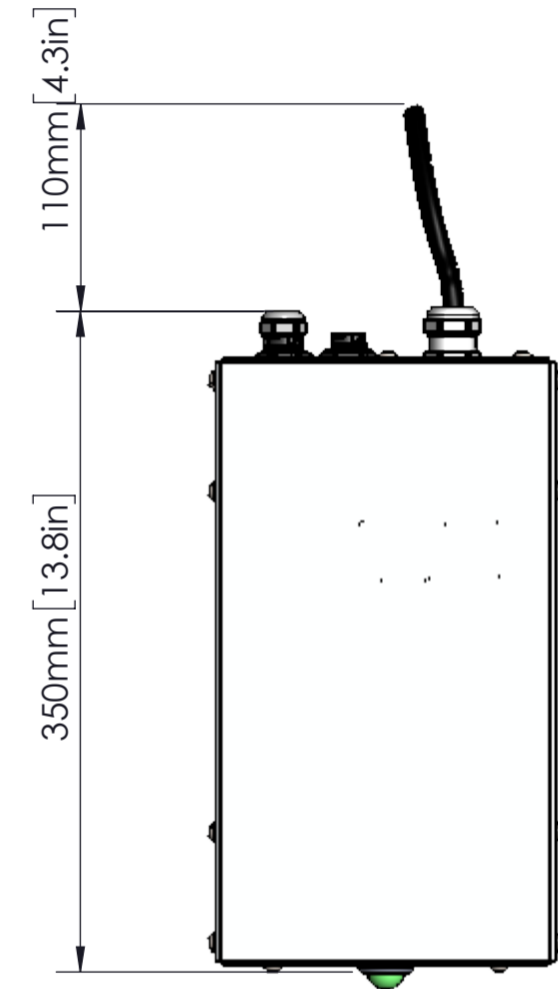
1ACC-030-160-00 HS-4W

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



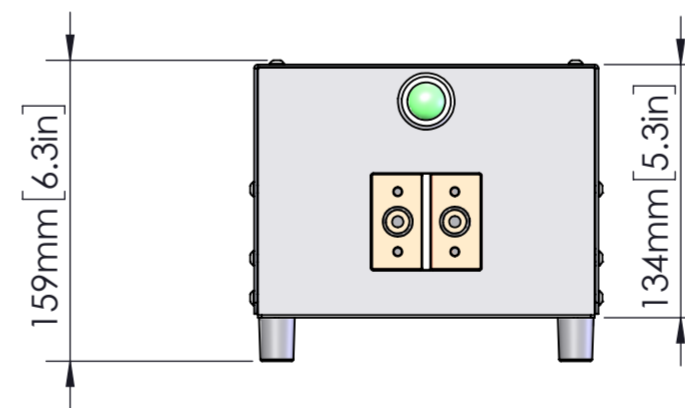
112mm [4.4in]

275mm [10.8in]



110mm [4.3in]

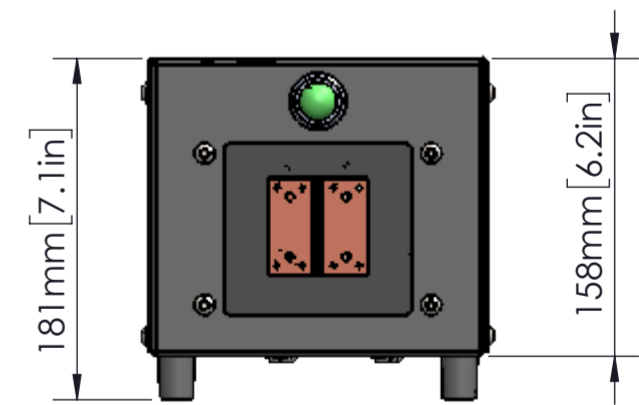
350mm [13.8in]



159mm [6.3in]

134mm [5.3in]

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



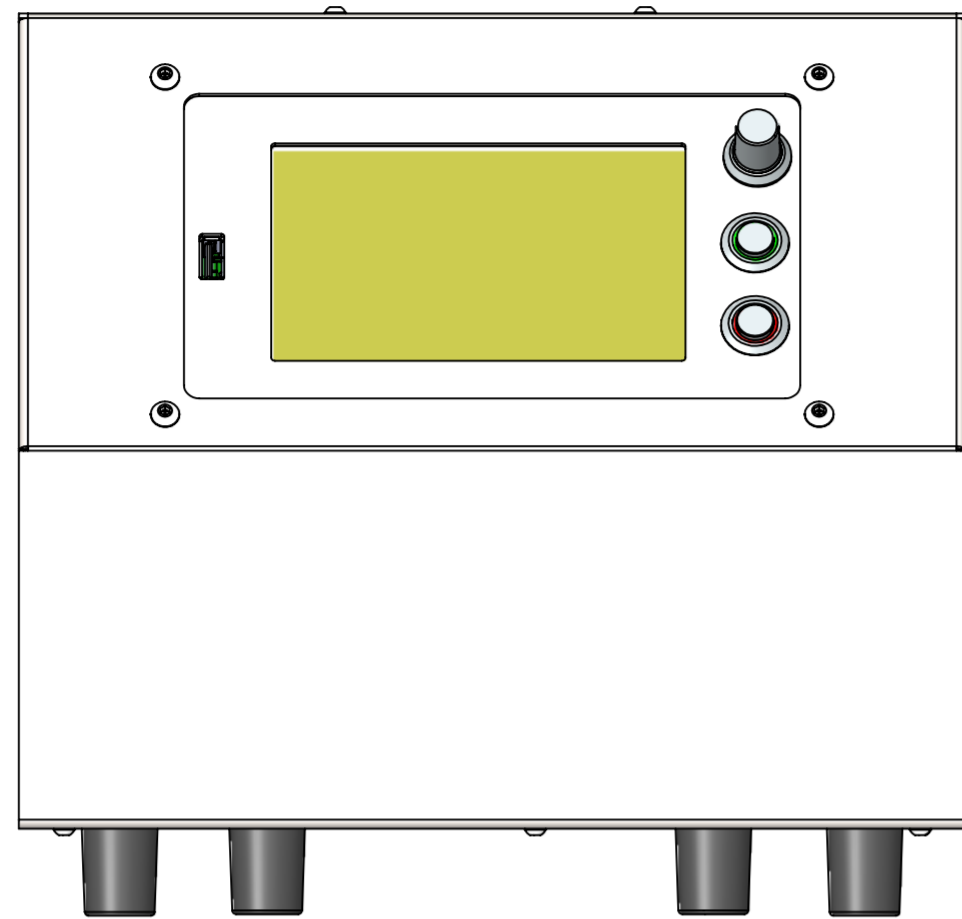
181mm [7.1in]

158mm [6.2in]

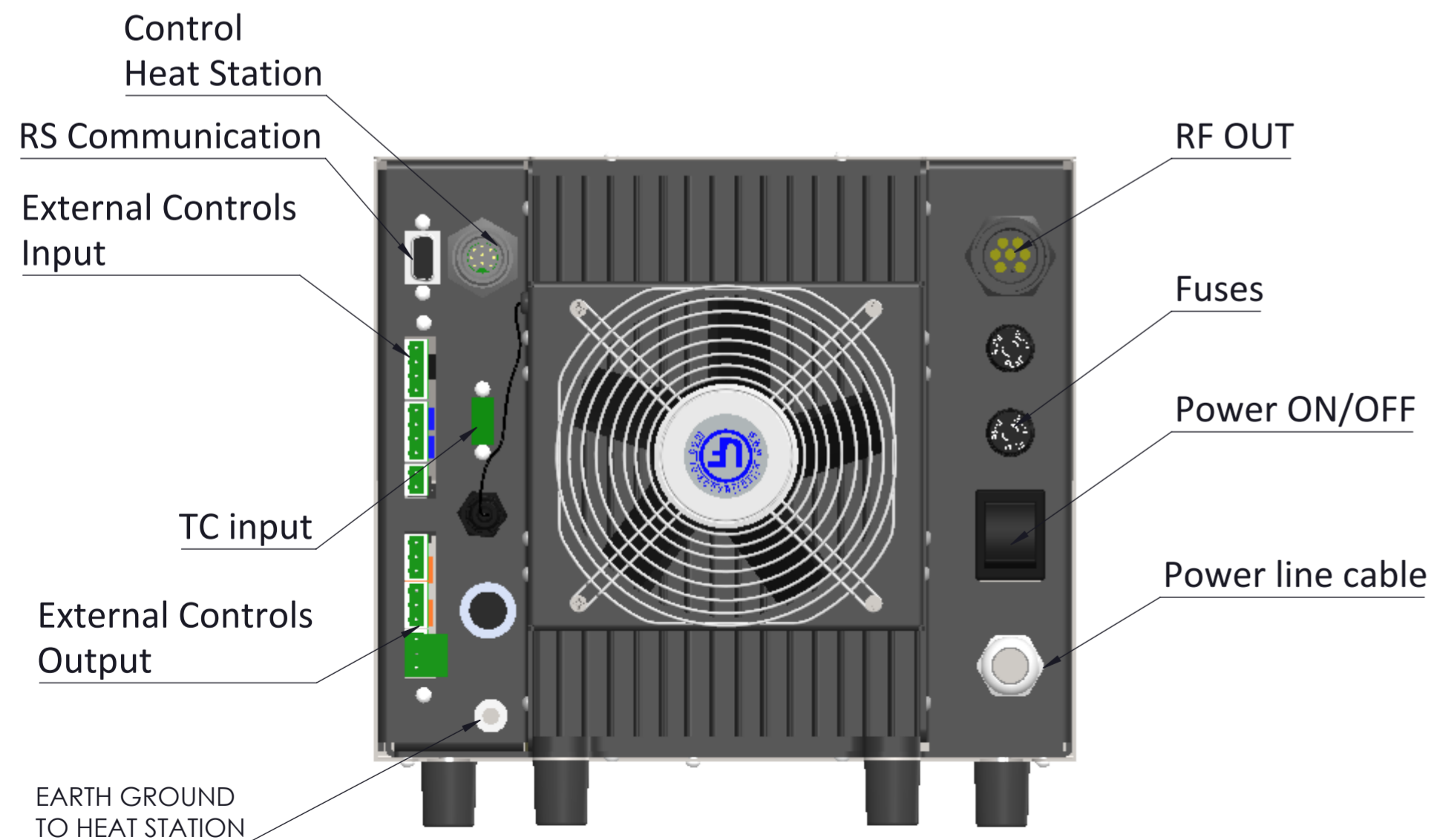
1ACC-030-200-00 HS-4AN

THIS DRAWING IS A QUICK REFERENCE GUIDE FOR UPT SERIES ULTRA HEAT L AND LF SYSTEMS. FOR FURTHER INFORMATION, SEE OPERATION MANUAL OM-UPT-030-230-00. THIS DRAWING SUBJECT TO CHANGE WITHOUT NOTICE.

COMMENTS: A10 touch screen control panel on power supply			DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH:		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
			Part No		OLI-UPT-030-230-00						
			DESCRIPTION:		OUTLINE & INSTALLATION DRAWING						
2	Rev 10	20-Dec-21									
1	Rev A00	02-Dec-16									
	NAME	SIGNATURE	DATE								
DRAWN	HZF		02-Dec-16								
CHK'D			04-Jan-22								
APP'VD											
Q.A.			04-Jan-22								
			MATERIAL:		SCALE: 1:5			WEIGHT: 9.03 g		Size A2	
					SHEET 1 OF 3						



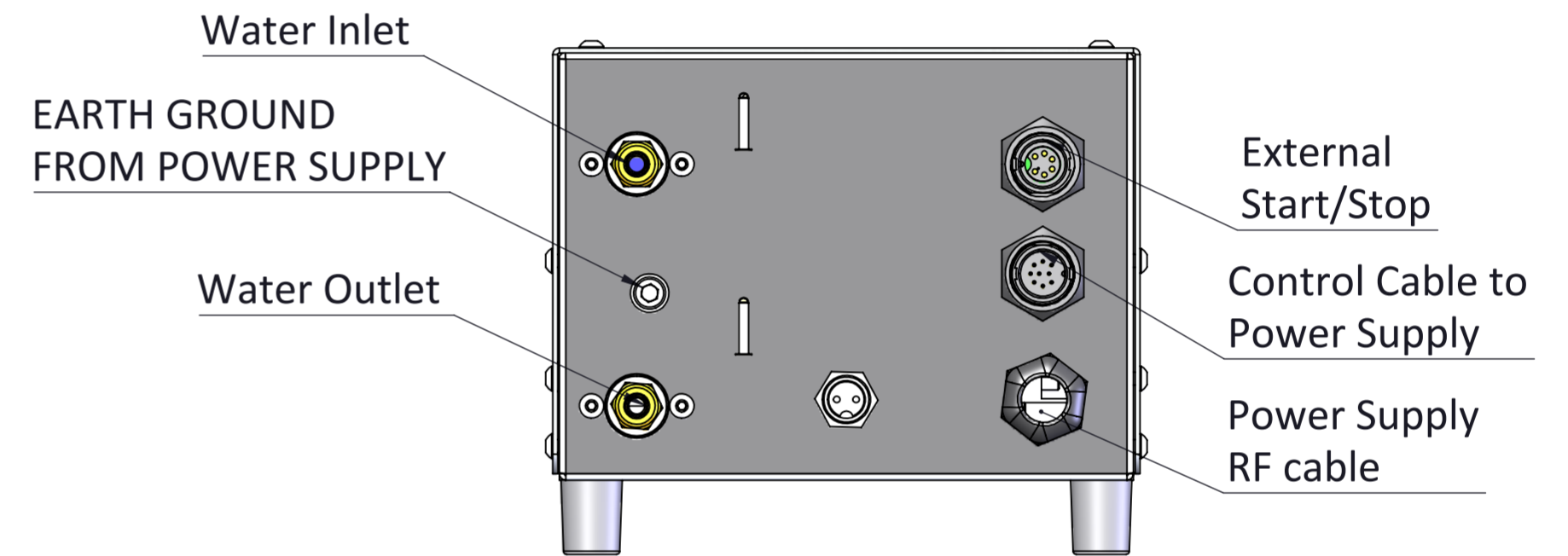
POWER SUPPLY SMT-2/200



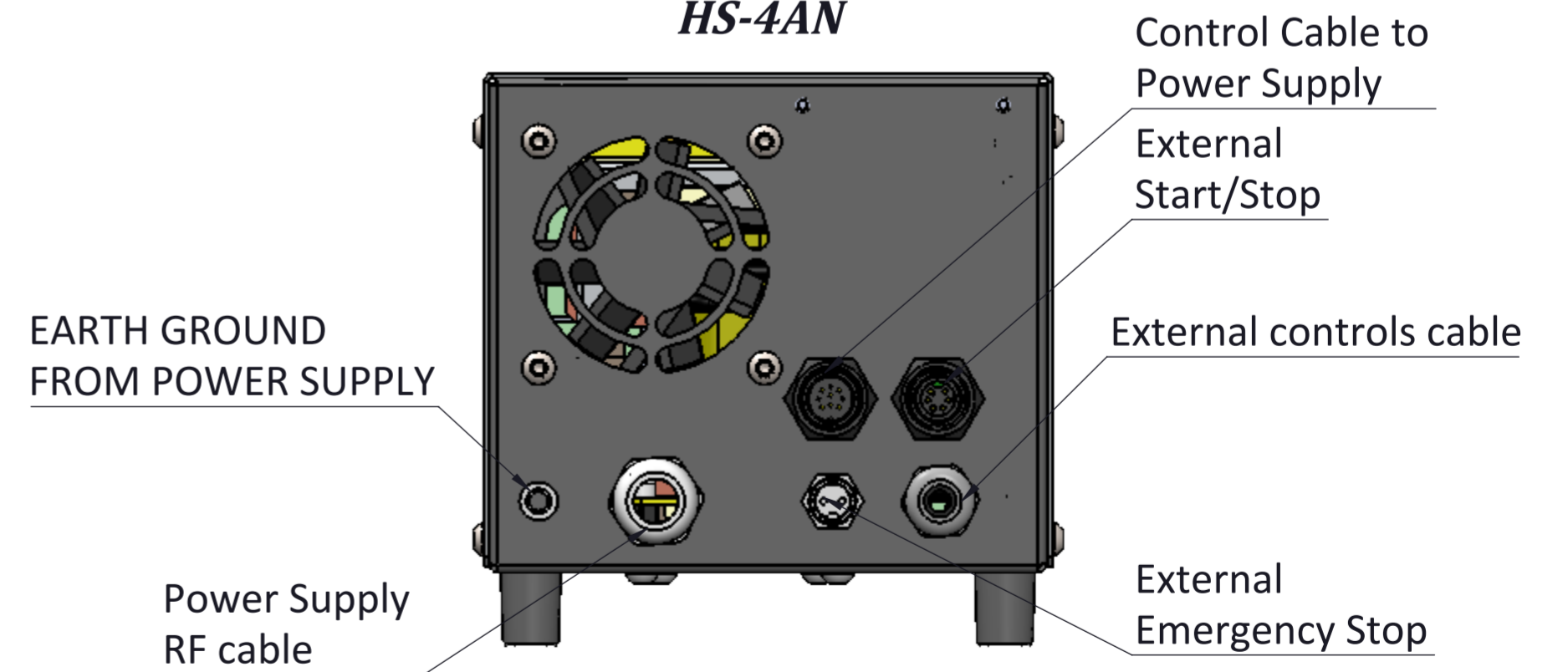
ELECTRICAL AND COOLING		
SPECIFICATION	SMT-2/200	REMARKS
AC VOLATAGE	110/230VAC 1 PHASE	± 10% <i>at 110VAC output power MUST be derated to 1.0kW</i>
LINE FREQUENCY	50/60 Hz	
INPUT MAXIMUM CURRENT	14 A	@230VAC ±10%
INPUT MAXIMUM POWER	2.9 kVA	@230VAC ±10%
MINIMUM EFFICIENCY	88%	FULL LOAD
POWER SUPPLY 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

HEAT STATIONS REAR VIEW

HS-4W HS-5W



HS-4AN



COMMENTS: A10
touch screen control panel on power supply

DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:

Finish/Treatment	ISO 1302-Ra	Tolerances	EN 22768/1.2-mH	0.5-6	6-30	30-120	120-400	400-1000	
Part No	OLI-OUPT-030-230-00								
DESCRIPTION:	OUTLINE & INSTALLATION DRAWING								
MATERIAL:								Size	
SCALE:1:5								Weight: 9.03 g	A2

2 Rev A10 20-Dec-21
1 Rev A00 02-Dec-16

NAME	SIGNATURE	DATE
HZF		02-Dec-16
APP'VD		04-Jan-22
Q.A		04-Jan-22

UltraFlex

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.

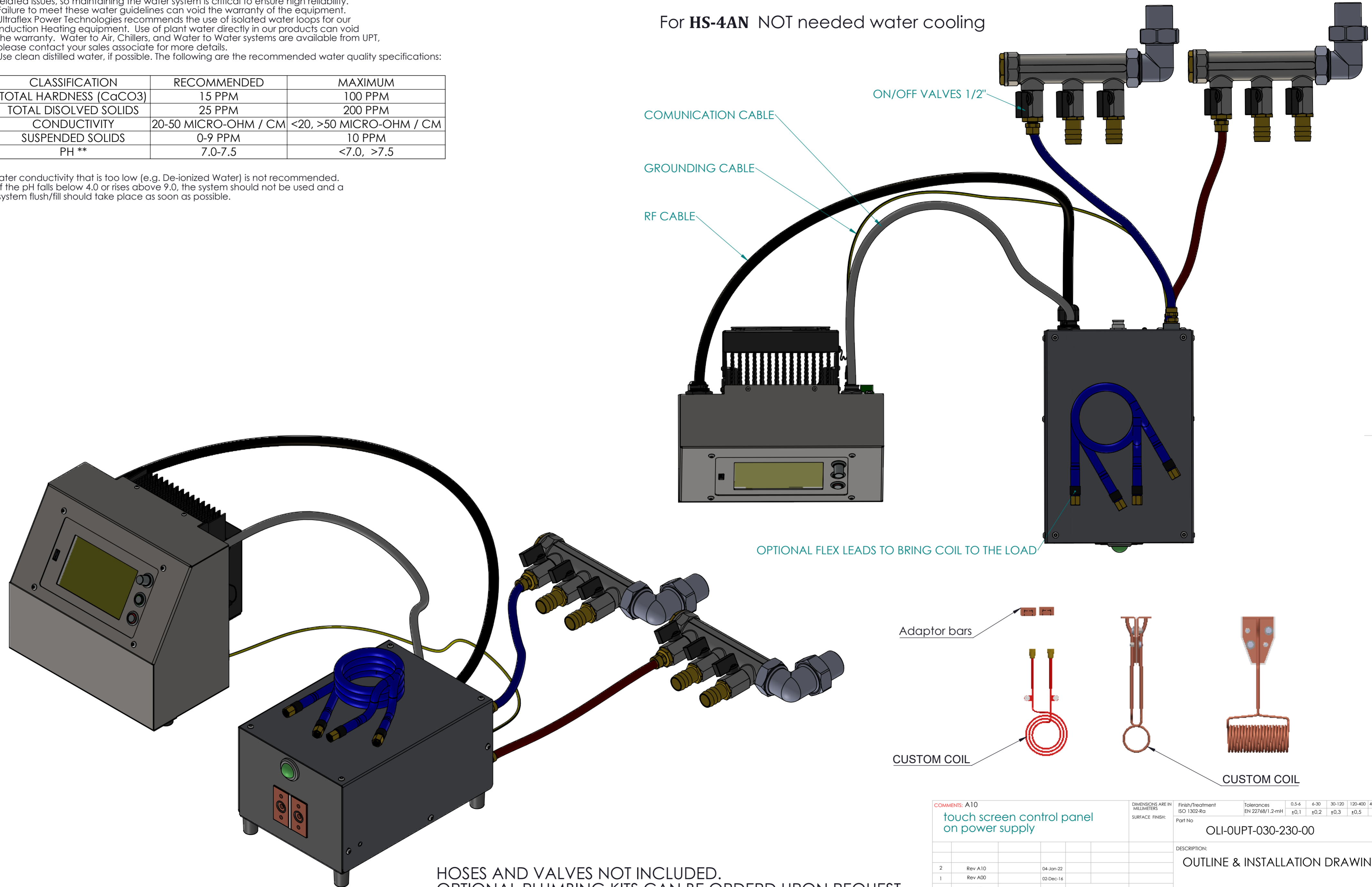
As many as 80% of problems with Induction Heating equipment can be traced to water related issues, so maintaining the water system is critical to ensure high reliability. Failure to meet these water guidelines can void the warranty of the equipment. Ultraflex Power Technologies recommends the use of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

COMMENTS: A10 touch screen control panel on power supply		DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH:	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
Part No			OLI-OUPT-030-230-00						
DESCRIPTION:			OUTLINE & INSTALLATION DRAWING						
2	Rev A10		04-Jan-22						
1	Rev A00		02-Dec-16						
NAME		SIGNATURE		DATE					
DRAWN HZF				02-Dec-16					
CHK'D				04-Jan-22					
APP'VD				04-Jan-22					
Q.A				04-Jan-22					
MATERIAL:			WEIGHT: 9.03 g			Size A2			
SCALE:1:20			SHEET 3 OF 3						

