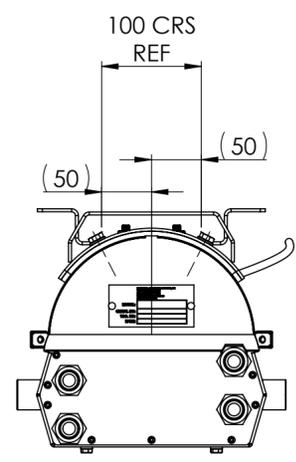
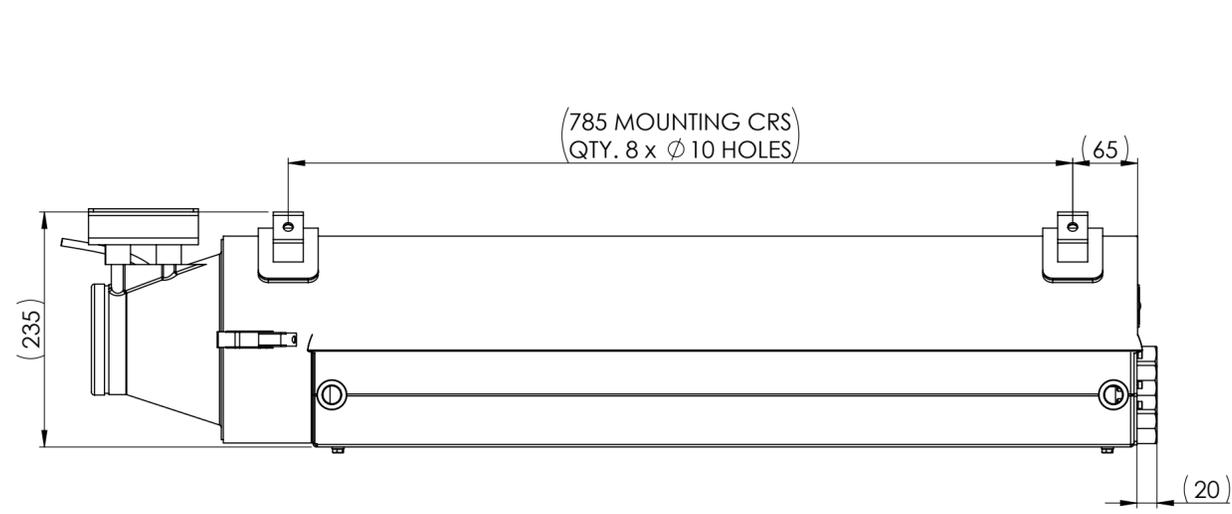
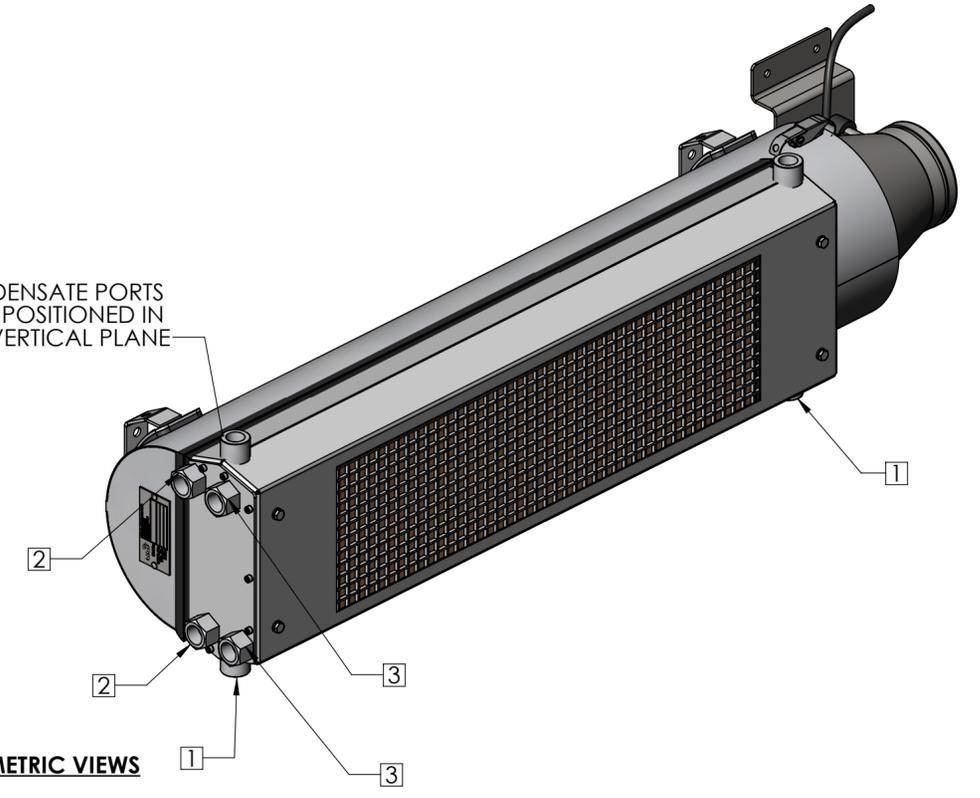


ITEM	PART No.	DESCRIPTION	QTY.
1	KI40053102	CCU-06 HEAT EXCHANGER SUB ASSEMBLY, 45 BAR	1
2	KI40051101	BLOWER HOUSING ASSY, CHAMBER CU, DH21 SERIES MOTOR	1

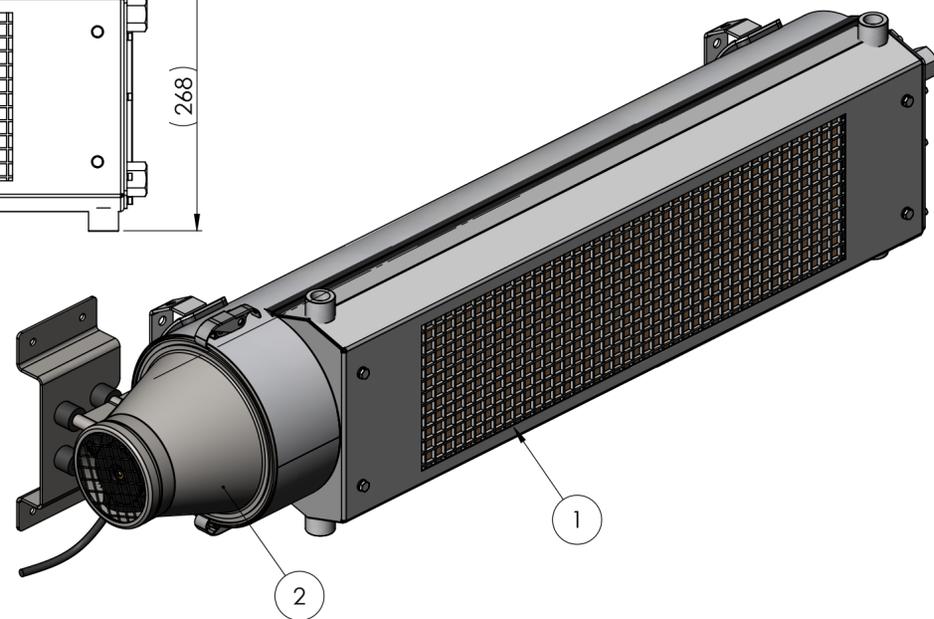
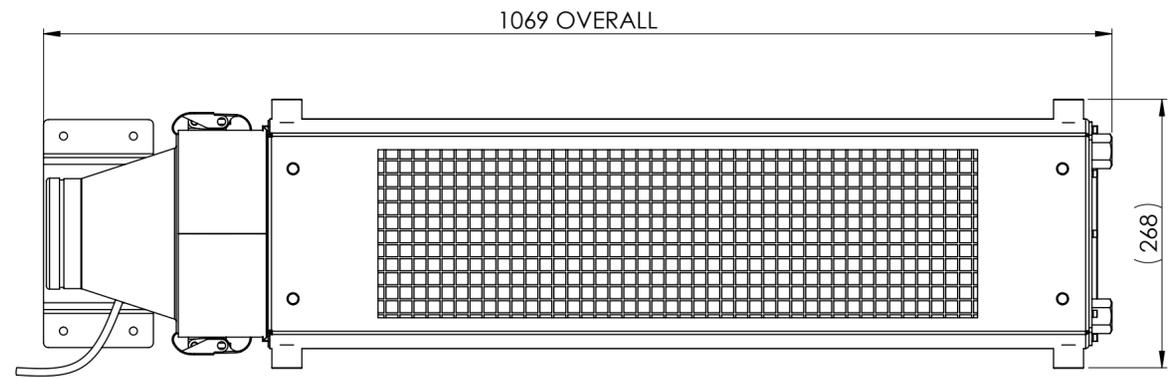
INTERFACES	
1	CONDENSATE DRAIN PORT
2	HEATER COIL SUPPLY & RETURN PORTS
3	CHILLER COIL SUPPLY & RETURN PORTS



CONDENSATE PORTS TO BE POSITIONED IN VERTICAL PLANE



ISOMETRIC VIEWS



HEATER/CHILLER UNIT CCU-06 SPECIFICATION	
ELECTRICAL REQUIREMENTS	24 VDC, 2A
AIR VOLUME MOVED	UP TO 2m³/MIN
CALCULATED CHILLING/HEATING CAPACITY	500W @ 0 MSW, 4000W @ 100 MSW, 8000W @ 300 MSW HELIOX
CALCULATED CONDENSATION FLOW RATE	0.2 LTRS/MIN
COOLING/HEATING LIQUID REQUIREMENTS	25 LTRS/MIN, COLD @ 2°C, HOT @ 60°C
COIL CONSTRUCTION	CU FINS, S/S TUBES & END PLATES
HOUSING & BLOWER ASSEMBLY	S/S 316
HEATING/CHILLING FLUID PORTS	1/2" NPT (F)
CONDENSATE DRAIN PORTS	1/2" NPT (F) x 4 OFF
COIL EXTERNAL PRESSURE TEST	58.5 BAR (HYDRO)
ASSEMBLY LEAK TEST	45 BAR (HELIUM)
REQUIRED MOUNTING ORIENTATION	RADIATOR FIN PLATES IN VERTICAL PLANE FOR CONDENSATE DRAINAGE
BLOWER	AXIAL BLOWER

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NOTES

ALL DIMENSIONS SHOWN ARE IN MM (UOS)
 ALL DIMENSIONS BEFORE PLATING (UOS)
 REMOVE ALL SHARP EDGES AND BURRS

DIMENSIONAL TOLERANCES			
MACHINING		FABRICATION	
NO DECIMAL PLACES	±1.0	SIZE >0 <100	±0.5
ONE DECIMAL PLACE	±0.2	SIZE >100 <500	±1.5
TWO DECIMAL PLACE	±0.05	SIZE >500	±3.0
ANGULAR TOLERANCE	±0.5°	ANGULAR TOLERANCE	±0.5°

MATERIAL
SEE PARTS LIST

FINISH
N/A

THIRD ANGLE PROJECTION

REV	DESCRIPTION	ECN No	BY	DATE	AUTH BY
R06					
R05					
R04					
R03					
R02					
R01	DRAWING UPDATED	18210	MJ	08/07/15	AN
R00	ISSUED FOR MANUFACTURE		DR	15/05/10	GMc

TITLE			
CCU-06, CHAMBER CU, AXIAL BLOWER, 45 BAR			
DRAWING No.		REV	
KI40053S1		R01	
PART No.		PRODUCT / PROJECT No.	
KI40053		CCU-06	
SIZE	SCALE	SHT	OF
A2	1:5	1	1

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DO NOT SCALE DRAWING