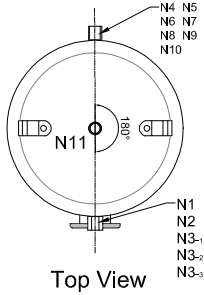
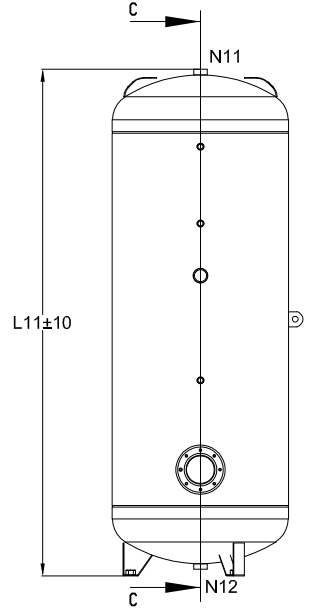


REVISIONS

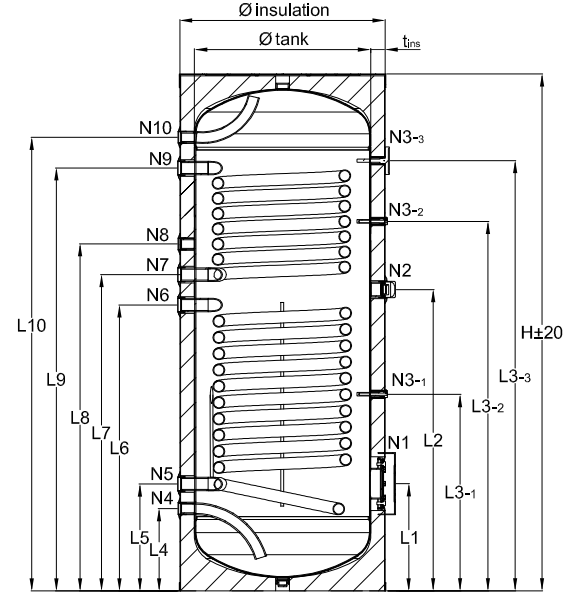
REV NO	REV.	DESCRIPTION	DATE	APPROVED BY



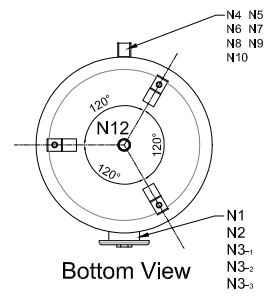
Top View



Front View



C-C



Bottom View

N CODE	DESCRIPTION	CONNECTIONS			
		160	200	300	500
	<b>Volume</b>	160	200	300	500
N1	Cleaning & Control Flange	4"	4"	4"	4"
N2	Electric Heater Connection	1½"	1½"	1½"	1½"
N3-1	Thermometer and Sensor Connections	½"	½"	½"	½"
N3-2	Thermometer and Sensor Connections	½"	½"	½"	½"
N3-3	Thermometer and Sensor Connections	½"	½"	½"	½"
N4	Domestic Cold Water Inlet Connection	¾"	¾"	1"	1"
N5	Lower Serpentine Outlet Connection	1¼"	1¼"	1¼"	1¼"
N6	Lower Serpentine Inlet Connection	1¼"	1¼"	1¼"	1¼"
N7	Upper Serpentine Outlet Connection	1¼"	1¼"	1¼"	1¼"
N8	Recirculation Connection	¾"	¾"	¾"	¾"
N9	Upper Serpentine Inlet Connection	1¼"	1¼"	1¼"	1¼"
N10	Domestic Hot Water Outlet Connection	¾"	¾"	1"	1"
N11	Magnesium Anode Connections	1¼"	1¼"	1¼"	1¼"
N12	Blind Cap	1¼"	1¼"	1¼"	1¼"

BASIC DOUBLE SERPENTINE WATER HEATER DIMENSIONS

	Ø tank	Ø insulation	Insulation Type	t <sub>ins</sub> (mm)	L1	L2	L3-1	L3-2	L3-3	L4	L5	L6	L7	L8	L9	L10	L11	H	WEIGHT (kg)	SURFACE AREA of HEAT EXCHANGER (m <sup>2</sup> )
160	Ø480	Ø580	PU	50	330	605	480	770	910	240	330	550	670	755	850	990	1110	1135	73	UPPER: 0,55 LOWER: 0,57
200	Ø480	Ø580	PU	50	330	670	480	850	1100	240	330	610	730	825	950	1110	1315	1340	83	UPPER: 0,54 LOWER: 0,68
300	Ø480	Ø580	PU	50	320	760	470	975	1640	240	330	610	860	960	1080	1640	1845	1860	102	UPPER: 0,54 LOWER: 0,68
300	Ø600	Ø700	PU	50	295	635	450	795	955	165	255	585	985	785	895	1045	1195	1220	90	UPPER: 0,52 LOWER: 0,68
500	Ø640	Ø740	PU	50	380	850	590	1045	4550	290	380	800	910	1000	1180	1560	1820	1845	151	UPPER: 0,77 LOWER: 1,35

General Tolerances		DESCRIPTION			Drawn By	İ KARAKOÇ		Tolerance	General Tolerance Table
Linear Dimensions		BASIC DOUBLE SERPENTINE WATER HEATER TBD-BASIC 160-500			Check By	A. ORAK			
1 up to 400	±10				Draw No	DRAFT DESIGN			
400 up to 1000	±15				Product No	TBD-BASIC	Reference Document No		
1000 up to 5000	±20	Scale	A4	P.Date	26.05.2020	Material			
		Sheet				Weight			