

## EU TYPE EXAMINATION CERTIFICATE AB TİP İNCELEME SERTİFİKASI

according to 2016/426/EU Gas Appliances Regulation Annex III.1 EU Type Examination  
2016/426/AB Gaz Yakan Cihazlara Dair Yönetmelik EK III.1 AB Tip İncelemesi ( MODÜL B )

Number: **2195-GAR-2223601**  
Numara:

Owner of Certificate: **TERMO ISI TİC. VE SAN. A.Ş.**  
Sertifika Sahibi: **Esentepe Mah. Milangaz Cad. No:75/1 Kartal-İSTANBUL / TÜRKİYE**

Manufacturer: **TERMO ISI TİC. VE SAN. A.Ş.**  
Üretici: **Türkgücü OSB. Bülent Ecevit Bulvarı No:11 Çorlu-TEKİRDAĞ / TÜRKİYE**

PIN Number: **2195CU110**  
PIN Numarası:

Products: **GAS FIRED CONDENSING HOT WATER BOILERS**  
Ürünler: **GAZ YAKITLI DUVAR-YER TİPİ YOĞUŞMALI SICAK SU KAZANLARI**

Trademark/s: **ECODENSE**  
Ticari Markalar:

Type/Model: **Cxx, Bxx / ECODENSE Series ( is stated Page-2)**  
Tip/Model: **Cxx, Bxx / ECODENSE Serisi ( Sayfa-2'ye bakınız)**

Gas Category: **I2H, I3B/P**  
Gaz Kategorisi:

Destination Countries: **AT, BG, CH ,CY ,CZ, DK, EE, ES, FI, GE, GB, GR, IE, IS, IT, LT, LU**  
Hedef Ülkeler: **LV, NO, PL PT, RO, SE, SI, SK, TR**

Reference Standard(s): **TS EN 15502-1+A1:2015, TS EN 15502-2-1+A1:2017**  
Referans Standart(lar):

Base of Certificate: **Final Report No. GARB-819096-03-FR-02 dated 05-08-2022,**  
Sertifika Dayanağı: **05-08-2022 tarihli Final Rapor No. GARB-819096-03-FR-02**

Szutest Uygunluk Değerlendirme A.Ş. hereby confirms that the manufacturer of the above mentioned products, has determined, that satisfies the Essential Requirements of Regulation 2016/426/EU of The European Parliament and of the Council of 09 March 2016 relating to Appliances burning gaseous fuels Annex III.1 EU Type Examination.

Szutest Uygunluk Değerlendirme A.Ş., yukarıda bahsi geçen üreticinin, Avrupa Parlamentosu ve Konseyi 09 Mart 2016 tarihli 2016/426/AB Gaz Yakan Cihazlara Dair Yönetmelik EK-III.1 AB Tip İncelemesi gerekliliklerini ve Temel Emniyet Gerekliliklerini yerine getirdiğini onaylar.

Istanbul, 23-05-2019

Validity Date / Geçerlilik Tarihi : 22-05-2029

Rev. Date / Rev. No: 21-05-2020 / 01

Rev. Date / Rev. No: 09-08-2021 / 02

Rev. Date / Rev. No: 24-08-2022 / 03



**RUKIYE BALKAN**  
Genel Müdür Yardımcısı  
Deputy General Manager

# SZUTEST

## PRODUCT MODELS / ÜRÜN MODELLERİ

MODEL NAME / MODEL ADI	CAPACITY (Min-Max. 80/60 °C) ( kW)	CAPACITY (Min-Max. 50/30 °C) ( kW)	PRESSURE
ECODENSE WT-65	13,7 – 63,4	15,1 – 69,0	6 bar
ECODENSE WT-80	13,8 – 76,4	15,3 – 85,6	6 bar
ECODENSE WT-90	13,8 – 88,0	15,3 – 95,2	6 bar
ECODENSE WT-100	13,9 - 98,0	15,4 - 105,0	6 bar
ECODENSE WT-110	19,4 - 108,5	21,3 - 114,9	6 bar
ECODENSE WT-115	19,4 - 112,7	21,3 - 121,0	6 bar
ECODENSE WT-125	19,5 - 122,5	21,5 - 131,0	6 bar
ECODENSE WT-150	19,5 - 138,0	21,5 - 151,0	6 bar
ECODENSE WT-65 SLAVE	13,7 – 63,4	15,1 – 69,0	6 bar
ECODENSE WT-80 SLAVE	16,0 – 76,4	17,6 – 85,6	6 bar
ECODENSE WT-90 SLAVE	17,0 – 88,0	18,5 – 98,5	6 bar
ECODENSE WT-100 SLAVE	17,6 - 98,0	19,5 - 105,0	6 bar
ECODENSE WT-110 SLAVE	19,0 - 108,5	21,0 - 114,9	6 bar
ECODENSE WT-115 SLAVE	19,0 - 112,7	21,0 - 121,0	6 bar
ECODENSE WT-125 SLAVE	19,1 - 122,5	21,0 - 131,0	6 bar
ECODENSE WT-150 SLAVE	19,5 - 138,0	21,5 - 151,0	6 bar
ECODENSE WT-S 45	12,3 - 43,7	12,9 - 46,4	6 bar
ECODENSE WT-S 50	13,8 - 48,6	15 - 52,6	6 bar
ECODENSE WT-S 55	13,1 - 53,4	13,9 - 57,2	6 bar
ECODENSE WT-S 60	14,3 - 58,3	15,6 - 63,1	6 bar
ECODENSE WT-S 65	13,7 - 63,1	14,6 - 67,6	6 bar
ECODENSE WT-S 45 SLAVE	12,3 - 43,7	12,9 - 46,4	6 bar
ECODENSE WT-S 50 SLAVE	13,8- 48,6	15- 52,6	6 bar
ECODENSE WT-S 55 SLAVE	13,1 - 53,4	13,9 - 57,2	6 bar
ECODENSE WT-S 60 SLAVE	14,3- 58,3	15,6- 63,1	6 bar
ECODENSE WT-S 65 SLAVE	13,7 - 63,1	14,6 - 67,6	6 bar
ECODENSE WT-S 100	15,2 - 15,8	97,0 - 102,8	6 bar
ECODENSE WT-S 120	16,8 - 17,3	116,4 - 123,6	6 bar
ECODENSE WT-S 145	18,2 - 19,2	140,7 - 150,8	6 bar
ECODENSE WT-S ONE 35 BS	6,7-34,1	7,2-36,7	6 bar
ECODENSE WT-S ONE 35 OH	6,9-34,3	7,3-36,9	6 bar
ECODENSE WT-S ONE 35 OH+EX	7,1-34,2	7,2-36,7	3 bar
ECODENSE WT-S ONE 45 BS	7,4-43,5	7,7-45,7	6 bar
ECODENSE WT-S ONE 45 OH	7,6-43,4	8,1-45,9	6 bar

# SZUTEST

<b>MODEL NAME / MODEL ADI</b>	<b>CAPACITY (Min-Max. 80/60 °C) ( kW)</b>	<b>CAPACITY (Min-Max. 50/30 °C) ( kW)</b>	<b>PRESSURE</b>
ECODENSE WT-S ONE 45 OH + EX	7,9-43,2	8,2-45,5	6 bar
ECODENSE WT-S ONE 55 BS	9,6-54,2	10,2-56,2	3 bar
ECODENSE WT-S ONE 55 OH	9,5-54,1	10,3-56,2	3 bar
ECODENSE WT-S ONE 55 OH+EX	9,7-54,3	10,5-56,3	3 bar
ECODENSE WT-S ONE 65 BS	10,8-63,6	11,4-67,9	6 bar
ECODENSE WT-S ONE 65 OH	11-63,8	11,7-68,1	6 bar
ECODENSE WT-S ONE 65 OH+EX	11,2-63,9	11,9-68,4	3 bar
ECODENSE WT-S ONE 24	4,8-23,77	5,09-25,73	3 bar
ECODENSE WT-S ONE 28	5,49-27,4	5,82-29,51	3 bar
ECODENSE WT-S ONE 32	6,27-31,46	6,65-33,71	3 bar
ECODENSE WT-S ONE 35	6,86-34,41	7,27-36,87	3 bar
ECODENSE WT-S ONE 42	8,22-41,2	8,86-44,50	3 bar
ECODENSE WT-S ONE 45	8,61-43,3	9,05-45,9	3 bar
ECODENSE WT-SS 45	12,3 - 43,7	12,9 - 46,4	6 bar
ECODENSE WT-SS 50	10,6 - 48,8	11,5-52,8	6 bar
ECODENSE WT-SS 55	13,1 - 53,4	13,9 - 57,2	6 bar
ECODENSE WT-SS 60	12,8 - 58,7	14 - 63,3	6 bar
ECODENSE WT-SS 65	13,7 - 63,4	15,1 - 69	6 bar
ECODENSE WT-SS 80	13,8 - 76,4	17,6 - 85,6	6 bar
ECODENSE WT-SS 90	13,8 - 87,5	15,3 - 95	6 bar
ECODENSE WT-SS 100	13,9 - 98,0	19,5 - 105,0	6 bar
ECODENSE WT-SS 110	19,4 - 106,9	21,3 - 116,1	6 bar
ECODENSE WT-SS 115	19,4 - 112,7	21,0 - 121,0	6 bar
ECODENSE WT-SS 125	19,5 - 122,5	21,0 - 131,0	6 bar
ECODENSE WT-SS 150	19,5 - 138,0	21,5 - 151,0	6 bar
ECODENSE WT-SS ONE 35 BS	6,7-34,1	7,2-36,7	3 bar
ECODENSE WT-SS ONE 35 OH	6,9-34,3	7,3-36,9	3 bar
ECODENSE WT-SS ONE 35 OH + EX	7,1-34,2	7,2-36,7	3 bar
ECODENSE WT-SS ONE 45 BS	7,4-43,5	7,7-45,7	3 bar
ECODENSE WT-SS ONE 45 OH + EX	7,9-43,2	8,2-45,5	3 bar
ECODENSE WT-SS ONE 45 OH	7,6-43,4	8,1-45,9	3 bar
ECODENSE WT-SS ONE 55 BS	9,6-54,2	10,2-56,2	3 bar
ECODENSE WT-SS ONE 55 OH	9,5-54,1	10,3-56,2	3 bar

# SZUTEST

MODEL NAME / MODEL ADI	CAPACITY (Min-Max. 80/60 °C) ( kW)	CAPACITY (Min-Max. 50/30 °C) ( kW)	PRESSURE
ECODENSE WT-SS ONE 65 BS	10,8-63,6	11,4-67,9	3 bar
ECODENSE WT-SS ONE 65 OH	11-63,8	11,7-68,1	3 bar
ECODENSE WT-SS ONE 35	6,86-34,41	7,27-36,87	3 bar
ECODENSE WT-SS ONE 45	8,61-43,3	9,05-45,9	3 bar
ECODENSE WT-S DHW 45 L	7,6 – 42,4	8,3 – 45,8	6 bar
ECODENSE WT-S DHW 45 H	7,6 – 42,4	8,3 – 45,8	6 bar
ECODENSE WT-S DHW 45 XH	7,6 – 42,4	8,3 – 45,8	6 bar
ECODENSE WT-S DHW 55 L	9,1 – 53,4	9,9 – 57,2	6 bar
ECODENSE WT-S DHW 55 H	9,1 – 53,4	9,9 – 57,2	6 bar
ECODENSE WT-S DHW 55 XH	9,1 – 53,4	9,9 – 57,2	6 bar
ECODENSE WT-S DHW 65 L	10,9 – 63,9	11,8 – 68,2	6 bar
ECODENSE WT-S DHW 65 H	10,9 – 63,9	11,8 – 68,2	6 bar
ECODENSE WT-S DHW 65 XH	10,9 – 63,9	11,8 – 68,2	6 bar
ECODENSE FTC-X 200	28 - 184	32 – 200	6 bar
ECODENSE FTC-X 270	36 – 258	40 – 269	6 bar
ECODENSE FTC-X 340	44 – 321	49 – 339	6 bar
ECODENSE FTC-X 410	53 – 390	58 – 408	6 bar
ECODENSE FTC-X 480	60 – 456	68 – 477	6 bar
ECODENSE FTC-X 550	72 - 522	79 – 542	6 bar
ECODENSE FTC-X 200 PLUS	23-214	26-230	6 bar
ECODENSE FTC-X 270 PLUS	31-285	35-305	6 bar
ECODENSE FTC-X 340 PLUS	39-356	43-380	6 bar
ECODENSE FTC-X 410 PLUS	44-428,7	49-455	6 bar
ECODENSE FTC-X 480 PLUS	55-498	61-530	6 bar
ECODENSE FTC-X 550 PLUS	62-570	69-605	6 bar
ECODENSE FTC-X 230	34,9 – 225,4	38 - 242,2	6 bar
ECODENSE FTC-X 305	46,3 – 296,5	50,3 -321,5	6 bar
ECODENSE FTC-X 380	57,6 – 371,3	62,6 - 400	6 bar
ECODENSE FTC-X 455	68,9 - 445,4	75,3 – 479,1	6 bar
ECODENSE FTC-X 530	80,4 -518,3	87,4 - 557	6 bar
ECODENSE FTC-X 605	91,7 – 592,9	99,9 - 635,9	6 bar
ECODENSE FTC-X 680	70-643	78-680	6 bar
ECODENSE FTC-X 760	84-713	93-762	6 bar
ECODENSE FTC-X 840	93-788	102-848	6 bar
ECODENSE FTC-MG 5	88 - 778	103 – 832	6 bar
ECODENSE FTC-MG 6	116 – 977	132 – 1041	6 bar
ECODENSE FTC-MG 7	141 – 1171	157 – 1246	6 bar
ECODENSE FTC-MG 8	165 – 1360	187 – 1458	6 bar
ECODENSE FTC-MG 9	182-1563	198-1680	6 bar

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MODEL NAME / MODEL ADI	CAPACITY (Min-Max. 80/60 °C) ( kW)	CAPACITY (Min-Max. 50/30 °C) ( kW)	PRESSURE
ECODENSE FTC-MG 10	203 – 1699	221 – 1834	6 bar
ECODENSE FTC-MG 11	223-1852	241-1990	6 bar
ECODENSE FTC-MG 12	205 - 2152	253 – 2305	6 bar
ECODENSE FTC-MG 13	256 – 2349	284 – 2512	6 bar
ECODENSE FTC-MG 14	302 – 2538	328 – 2703	6 bar
ECODENSE FTC-MG 15	295-2620	319-2821	6 bar
ECODENSE FTC-MG 16	346 - 2923	371 – 3118	6 bar
ECODENSE FTC-MG 17	349-2996	379-3230	6 bar
ECODENSE FT-S 120	26,1 -117,2	28,6 - 129	6 bar
ECODENSE FT-S 150	32,7 – 146,7	35,7- 161,3	6 bar
ECODENSE FT-S 200	43,2-194,5	47,5-214,5	11 bar
ECODENSE FT-S 240	52,5 – 234,5	57,4 – 257,3	6 bar
ECODENSE FT-S 315	68,39-307,8	67,5-337,7	11 bar
ECODENSE FT-S 400	87,4 – 391,2	95,3 – 430	6 bar
ECODENSE FT-S 530	110,2-517,8	116-568,2	11 bar
ECODENSE FT-S 660	142,8 -644,8	156 -707,5	6 bar
ECODENSE FT-S 800	162,8-781,6	183-860	11 bar
ECODENSE FT-S 1060	203,1-1035	219,1-1140	11 bar
ECODENSE FT-S 1200	260,8 – 1173,6	284,3 -1285,2	6 bar
ECODENSE FT-S 1600	349,7 -1563,2	382 – 1715,2	6 bar
ECODENSE FT-S 2000	437-1956	476,6 - 2150	6 bar
ECODENSE RT 65 ONE	13,7 – 63,4	15,1 - 69	6 bar
ECODENSE RT 80 ONE	13,8 – 76,4	17,6 – 85,6	6 bar
ECODENSE RT 90 ONE	13,8 – 88,0	18,5-95,2	6 bar
ECODENSE RT 100 ONE	13,9 - 98,0	19,5 - 105,0	6 bar
ECODENSE RT 110 ONE	19,4 - 108,5	21,0 - 114,9	6 bar
ECODENSE RT 115 ONE	19,4 - 112,7	21,0 - 121,0	6 bar
ECODENSE RT 125 ONE	19,5 - 122,5	21,0 - 131,0	6 bar
ECODENSE RT 150 ONE	19,5 - 138,0	21,5 - 151,0	6 bar
ECODENSE RT 65 TWIN	13,7 – 63,4	130	6 bar
ECODENSE RT 80 TWIN	13,8 – 76,4	160	6 bar
ECODENSE RT 90 TWIN	13,8 – 88,0	180	6 bar
ECODENSE RT 100 TWIN	13,9 - 98,0	200	6 bar
ECODENSE RT 110 TWIN	19,4 - 108,5	220	6 bar
ECODENSE RT 115 TWIN	19,4 - 112,7	230	6 bar
ECODENSE RT 125 TWIN	19,5 - 122,5	250	6 bar
ECODENSE RT 150 TWIN	19,5 - 138,0	300	6 bar
ECODENSE FSC 250	40,3-229,8	44-250	6 bar
ECODENSE FSC 270	44,5-264	49-290	6 bar
ECODENSE FSC 340	51,4-310	56-338	6 bar
ECODENSE FSC 440	70,5-405	77-442	6 bar

# SZUTEST

MODEL NAME / MODEL ADI	CAPACITY (Min-Max. 80/60 °C) ( kW)	CAPACITY (Min-Max. 50/30 °C) ( kW)	PRESSURE
ECODENSE FSC 500	84-489	92-536	6 bar
ECODENSE FSC 550	84-502	92-548	6 bar
ECODENSE FSC 660	102-609	111-664	6 bar
ECODENSE FSC 810	132-845	160-930	6 bar
ECODENSE FSC 870	135-801	148-873	6 bar
ECODENSE FSC 1050	150-963	163-1050	6 bar
ECODENSE FSC 1250	201-1202	210-1255	6 bar
ECODENSE FSC 1500	228-1373	250-1505	6 bar
ECODENSE FSC 1800	279-1649	305-1810	6 bar
ECODENSE FSC 2000	304-1829	333-2005	6 bar
ECODENSE FSC 2200	339-2020	370-2212	6 bar
ECODENSE FSC 2500	382-2293	418-2505	6 bar
ECODENSE FSC 2600	400-2386	437-2606	6 bar
ECODENSE FSC 2800	428-2561	468-2802	6 bar
ECODENSE FSC 3000	459-2744	502-3005	6 bar
CELL-CONDENSE 210	27,8-196	30,8-210	6 bar
CELL-CONDENSE 260	39-245	43-262	6 bar
CELL-CONDENSE 300	39-276	43-302	6 bar
CELL-CONDENSE 420	55,6-392	61,6-420	6 bar
CELL-CONDENSE 480	77,6-450,8	85,2-484	6 bar
CELL-CONDENSE 520	78-490	86-524	6 bar
CELL-CONDENSE 600	78-552	86-604	6 bar
CELL-CONDENSE 630	83,4-588	92,4-630	6 bar
CELL-CONDENSE 720	116,4-676,2	127,8-726	6 bar
CELL-CONDENSE 780	117-735	129-786	6 bar
CELL-CONDENSE 840	111,2-784	123,2-840	6 bar
CELL-CONDENSE 900	117-828	129-906	6 bar
CELL-CONDENSE 960	155,2-901,6	170,4-968	6 bar
CELL-CONDENSE 1040	156-980	172-1048	6 bar
CELL-CONDENSE 1050	139-980	154-1050	6 bar
CELL-CONDENSE 1200	156-1104	172-1208	6 bar
CELL-CONDENSE 1210	194-1127	213-1210	6 bar
CELL-CONDENSE 1260	166,8-1176	184,8-1260	6 bar
CELL-CONDENSE 1310	195-1225	215-1310	6 bar
CELL-CONDENSE 1470	232,8-1352,4	255,6-1470	6 bar
CELL-CONDENSE 1510	195-1380	215-1510	6 bar
CELL-CONDENSE 1570	234-1470	258-1572	6 bar
CELL-CONDENSE 1810	234-1656	258-1812	6 bar
CELL-CONDENSE 2000	278 - 1946	306 - 2130	6 bar
CELL-CONDENSE 2100	293 - 2058	323 - 2201	6 bar

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MODEL NAME / MODEL ADI	CAPACITY (Min-Max. 80/60 °C) ( kW)	CAPACITY (Min-Max. 50/30 °C) ( kW)	PRESSURE
ECODENSE FTC-NV 9	126-936	140-1000	6 bar
ECODENSE FTC-NV 10	145-1040	162-1110	6 bar
ECODENSE FTC-NV 11	160-1130	178-1205	6 bar
ECODENSE FTC-NV 12	174-1220	194-1305	6 bar
ECODENSE FTC-NV 13	195-1315	215-1400	6 bar
ECODENSE FTC-NV 14	208-1423	232-1520	6 bar
ECODENSE FTC-NV 15	222-1544	248-1650	6 bar
ECODENSE FT-SS-175	44,3-196	48,3-214,2	6 bar
ECODENSE FT-SS-250	32,5-244,5	35,4-267,8	6 bar
ECODENSE FT-SS-350	46,3-342,0	50,5-375,2	6 bar
ECODENSE FT-SS-450	59,1-439,7	64,6-482,4	6 bar
ECODENSE FT-SS-550	68,9-536,3	75,1-589,1	6 bar
ECODENSE FT-SS-650	83,6-635,7	91,4-697,5	6 bar
ECODENSE FT-SS-750	98,8-732,8	107,6-805,5	6 bar
ECODENSE FT-SS-850	103,2-829,6	112,7-910,4	6 bar
ECODENSE FT-SS-950	113,2-925,3	123,5-1018,4	6 bar
ECODENSE FT-SS-1100	127,8-1073,6	139,9-1179,2	6 bar
ECODENSE FT-SS-1250	147,0-1221,3	160,8-1343,8	6 bar
ECODENSE FT-SS-1350	295,5 - 1319	322,2 - 1447,2	6 bar
ECODENSE FT-SS-1500	181,7-1467,0	198,1-1612,5	6 bar
ECODENSE FT-SS-1650	361,2 -1612	394,5 -1768,8	6 bar
ECODENSE FT-SS-1800	392,8 - 1760	428,4 -1935	6 bar
ECODENSE FT-SS-1950	426,4 - 1907	465 - 2088,5	6 bar
ECODENSE FT-SS-2100	459,7 - 2052	502,1 -2251,2	6 bar
ECODENSE FT-SS-2250	490 - 2198	536-2418,8	6 bar
ECODENSE FT-SS-2400	524,8 -2342	573,3 -2575,2	6 bar
ECODENSE FT-SS-2500	545,6 - 2445	595 - 2687,5	6 bar
ECODENSE WT-S ONE HW 24	7,5-19,2	8,9-22,1	10 bar
ECODENSE WT-S ONE HW 28	5,49-27,4	5,82-29,51	10 bar
ECODENSE WT-S ONE HW 32	6,27-31,46	6,65-33,71	10 bar
ECODENSE WT-S ONE HW 35	7,07-34,35	7,45-36,58	10 bar

GAZ KATEGORİSİ / BASINÇ	HEDEF ÜLKELER	BACA TİPİ
I2H / 20 mbar I3B/P / 30 mbar	AT, BG, CH, CY, CZ, DK, EE, ES, FI, GB, GR, IE, IS, IT, LU, LV, NO, PL, PT, RO , SE, SI, SK ,TR, GE	C13, C33,B23