

FTC TITAN

Condensing Fire Tube Boiler

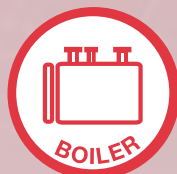


FEATURES

- ☑ Up to 97% efficiency
- ☑ 5 year heat exchange warranty
- ☑ 316Ti Titanium stainless steel condensing section
- ☑ Up to 6:1 modulation turndown
- ☑ 600 kPa operating pressure
- ☑ Volt free BMS interface for Run, flame failure, High temp cutout
- ☑ Remote temp reset capable
- ☑ Relief valve (supplied loose)
- ☑ Pressure and temperature gauge fitted
- ☑ Compact footprint

OPTIONS

- ☑ Operating pressure up to 1100 kPa
- ☑ 2205 Duplex Stainless Steel Condensing Section
- ☑ Hi level BMS
- ☑ Weatherproof cabinet
- ☑ Condensate neutraliser kit



AIRA

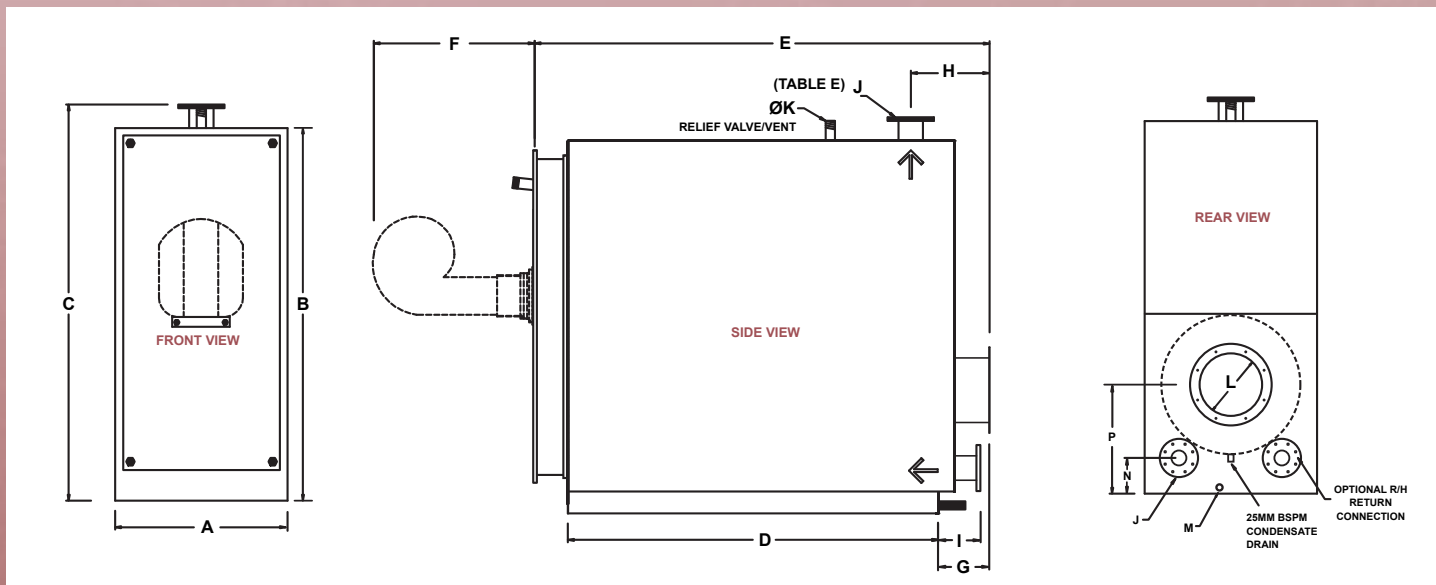
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FTC TITAN

Condensing Fire tube Steel Boiler



DIMENSIONS (mm)

MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P
180	680	1220	1370	910	1250	600	200	320	170	50	20	200	25	150	430
220	680	1220	1370	910	1250	600	200	320	170	65	25	250	25	150	460
260	720	1300	1450	1125	1495	600	200	340	170	80	25	250	25	180	460
300	720	1300	1450	1285	1655	680	220	360	170	80	25	300	25	180	460
350	780	1450	1600	1515	1945	680	220	360	170	80	25	300	25	180	500
450	780	1450	1600	1515	1945	680	220	360	170	80	25	300	25	180	520
550	840	1700	1850	1515	1945	800	250	430	190	100	32	300	25	200	560
650	840	1700	1850	1815	2265	800	250	430	190	100	32	350	32	200	560
750	920	1980	2100	1650	2100	800	250	430	190	100	32	350	32	200	600
850	920	1980	2100	1815	2265	800	250	430	190	100	32	350	32	200	600
1050	1000	2050	2170	2015	2465	950	250	450	220	125	50	400	32	250	620
1250	1000	2050	2170	2250	2700	950	250	450	220	125	50	400	32	250	620
1400	1000	2050	2170	2420	2900	950	280	480	220	125	50	400	32	250	640
1600	1120	2150	2270	2420	2900	1050	280	480	220	125	50	400	32	250	640
1800	1120	2150	2270	2700	3250	1050	300	550	220	150	65	500	50	300	680
2000	1150	2250	2370	3000	3550	1050	300	550	220	150	65	500	50	300	680

SPECIFICATIONS (mm)

FTC MODEL	180	220	300	350	450	550	650	750	850	1050	1250	1400	1600	1800	2000
Kw output 50/30C	188	227	310	363	466	568	669	773	876	1082	1288	1442	1648	1854	2060
Kw output 60/50C	180	220	300	350	450	550	650	750	850	1050	1250	1400	1600	1800	2000
Kw output 80/60C	175	214	293	342	440	539	636	729	831	1031	1226	1372	1568	1762	1960
Thermal Efficiency 50/30C	96.5	95.5	97	96	96.5	96	95.5	97	96.2	96	96.5	97	96.2	95.5	95.5
Thermal Efficiency 80/60C	91.8	90.5	92	91	91.8	91	90.5	92	91.1	91	91.8	92	91.1	91	91
MJ Input 80/60C	710	860	1180	1380	1780	2160	2355	2890	3240	4010	4815	5490	6280	7380	7810
Min Gas Pressure Kpa	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Max Gas Pressure Kpa	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Flue Gas Temp at 50/30c	58	59	56	58	58	58	59	56	58	58	58	56	58	59	59
Flue Gas Temp at 80/60c	77	79	75	77	77	77	79	75	77	77	77	75	77	79	79
Condensate Flow l/h at 50/30c	14	18	24	32	36	44	53	66	70	82	102	120	134	145	158
Max Operating Pressure Kpa	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
Flow Rate L/S at 20c TD	2.1	2.6	3.6	4.2	5.3	6.6	7.7	8.2	10	12.4	14.8	16.6	18.9	21.4	23.7
Flow Rate L/S at 10c TD	4.2	5.2	7.2	8.4	10.6	13.2	15.4	16.4	20	25	29.6	33.2	37.8	42.8	47.4
Press Drop Kpa at 20c TD	0.3	0.3	0.4	0.4	0.9	0.8	1.6	0.9	1.3	1.5	1.7	1.2	1.6	2.4	2.9
Press Drop Kpa at 10c TD	0.7	0.8	1.1	1.3	3.3	3.1	5.2	3.3	4.8	5.2	5.6	4.6	5.2	7.6	8.1
Power PH / Amps	1 / 2.1	1 / 2.1	1 / 3.2	1 / 3.5	1 / 3.5	3 / 2.8	3 / 2.8	3 / 2.8	3 / 3.4	3 / 3.4	3 / 5.1	3 / 5.1	3 / 9.1	3 / 9.1	3 / 9.1
Water Content Litres	190	240	320	350	520	580	610	660	660	740	850	980	1100	1420	1550
Weight Dry KG	860	990	1100	1180	1250	1460	1580	1760	1950	2210	2440	2800	3220	3500	4100

Specifications subject to change without notice. Warranty conditional on verified maintenance.



Head Office - Victoria

144 Colchester Rd
Bayswater North VIC 3153
Tel: 61 3 9728 5566
Fax: 61 3 9761 4732
www.aira.com.au
aira@aira.com.au

Queensland

Ecohvac
Unit 1/5 Westerway St
Slacks Creek Qld 4127
Tel: (07) 3808 9400
Fax: (07) 3808 6955
sales@ecohvac.com.au

New South Wales

Ecohvac
Suite 1.10 46-50 Kent Rd
Mascot NSW 2020
Tel: (02) 9669 4500
Fax: (02) 9669 4700
sales@ecohvac.com.au

South Australia & NT

Industrial Air
Unit 2 100-104 Haywood Ave
Torrensville SA 5031
Tel: (08) 8354 0088
Tel: (08) 8352 4919
Fax: (08) 8352 4919
sales@industrialair.com.au

Western Australia

A-West
Unit 15 52 Kent Street
Cannington WA 6107
Tel: (08) 9258 5670
Fax: (08) 9258 5671
info@awest.com.au

Tasmania

HVAC Supplies
6/14 Broadland Drive
Newstead TAS 7250
Ph: 03 6331 4209
Ph: 03 6333 0224
Email: info@hvac-supplies.net