

TUMBLE DRYERS

TTD 28 · 40 · 60 · 110



STANDARD FEATURES & BENEFITS

- Industrial tumble dryer
- Stainless steel drum for long life and to avoid corrosion
- Fully insulated, energy-saving drum
- Reversing drum for efficient drying of large items
- Wide hatch sliding doors for easy loading & unloading with window
- Large and easily accessible and removable stainless steel filter with window for visual management
- Hinged lint filter door for easy opening & cleaning
- Flexible and freely programmable control with large display for easy operation and perfect management of your laundry business
- Clear status light indication for easy and quick visual management
- Adjustable feet (fixed on TTD 110)
- Forward tilting on TTD 110 for easy unloading
- Sprinkler device for fire suppression on all gas tumblers
- Pressure switch on all models for efficient drying
- Electric solenoid valve on TTD 28 · 40 · 60
- Pneumatic steam valve on TTD 110
- Fresh air intake flap for cool down on TTD 110 steam
- Standard Inverter drive

OPTIONS

- Pneumatic steam valve on TTD 28 · 40 · 60
- Residual moisture control + variable speed for perfect drying of delicate linen
- Fresh air intake flap for fast cool down on TTD 28 · 40 · 60
- Adjustable speed of the drum
- Heat recirculation for more efficient drying and lower energy consumption
- Sprinkler device for fire suppression on steam heated models
- Steam inlet hose
- Stainless steel high pressure steam coil (max. 12 bar)
- Infrared sensor

TOLON

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MODEL		UNIT	TTD28	TTD40	TTD60	TTD110
CAPACITY						
Dry load		lb	61.7	88	132	242.5
Performance	Gas	lb/h	105	149	224	363
	Steam	lb/h	93	132	198	364
	Electric	lb/h	82	118	176	323
Evaporation rate	Gas	gal/h	7.39	10.56	16.37	28.26
		ft³/h	0.98	1.41	2.18	3.77
	Steam	gal/h	6.34	8.98	14	24.3
		ft³/h	0.85	1.2	1.87	3.24
	Electric	gal/h	5.54	7.66	11.88	N/A
		ft³/h	0.74	1.02	1.59	N/A
Cycle duration	Gas	min	30-35	30-35	30-35	40
	Steam	min	35-40	35-40	35-40	35-40
	Electric	min	40-45	40-45	40-45	N/A
DRUM						
Drum diameter		in	38.58	48.43	48.43	53.62
Drum depth		in	27.55	26.77	37.68	63.77
Drum volume		gal	139	213	300	623
		ft³	18.64	28.53	40.15	83.34
DOOR (SLIDING)						
Door opening Φ		in	23.62	28.14	28.14	34.84
HEATING POWER						
Electrical heating element		kW	31.2	36	45	N/A
Steam heat exchanger	6 bar	kW	28	45	50	120
		Btu	95540	153546	170607	409457
	12 bar	kW	30	50	60	135
		Btu	102364	170607	204728	460639
Gas burner		kW	44	55.24	71.12	150.27
		Btu	150134	188487	242672	512743
ELECTRIC RATING						
Drum motor power		hp	0.737	1.475	1.475	7.373
Fan motor power	Electric	hp	1.475	2.949	2.949	10.054
	Steam/gas	hp	1.475	4.02	4.02	10.054
ELECTRIC						
Electric consumption ¹	Electric ²	kW/h	32	39	48	N/A
	Steam	kW/h	1	1.15	1.25	8
	Gas	kW/h	1	1.15	1.25	8
STEAM						
Steam valve connection Φ		DN	25	25	25	50
		BSP	1"	1"	1"	2"
Steam condenser Φ		DN	20	25	25	25
		BSP	¾"	1"	1"	1"
Steam pressure (min-max)	6 bar	psi	58-87	58-87	58-87	58-87
	12 bar	psi	145-174	145-174	145-174	145-174
Steam consumption ¹		lb/cycle	88	176	264	396
GAS						
Gas connection Φ		DN	15	15	15	15
		BSP	1/2"	1/2"	1/2"	1/2"
Gas pressure (min-max)	Natural gas	psi	0.29-0.73	0.29-0.73	0.29-0.73	0.29-0.73
	LPG	psi	0.43-0.87	0.43-0.87	0.43-0.87	0.43-0.87
Gas consumption (per hour) ¹	Natural gas	ft³/h	158.9	201.64	259.56	548.43
		cu yd/h	5.8	7.46	9.61	20.31
	LPG	ft³/h	60	74.16	98.88	222.48
		cu yd/h	2.2	2.74	3.66	8.24
Gas Consumption (per cycle) ¹	Natural gas	ft³/cycle	88.28	105.59	134.19	339.37
		cu yd/cycle	3.26	3.91	4.97	12.56
	LPG	ft³/cycle	32.48	38.84	51.2	130.66
		cu yd/cycle	1.2	1.43	1.89	4.83

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AIR DATA

Air connection Φ	in	0.314	0.314	0.314	0.393
Air consumption	gal/min	15.85	15.85	15.85	31.7
	ft³/min	2.11	2.11	2.11	4.23
Air pressure	psi	87-116	87-116	87-116	87-116

SPRINKLER DATA

Water connection Φ	BSP	¾"	¾"	¾"	¾"
Water pressure (min-max)	psi	29-58	29-58	29-58	29-58
Water flow capacity (min)	gal/h	264	264	264	264
	ft³/h	35.29	35.29	35.29	35.29

EXHAUST DATA

Exhaust Connection Φ	in	7.874	7.874	7.874	11.81
Airflow	Electric	ft³/h	61800	88286	91818
		cu yd/h	2289	3270	3400
	Steam/gas	ft³/h	63566	97115	98881
		cu yd/h	2354	3596	3662

PROGRAMMABLE CONTROL

3 default programs (max 20)	Std	Std	Std	Std
LCD display 80x50 mm	Std	Std	Std	Std

DIMENSIONS (WDXH)

Net	Electric	in	45.90 x 59.92 x 77.59	55.74 x 60.15 x 86.25	55.74 x 70.98 x 86.25	N/A
	Steam	in	45.90 x 59.92 x 77.83	55.74 x 60.15 x 93.54	55.74 x 70.98 x 93.54	62.20 x 107.48 x 106.29
	Gas	in	45.90 x 59.92 x 79.09	55.74 x 60.15 x 87.75	55.74 x 70.98 x 87.75	62.20 x 107.48 x 98.42
Packed	Electric	in	47.16 x 62.59 x 78.58	56.96 x 62.79 x 87.20	56.96 x 73.62 x 87.20	N/A
	Steam	in	47.16 x 62.59 x 78.81	56.96 x 62.79 x 90.59	56.96 x 73.62 x 90.59	"66.92 x 108.66 x 95.27 27.55 x 66.92 x 25.59"
	Gas	in	47.16 x 62.59 x 80.03	56.96 x 62.79 x 88.74	56.96 x 73.62 x 88.74	"66.92 x 108.66 x 95.27 27.95 x 38.18 x 52.36"

WEIGHT

Net	Electric	lb	1014	1355	1466	N/A
	Steam	lb	1003	1521	1609	4574
	Gas	lb	1047	1466	1554	4056
Packed	Electric	lb	1069	1410	1532	N/A
	Steam	lb	1058	1576	1675	5015
	Gas	lb	1107	1521	1620	4541
Steam heat exchanger	Net	lb	included	included	included	606
	Packed	lb	included	included	included	661
Combustion Chamber	Net	lb	included	included	included	88
	Packed	lb	included	included	included	187

SOUND PRESSURE

Sound level	db(A)	< 63.7	< 63.7	< 63.7	< 63.7
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¹ Consumption figures with 100% cotton and 50% initial moisture dried to 0%

² Measured on 400V