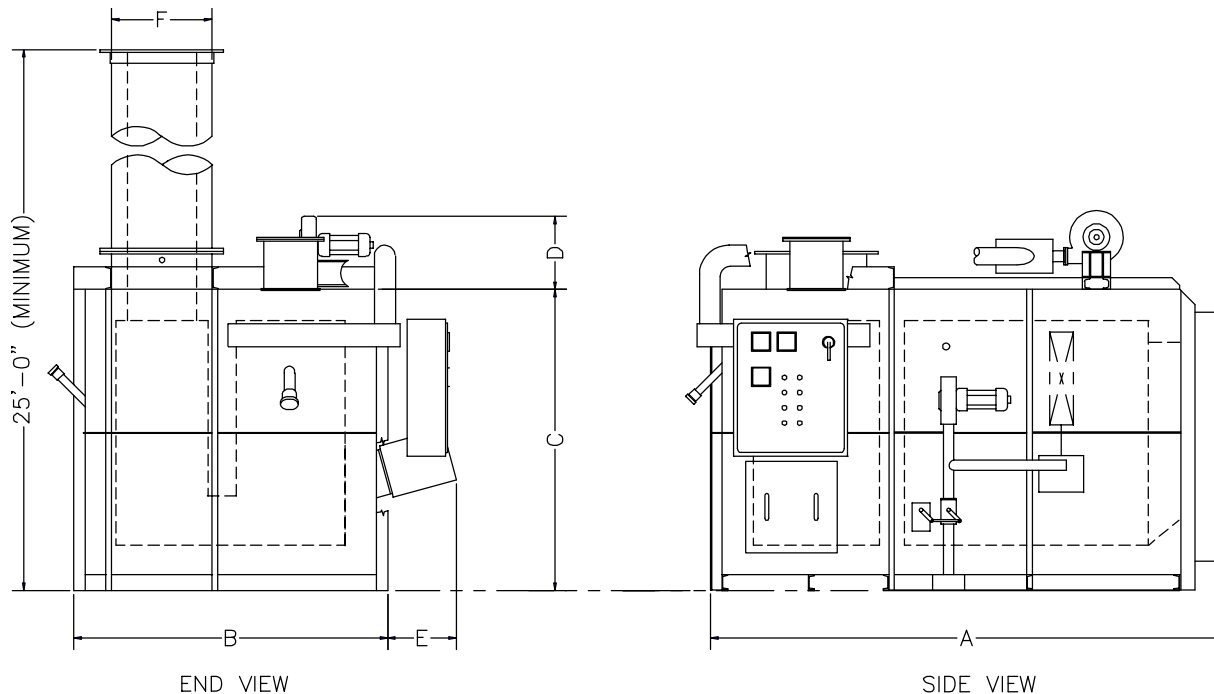


TRECAIRE[®] INCINERATORS: Capacities

Batch Feed Models

Trecaire Controlled-Air Batch Feed Incinerators are available in nine standard models as shown below. Ram feed models are available in capacities of up to one ton per hour. For details, contact Trecaire Combustion Limited.



MODEL	PRI. CHAMBER VOLUME (cu. ft.)	INCINERATION RATE (lbs/hr)		DIMENSIONS						*Weight (lbs)
		DRY WASTE	PATHO. REMAINS	A	B	C	D	E	F	
1	10	30	35	6'-1"	4'-1"	3'-10"	1'-3"	1'-3"	1'-2"	9,000
1.5	20	45	55	6'-10"	4'-8"	4'-8"	1'-3"	1'-3"	1'-4"	10,500
2	32	60	70	7'-4"	4'-8"	5'-8"	1'-6"	1'-6"	1'-6"	12,500
3	55	100	100	8'-3"	5'-1"	6'-8"	1'-6"	1'-6"	1'-8"	15,000
7	85	180	160	9'-9"	6'-0"	6'-8"	1'-6"	1'-6"	2'-2"	18,700
11	138	275	260	11'-9"	7'-0"	6'-8"	1'-10"	1'-6"	2'-4"	24,700
21	224	400	360	12'-6"	7'-11"	7'-8"	2'-5"	1'-6"	2'-8"	30,000
36	300	500	500	15'-7"	8'-1"	8'-8"	2'-5"	2'-0"	3'-2"	35,000
52	500	650	700	19'-2"	8'-1"	8'-8"	2'-5"	2'-0"	3'-5"	50,700

* Excludes Stack

TRECAN

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NOTES:

- 1) Dry waste capacities are based on typical mixed waste, comprising types A, B, C, J and K, having an average heating value of 6500 Btu/lb.
- 2) Capacities for pathological remains are based on total hearth area.
- 3) Primary chamber can normally be loaded to 90% capacity.
- 4) Incineration rate is based on a secondary chamber retention time of 1 second at 1000°C (1832°F).

WASTE CLASSIFICATION STANDARDS:

Waste Type	Description	Typical Analysis	Moisture (% weight)	Density (lbs/ft ³)	Heat Content (Btu/lb)
A (0)	Dry industrial & commercial rubbish.	Cardboard, dry paper, wooden pallets, floor sweepings, plastic bags.	10	5	8500
B (1)	General industrial commercial & domestic rubbish.	Cardboard, paper, floor sweepings, up to 20% kitchen waste.	25	10	6500
C (2)	Refuse.	Kitchen & domestic wastes, wet paper, floor sweepings, garden waste.	50	15	4300
J (4)	Pathological materials.	Hospital dressing, disposable bedding, gowns, etc.	10-30	5-15	4500-8000
K (4)	Pathological remains.	Dead animals, human tissue, etc.	85	25-75	1000

Types A, B, C, J and K refer to CSA standard Z103-1976.
Types 0, 1, 2 and 4 refer to USA standard 1.1.A.