



Sanitary Napkin Disposal Machines

Disposal D Series



Detail Specification

GENERAL

1	Type	Wall Mountable
2	Purpose	Burn used Sanitary Napkins to sterile ash and stop automatically
3	Color	Black, Blue, Green
4	Operation Mode	Electronically operated, fully Automatic
5	Loading Type	Front loading
6	Stand provided	No
7	Number of chambers	2
8	Trap Door available	Yes
9	All MS parts Powder coated	Yes
10	Spare parts should be available for Minimum 5 years from date of supply	Yes
11	All electrical parts are ISI Marked	Yes

DIMENSIONS

1	Thickness of thermal Insulation material (mm)	25 millimeter
2	Thickness of MS/SS sheet of housing cabinet (external) (mm)	1.2 millimeter
3	Thickness of MS/SS sheet of burning chamber (internal) (mm) (Min)	3 millimeter
4	Machine Width(mm)	200-300
5	Machine Depth (mm)	201-300
6	Machine Hight(mm)	501-700
7	Machine Weight(kg)	12--20
8	Door width(mm)	101-150

9	Door height(mm)	101-150
10	Thickness of door including insulation (mm)	20 millimeter
11	Internal/burning chamber shape	Rectangular cubical
12	Flexible emission Outlet pipe dia (mm)	25 millimeter
13	Detachable ash tray length (mm)	100-150
14	Detachable ash tray width (mm)	100-150
15	Detachable ash tray height (mm)	10--20
16	Stand Height (mm)	0 millimeter
17	Stand Width (mm)	NA for wall mountable
18	Stand Depth (mm)	NA for wall mountable

MATERIAL OF MACHINE UNIT

1	Material of Housing cabinet (External)	Mild Steel(CRCA) sheet
2	Material of Burning chamber (Internal)	Mild Steel(CRCA) sheet
3	Finish of MS parts of cabinet	Epoxy anti rust proof painting
4	Material of Thermal Insulation	High Density Ceramic Fiber sheet

CONSTRUCTIONAL FEATURES

1	Thermal insulation of burning chamber housed in outer chamber	Yes
2	Burning Chamber tray provided	Yes
3	Emission Outlet pipe location	Top of machine
4	Means of connecting the unit outlet with flue gas en	Clamped
5	Type of door lock provided	Magnetic lock, Latch

CONTROL & FUNCTIONAL FEATURES

1	Temperature indicator provided	Yes
2	Timer provided	Yes
3	Auto cut-off temperature display	Yes
4	Digital display to see actual and set temperature	Yes
5	Minimum Burning temperature (degree C)	800
6	Burning Capacity per day (Number of Napkins)	Approx 100
7	Burning Capacity at a time (Number of Napkins)	15
8	Residue Ash per Napkin (gms)	1 gram
9	Burning time of full capacity Napkins/pads (minutes) (Max)	10 minute
10	Skin temperature of the unit under operation (deg C)	16-20
11	Installation, training, demonstration and plumbing included	Yes

ELECTRICAL AND SAFETY FEATURES

1	Automatic digital controller for time	Yes
2	Automatic digital controller for temperature	Yes
3	Equipment ON/OFF indicator provided	Yes

4	Power supply	230v +/-10%, 50Hz, Single phase, AC supp
5	Electrical Power Consumption(Watt)	1200
6	Minimum length of power chord to be supplied along with machine (mtr)	1.5
7	Type of Heater	Ceramic heater containing coil
8	Power saver (auto power cut-off)	Yes
9	Safety MCB provided (16A to 30A)	Yes
10	Protection against electric shock when checked as per IS:302-1/2008	Yes
11	Minimum Insulation Resistance (IR) at 500 VDC (Mega Ohm)	2
12	Maximum Electrical Insulation and Leakage current as per IS:302-1/2008, (mA)	0.21
13	Maximum Earthing continuity test when tested as per IS:302-1/2008 (Ohm)	0.1
14	HV test at 1000 V rms for 1 Sec when tested as per IS:302-1/2008	No breakdown shall occur during the test

EMISSION STANDARD FOR SMOKE

1	Conformity to CPCB, Min of Environment & Forests standard, Solid Waste Management Rules (SWM), 2016	Yes
2	Particulates (Half hourly average) (mg/Nm3) (Max)	50
3	HCl (Half hourly average) (mg/Nm3) (Max)	50
4	SO2 (Half hourly average) (mg/Nm3) (max)	200
5	CO (Half hourly average) (mg/Nm3) (Max)	100
6	CO (Daily average) (mg/Nm3) (Max)	50
7	Total Organic Carbon (Half hourly average) (mg/Nm3) (Max)	20
8	HF (Half hourly average) (mg/Nm3) (Max)	4
9	"Nox (NO and NO2 expressed as NO2) (Half hourly average) (mg/Nm3) (Max)"	400
10	Total dioxins and furans (6 to 8 hours sampling basis, Please refer guidelines for 17 concerned congeners for toxic equivalence values to arrive at total toxic equivalence) (ng TEQ/Nm3) (Max)	0.1
11	Cd + Th + their compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm3) (Max)	0.05
12	Hg and its compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm3) (Max)	0.05
13	Sb+As+Pb+Cr+Co+Cu+Mn+Ni+V+their compounds (Sampling time anywhere between 30 minutes and 8 hours) (mg/Nm3) (Max)	0.5

14	Loss on ignition (max) (% dry weight of the material)	5
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PACKING

	Type of Packing	Carton Box
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MS MACHINES