



SANKYO

INCINERATOR



Japan Technology

Product Incinerator



ACI- 20 Series 2

1 Ton/day

ACI- 50 Series 1

3 Ton/day

ACI- 80 Series 1

5 Ton/day

ACI- 120 Series 3

9 Ton/day

Since 2017, PT Addon Cadiac Alfa has been awarded sole distributorship of Sankyo incinerator. SANKYO incinerator is a natural airflow-controlled solid waste incinerator developed with Japan Technology.

The advantage of our incinerator is that it is ecofriendly and eco green, as it does not require any fuel, electricity, gas or oil to operate. Therefore, there is No Smoke, No Smell, No Toxic Gas and No Pollution produced from our equipment. Our product has been a success story, referenced by more than 320 projects in Thailand, Vietnam, Cambodia, Laos and Indonesia. Because it is economical and easy to operate, our solid waste incinerator will save you valuable money.



NATURAL AIR FLOW INCINERATOR



No Pollution



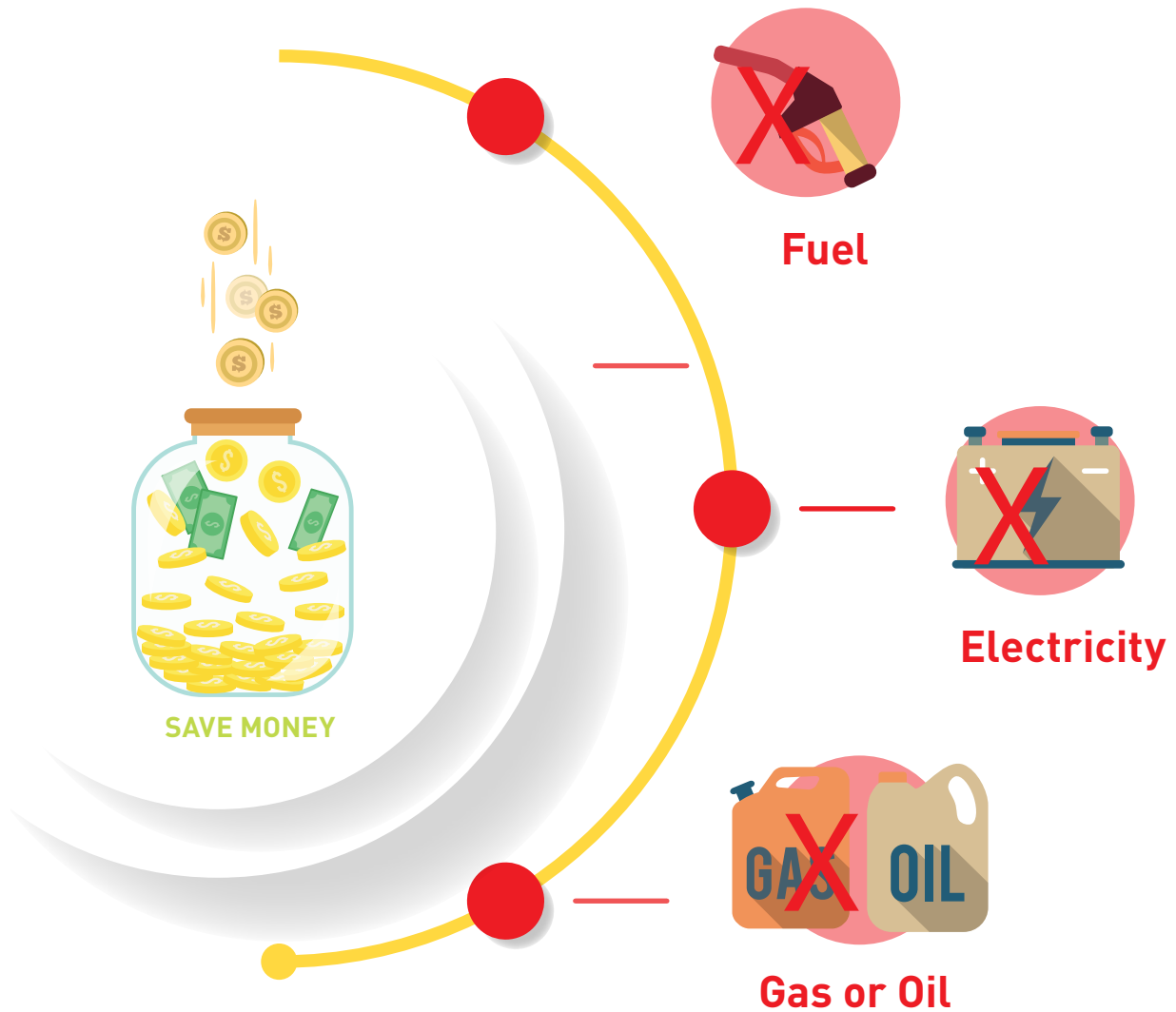
No Smoke



No Smell



No Toxic
Gasses



HOW TO OPERATE THE INCINERATOR:

DESIGNED FOR:

- City
- Government
- Medium & Large enterprise
- Island
- Airport



1. Load the dry garbage into the compartment



2. Using a lighter or a matchstick, light a fire in the compartment



3. The incinerator will start burning the garbage

SOLID WASTE
AIR CONTROLLED INCINERATOR'S
REFERENCED BY MORE THAN 320 PROJECTS



NATURAL AIR FLOW

SAVE MONEY - NO FUEL, ELECTRICITY, GAS OR OIL REQUIRED
ENVIRONMENT-FRIENDLY



ACI-20 Series 2

20 - 40kg/hr
Max 960 kg/24 hr

Designed for:

- Small Village
- Small Hotel
- Small Resort
- Small Market
- Hospital & Clinic



ACI-50 Series 1

50 - 125kg/hr
Max 3000 kg/ 24 hr

Designed for:

- Airport
- Small Island
- Big Hotel/Resort
- Small & medium-sized Enterprises
- Municipal solid waste



ACI-80 Series 1

80 - 240kg/hr
Max 5000 kg/24 hr

Designed for:

- Airport
- Small Island
- Big Hotel/Resort
- Municipal solid waste
- Small & medium-sized Enterprises



ACI-120 Series 3

120 - 380kg/hr
Max 9000 kg/24 hr

Designed for:

- Airport
- Island
- Municipal solid waste
- Medium & big-sized Enterprises

Product Details

ACI-20 SERIES 2

Garbage Burning Power

20 - 40 kg/hr

Max 960 kg/24 hr

Materials

- Heat Resistant Cement (Fireclay)
- Ceramic Fiber
- Structure Steel 6mm thick
- Steel Plate at least 3mm thick
- Stainless Steel Chimney

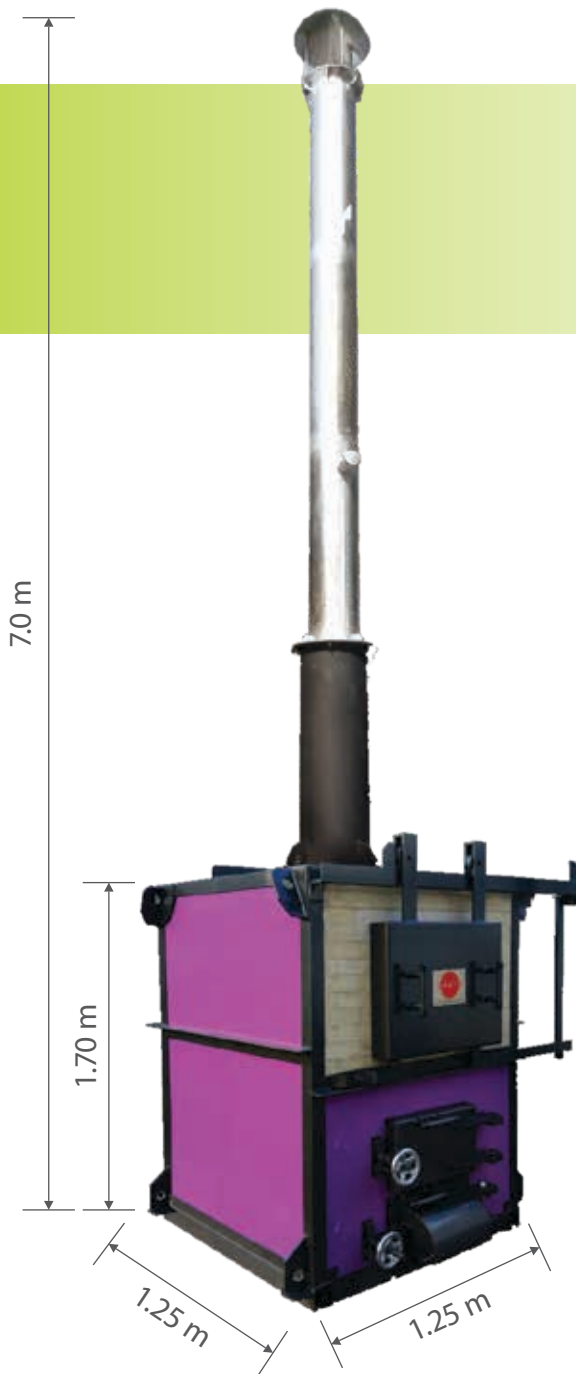
Specification

- Size: Width 780 mm; Length 1350 mm; Height 1200 mm
- Chimney Height from Floor: 5000mm
- System: Natural air flow incinerator
- Technology: Twin Chambers
- Twin Chambers: Burn garbage, eliminate smoke, gas, smell and trap dust at 400-800c
- Total Weight: 800 kg
- Warranty 1 year



Product Details

ACI-50 SERIES 1



Garbage Burning Power

50 - 125 kg/hr

Max 3000 kg/24 hr

Materials

- Firebrick SK-34
- Insulator Brick B-1
- Heat Insulator Cement Cast 13ES, Cast 13LW
- Heat Insulator Cement Cast 15ES
- Ceramic Fiber Temp 1,200° C
- Structure Steel at least 6 mm thick
- Steel plate at least 3 mm thick

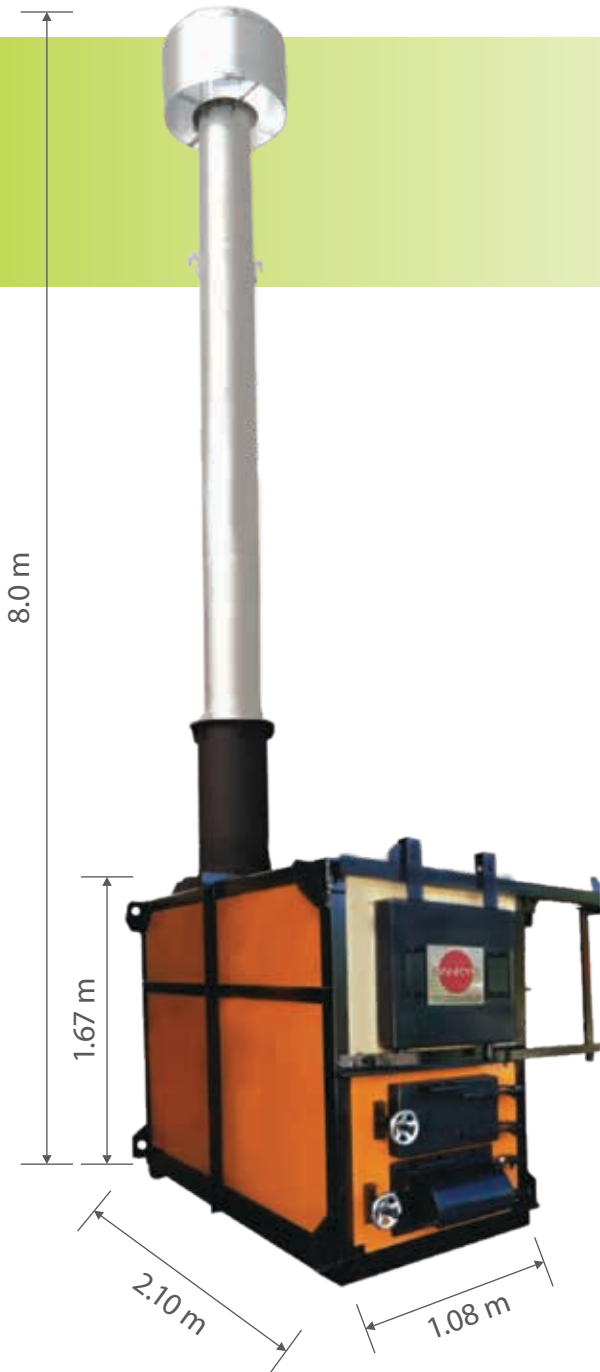
Specification

- Size: (W)1250 mm x (L)1250mm x (H)1700mm, flue H 4000mm
- Chimney Height from floor: 7000mm
- System: Natural air flow incinerator
- Technology: Twin Chambers
- Twin Chambers: Burn Garbage, eliminate smoke, gas, smell and trap dust at 600–900c
- Chamber 1 – Burn Garbage at 600 – 800 Celsius
- Chamber 2 – Eliminate smoke, gas, smell and trap dust at 700 – 900 Celsius
- Total Weight: 3000 Kg
- Warranty 1 year
- Garbage (waste) is used as self-burning fuel. Ignited by match or lighter
- Work 24 hours continuously
- Useful Life ≥5 Years



Product Details

ACI-80 SERIES 1



Garbage Burning Power

- Mix 50% wet & 50% dry waste
80 - 160 kg/hr
Max 3840 kg/24 hr
- Mix 25% wet & 75% dry waste
80 - 240 kg/hr
Max 5760 kg/24 hr

Materials

- Firebrick SK-34
- Insulator Brick B-1
- Heat Insulator Cement Cast 13ES, Cast 13LW
- Heat Insulator Cement Cast 15ES
- Ceramic Fiber Temp 1,200° C
- Structure Steel at least 6 mm thick
- Steel plate at least 3 mm thick

Specification

- Size: (W)1080 mm x (L)2100mm x (H)1670mm
- Chimney Height from floor: 8000mm
- System: Natural air flow incinerator
- Technology: Twin Chambers
- Twin Chambers: Burn Garbage, eliminate smoke, gas, smell and trap dust at 600-900c
- Chamber 1 – Burn Garbage at 600 – 800 Celsius
- Chamber 2 – Eliminate smoke, gas, smell and trap dust at 700 – 900 Celsius
- Total Weight: 4000 Kg
- Warranty 1 year
- Garbage (waste) is used as self-burning fuel. Ignited by match or lighter
- Work 24 hours continuously
- Useful Life ≥5 Years



Product Details

ACI-120 SERIES 3



Garbage Burning Power

- Mix 50% wet & 50% dry waste
120 - 240 kg/hr
Max 5760 kg/24 hr
- Mix 25% wet & 75% dry waste
120 - 380 kg/hr
Max 9120 kg/24 hr

Materials

- Firebrick SK-34 ST64
- Insulating Brick JIS B1 ST64
- Extra Strength Fireclay Castable Cast 13ES
- Extra Strength High Alumina Castable Cast 15 ES
- High-Duty Heat-Setting Mortar SK-30HM 30AM
- Ceramic Fiber C/F BLK 1260 D.128
- Structure Steel at least 6 mm thick
- Steel plate at least 3 mm thick
- Stainless Steel Chimney

Specification

- Size: (W)1400 mm x (L)2560mm x (H)2300mm
- Chimney Height from floor: 9000mm
- System: Natural air flow incinerator
- Technology: Three Chambers
- Three Chambers: Burn Garbage, eliminate smoke, gas, smell and trap dust at 600-900c
- Total Weight: 8500 Kg
- Warranty 1 year
- Garbage (waste) is used as self-burning fuel. Ignited by match or lighter
- Work 24 hours continuously
- Useful Life ≥5 Years





SANKYO INCINERATOR (THAILAND) CO., LTD.

437 MOO 1, T. BANSADET, A. MUANG LAMPANG, LAMPANG 52000 THAILAND

Bureau Veritas Certification Holding SAS - UK Branch certify that
the Management System of the above organisation has been audited and found to be in
accordance with the requirements of the management system standards detailed below

Standards

ISO 9001:2015

Scope of certification

DESIGN AND MANUFACTURING AND SALES OF WASTE INCINERATOR

Original cycle start date: 31 May 2019
Expiry date of previous cycle: NA
Certification Audit date: NA
Certification cycle start date: 31 May 2019

Subject to the continued satisfactory operation of the organisation's Management System,
this certificate expires on: 30 May 2022

Certificate no. TH013777

Version 01, Revision date : 31/05/2019



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Certification body address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom
Local office: Bureau Veritas Certification (Thailand) Ltd, 16th Floor, Bangkok Tower, 2170 New Petchburi Road,
Bangkapi, Huaykwang, Bangkok 10310, Thailand

Further clarifications regarding the scope of this certificate and the applicability of the management system
requirements may be obtained by consulting the organisation.
To check this certificate validity please call: +662 670 4800





KEMENTERIAN LINGKUNGAN HIDUP DAN KEHUTANAN

SEKRETARIAT JENDERAL

Gedung Manggala Wanabakti, Jalan Gatot Subroto

Jakarta 10270, Kotak Pos 6505

Telepon : 5730191, Faximile : 5738732

18 Maret, 2020

Nomor : S. 279/SETJEN/SLK/STD.2/3/2020
Lampiran : 1 (satu) berkas
Hal : Registrasi Teknologi Ramah Lingkungan
Incinerator Sampah Domestik merk "SANKYO"

Yth.

Direktur PT ADDON CADIAC ALFA

One Pacific Place Buileding, Lantai 11

Jl. Jend. Sudirman Kav. 52-53 SCBD, Jakarta

Menindaklanjuti surat Direktur Utama PT ADDON CADIAC ALFA No: 12/SPTRL/27-12/2019 tanggal 27 Desember 2019 perihal Permohonan Registrasi Alat/Teknologi Ramah Lingkungan, maka bersama ini disampaikan bahwa:

1. Merujuk:
 - a. Undang-undang Nomor 32 Tahun 2009 tentang Perlindungan dan Pengelolaan Lingkungan Hidup, Pasal 63 ayat 1 butir v bahwa Pemerintah mengoordinasikan, mengembangkan, dan menyosialisasikan pemanfaatan teknologi ramah lingkungan hidup.
 - b. Peraturan Menteri Negara Lingkungan Hidup No:22 Tahun 2009 tentang Tata Laksana Registrasi Kompetensi Bidang Lingkungan.
 - c. Peraturan Menteri Lingkungan Hidup No: 2 Tahun 2014 tentang Pencantuman Logo Ekolabel.
 - d. Keputusan Sekretaris Jenderal Kementerian Lingkungan Hidup dan Kehutanan Nomor: SK.97/Setjen/SLK/STD.2/8/2017 tanggal 16 Agustus 2017 tentang Komite Teknis Verifikasi Teknologi Ramah Lingkungan.
 - e. SNI ISO 14034:2017 Manajemen lingkungan – Verifikasi teknologi lingkungan.
2. Telah dilakukan Review dan Verifikasi terhadap teknologi Incinerator Sampah Domestik merk "SANKYO" disaksikan oleh Komite Teknis Verifikasi Teknologi Ramah Lingkungan, dengan informasi profil teknologi sebagai mana terlampir.
3. Berdasarkan butir 1 dan 2 diatas, permohonan registrasi Teknologi Ramah Lingkungan telah disetujui dengan nomor registrasi : 110/TRL/Reg-1/KLHK dan masa berakhir nomor registrasi berlaku dalam jangka waktu 3 (tiga) tahun.

Demikian disampaikan, atas perhatian Saudara diucapkan terimakasih.

Sekretaris Jenderal,

Dr. Ir. Bambang Hendroyono, M.M
NIP. 19540930-198903 1 001

Tembusan Yth:

1. Menteri Lingkungan Hidup dan Kehutanan (sebagai laporan);
2. Direktur Jenderal Pengelolaan Sampah, Limbah dan Bahan Berbahaya dan Beracun, KLHK;
3. Direktur Pengembangan Penyehatan Lingkungan pemukiman, Ditjen Cipta Karya, Kementerian Pekerjaan Umum dan Perumahan Rakyat.



PT. UNILAB PERDANA

Laboratorium Lingkungan Hidup dan Kalibrasi

No. Reg : 0001/LPJ/LABLING-1/LRK/KLH



Head Office : GEDUNG UNILAB Jl. Ciledug Raya No. 10, Cipulir, Kebayoran Lama, Jakarta 12230 Telp. (021) 7253322 (hunting) Fax : (021) 7253323 e-mail : unilabperdana@centrin.net.id
Representative Office : Ruko Section One Office Park & Galleries, Kav. B-3, Jl. Raya Rungkut Industri No. 1 Surabaya Telp. 031-8415839 e-mail : marketing.sby@unilabperdana.com

LAPORAN HASIL PENGUJIAN

Nomor : LPUP00715

Nama pelanggan : **PT. ADDON CADIAC ALFA**
 Alamat : Lt. 11, One Pasific Place Building,
 Jl. Jend. Sudirman Kav. 52-53, SCBD, 12190
 No. identifikasi contoh : 00715
 Uraian contoh : **Emisi**
 Sumber emisi : **Incinerator SANKYO ACI-80 S1**
 Dimensi cerobong
 - Diameter cerobong : 0,35 m
 - Tinggi cerobong : 6 m
 - Jumlah lubang sampling : 2
 - Posisi lubang sampling : 2D - 8D
 Bahan bakar : Sampah Domestik
 Koordinat : LS 06° 14' 14,6" BT 106° 39' 40,8"
 Metode pengambilan contoh : KEP. 205/BAPEDAL/07/1996
 Lokasi : **Estate Management Alam Sutera**
 Jl. Griya Hijau No. 91, Kec. Serpong Utara
 Kota Tangerang, Prov. Banten
 Tanggal pengambilan : 05 Februari 2020
 Tanggal diterima di lab. : 05 Februari 2020
 Tanggal pengujian : 05 Februari 2020 sampai 13 Februari 2020

Hasil Pengujian

NO.	PARAMETER	SATUAN	KADAR MAKSIMUM *)	HASIL		METODE
				Terukur	Terkoreksi	
1	Total Partikulat	mg/Nm ³	120	30	49	USEPA Method 17
2	Sulfur Dioksida (SO ₂) **)	mg/Nm ³	210	40	66	UP.IK.24.01.01 (Combustion gas analyzer)
3	Nitrogen Oksida (NO _x)	mg/Nm ³	470	226	371	UP.IK.24.01.01 (Combustion gas analyzer)
4	Hidrogen Klorida (HCl) **)	mg/Nm ³	10	0,8	1	SNI 19-7117.8-2005
5	Merkuri (Hg)	mg/Nm ³	3	0,01	0,01	SNI 7117.20:2009
6	Karbon Monoksida (CO) **)	mg/Nm ³	625	191	315	UP.IK.24.01.01 (Combustion gas analyzer)
7	Hidrogen Fluorida (HF) **)	mg/Nm ³	2	0,07	0,1	SNI 19-7117.9-2005
8	Velocity **)	m/detik	-	9,77	-	SNI 7117.14-2009
9	Oksigen (O ₂) **)	%	-	14,9	-	UP.IK.24.01.01 (Combustion gas analyzer)

Keterangan : *) = PERMENLHK No. P 70/Menlhk/Setjen/Kum.1/8/2016 Lampiran I

- Semua Parameter dikoreksi dengan O₂ sebesar 11% (sebelas persen)
- Volume gas diukur dalam keadaan standar (kondisi 25 °C dan tekanan 1 atmosfer)

**) = Parameter terakreditasi oleh KAN No. LP-195-IDN

< = Lebih kecil

Data Pendukung :

- Isokinetik = 97,32 %

Jakarta, 17 Februari 2020

PT. UNILAB PERDANA



Riyanti

Plt. Kadiv. Mutu

- Hasil yang ditampilkan hanya berhubungan dengan contoh yang diuji dan laporan hasil pengujian tidak boleh digandakan kecuali seluruhnya tanpa persetujuan tertulis dari laboratorium.
- Pengaduan terhadap laporan hasil pengujian tidak dilayani setelah 30 hari dari waktu penerbitan laporan hasil pengujian



PT ADDON CADIAC ALFA

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www.sinkgard.com/incinerator