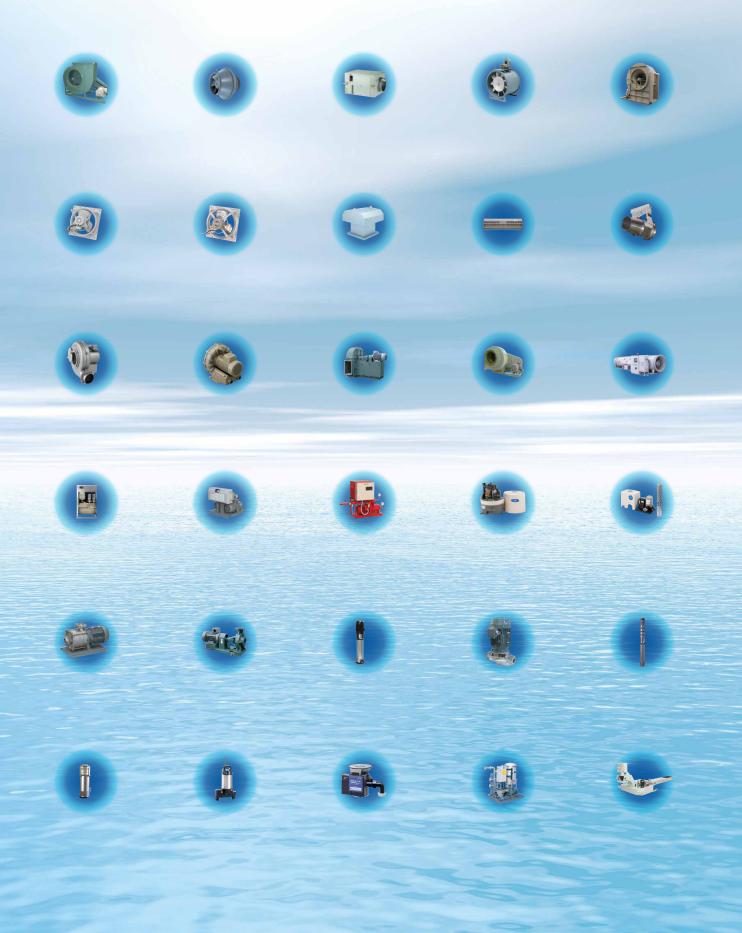
PRODUCTS GUIDE





Listen to the voice of the times and regard the global environment from a deeper and broader viewpoint

Since its foundation, the Teral Group has constantly responded with advanced technologies and quality to the changing times and the needs of our customers. As specialists in the water and air that are vital to a beautiful planet, we are committed to developing products that show concern for the movements to protect the environment. A deeper and broader viewpoint. Our proven track record is evidence of the trust placed in the Teral brand, both in Japan and overseas.

Triple **e** – the new product concept at Teral

The Top Runner Program aimed at energy-efficient electric motors was introduced in April 2015. At Teral, we are developing products that comply with the new regulation under the Triple e concept.

High **e**fficiency products realize

saving **e**nergy and preserving the Earth

environment



The Teral Group

- TERAL TECHNOSERVICE INC. · · · Maintenance & Engineering
- Overseas ······ Teral Asia Limited / Teral Thai Co., Ltd. / Teral General Machine (Shanghai) Co., Ltd. / Teral Middle East F.Z.C. / Teral Pumps & Fans North America Ltd. / Teral Vietnam Limited Liability Company / Teral Malaysia Sdn. Bhd. / PT. Teral Indonesia Pumps and Fans / Teral-Aerotech Fans Private Ltd. / T&W / Teral Philippines Inc.



Coolant pump

Coolant filtration equipment

A complete lineup for a range of need in daily life and on the production floor

Air-conditioning, water supply and drainage are some of the indispensable facilities for a comfortable environment in apartment buildings and office buildings. Technical progress toward better efficiency and energy conservation is in constant demand at all types of production sites. The Teral Group understands the characteristics of different sites and pays close attention to product development. We are proud of our extensive lineup that responds to customer needs.





C O N T E N T S

The Teral Group provides products in 3 fields

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Pump Line up

Although we may not notice them, pumps support our every day lives. Leading-edge technology and uncompromising product quality control provide answers to today's changing needs.

Water supply pumps

Powerful, yet designed to save space and energy. High-performance pumps with excellent durability and workmanship support safety in daily life.

Direct connection water supply booster pumps



Cabinet type



Cabinet type



Cabinet type



MC5S-B



Stationary type

Pressurized water supply pumps



Estimated terminal pressure constant control



Estimated terminal pressure constant control



Estimated terminal pressure constant control **NX-VFC** Multiple pump control

Pressurized water supply pumps

For pumping water

NX-LFT

Manual water well pump **ELEP**



For agricultural use

With self-priming pump, 39L pressure tank

LAT3-MTP

Pumps for environmental application and disaster prevention

DC power water supply pump

PT

J

7

Rainwater collection system underground tank unit

RUTG-THP6 Rainwater collection system above-ground outdoor use RUT-THP6 Pump

Water service booster pump

Submersible type

BST

Household pumps

From shallow well pumps to deep well pumps, including inverter control and constant water supply type, we have a varied lineup to meet your needs.

Above ground water supply pumps for shallow wells





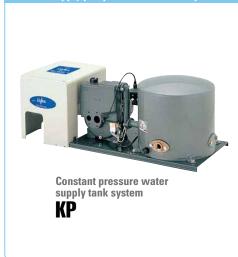
Water circulation auxiliary

pressure type pressure cictern

ST



Constant pressure water supply tank system



Inverter control

RMB-THP6

Constant pressure water supply

Water supply pumps for shallow / deep wells

Submersible water supply pumps for deep wells





Hot water supply pressure type

PH-204GT1

Fire pumps

Teral has achieved the first unitization in the industry and blazed the rail in unitized fire pumps. Fire pumps created from years of experience and technology support safety in daily life.



For auxiliary pressurizationFor aqueduct connection type sprinklersJPF-SVMImage: Synthesize the synthese

Water supply / circulation pumps

High performance and reduced size and weight have been realized through the latest fluid design. Our stainless steel lineup has been improved to meet a wide range of needs.

Above-ground pumps





Pump



Drainage pumps

Our broad product lineup responds to a range of need from household use to heavy industry.



Oil pumps

We have a varied oil pumps of gear type, cascade type, internal gear type to meet your needs.





Coolant pumps

From small to large volume, low to high head, and clean to dirty liquid, Teral provides quality solutions for your needs with a varied lineup.

Mechanical seal, multistage

close coupled type, for coolant tank cleaning

SKM

Immersion type coolant pumps



Non-seal, single-stage close coupled type **VKP**



Non-seal, multistage close coupled type / direct coupled type LPWE



Non-seal, multistage close coupled type

Non-seal, multistage

close coupled type

LVS



Non-seal, single-stage close coupled type LFO



Non-seal, multistage close coupled type LBK

Floor type coolant pumps



Non-seal, single-stage close coupled type VKN



Non-seal, multistage close coupled type / direct coupled type

LPSE

Fan Line up

Fans have come to play an indispensable role in today's ever more complex urban environments. Our varied line-up of high safety products help to maintain comfortable environments in a number of ways.

Air-conditioning fans

We have a varied lineup from centrifugal fan for low & high pressure, axial fan that can be installed between ducts, and engine drive to respond to a range of need.

Sirocco fans (Multi-blade fan)



Single inlet belt driven straddle mounted impeller type **CLF5-RS**

CLF6-RS

Double inlet belt driven

CLF2-RD

straddle mounted impeller type



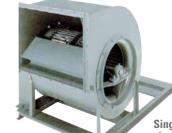
Single inlet belt driven overhang type CLF2-OB CLF6-OB



Single inlet direct driven type without coupling **CLF6-HOH**

Double inlet belt driven straddle

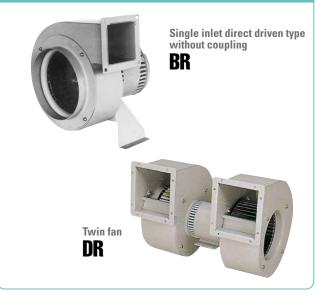
mounted impeller type with



Single inlet belt driven straddle mounted impeller type

with silencer box CLF6-U-RS CLF5-U-RS

Mini Sirocco fans (Multi-blade fan)



Line Sirocco fans (Multi-blade fan)

silencer box

CLF2-U-RD



Double inlet direct driven type without coupling

LCF2 Double inlet direct driven type without coupling with silencer



Line Sirocco fans (Mixed flow fan)Image: Direct driven type
without coupling
ALF2/ALFImage: Direct driven type
without coupling
ALF-2EImage: Direct driven type
Belt driven type
ALF-2PImage: Direct driven type
Direct driven type
ALF-2P

Smoke ventilation fans

We have a varied lineup from centrifugal fan for low & high pressure, axial fan that can be installed between ducts, and engine drive to respond to a range of need.



Industrial fans

We have assembled a varied lineup to respond to the need for optimization, energy efficiency, cleanliness and low noise levels at industrial sites.

Mild fans (backward curved blade fan)



Single inlet belt driven straddle mounted impeller type **CMF3-RS**



Single inlet belt driven overhang type **CMF3-SOB**



CMF3-0B



Single inlet direct driven type without coupling CMF3-HOH



Single inlet belt driven straddle mounted impeller type Single inlet belt driven overhang type Double inlet belt driven straddle mounted impeller type Single inlet direct driven type without coupling LAF



Single inlet belt driven straddle mounted impeller type Single inlet belt driven overhang type Double inlet belt driven straddle mounted impeller type

HLAF

Mini turbo fan (backward curved blade fan)





Single inlet belt driven overhang type CTF2-0B

CTF3-OB



Single inlet direct driven with coupling, overhang type CTF2-MOB











Direct driven type square, steel impeller ÂF

Direct driven type square, all stainless steel AFSS

Fan



Direct driven type Belt driven type round TAF



Tunnel ventilation fans Big log

Automatic variable wing type

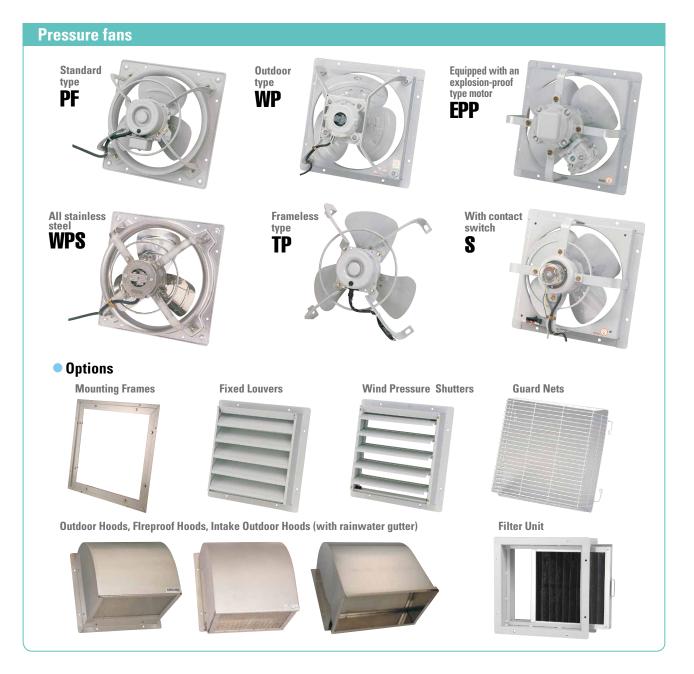
CP

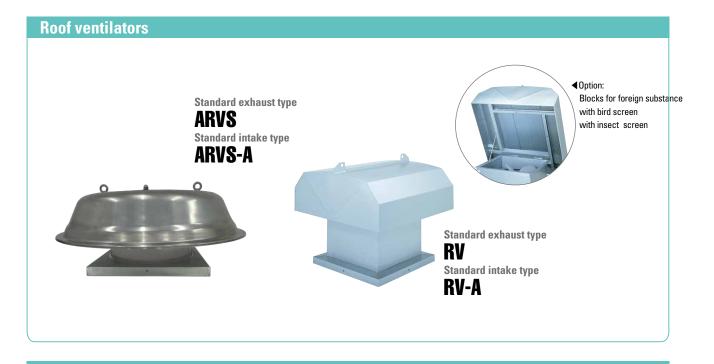
Big log

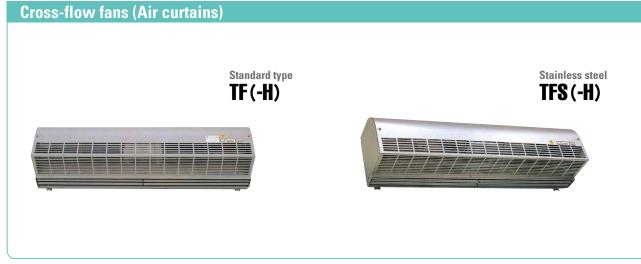


Commercial fans

Providing pressure fans, roof ventilators, air curtains, agricultural and livestock ventilation fans, and induction fans, you can find the right fan for various site among the broad selection of Teral fans.











Environmental Systems

Purification and recycle of waste water is now one of the most priority issued of the urban life. We hope to promote a sustainable recycling society by taking a total approach to preserving the future of the environment.

Water treatment systems

Providing filtration equipment and chemical liquid injection device for various applications such as baths, pools, landscapes, well water, and rainwater, we will respond to individual needs by custom design.

Filtration equipment



Coolant filtration equipment

Providing a lineup of coolant filtration equipment for cutting and grinding applications, we will respond to individual needs by custom design.



Total heat exchanger

Total heat exchanger is a way to reduce the ventilation load. We offer a wide range of products from small to large air volumes to respond to individual needs by custom design.

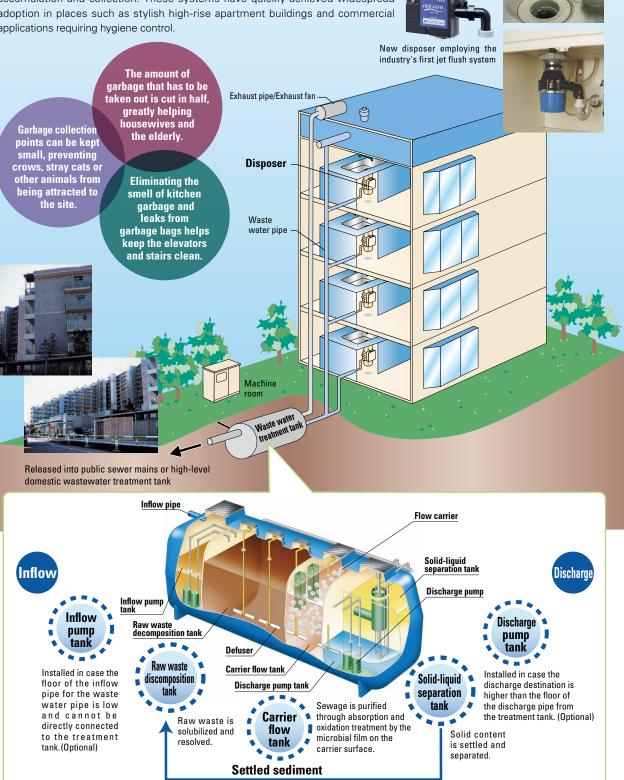
Floor embedded type EU

Kitchen garbage disposal systems

Raw garbage disposal systems reduce garbage into a powder using a disposer, purity it in a treatment tank and discharge it into the sewer system. Today such systems have attracted attention for their ability to eliminate the odors and hassle of treating raw garbage while helping to conserve the environment.

Disposers

As raw garbage can be simply placed in the disposal system and crushed with the disposer at the push of a button, it greatly reduces the burden of garbage accumulation and collection. These systems have quickly achieved widespread adoption in places such as stylish high-rise apartment buildings and commercial applications requiring hygiene control.



Reuse of waste water systems

Substitute clean water is produced by purifying the organic materials present in waste water using microorganisms, and reusing the water after filtration and sterilization. Wastewater reuse systems utilize this water as an intermediate water supply for applications such as toilets and fire fighting. Today the conservation of recycling-oriented water resources as attracted considerable attention from various quarters.

Pretreatment system for kitchen waste water

BT BioClean

This system purifies wastewater from kitchens, which contain highly concentrated organic pollutants and oils, to bring it up to the standards required for release into the public waste mains. Instead of the existing pressurized flotation separation system by using our unique organic treatment method called BT BioClean, a separate treatment process for sludge and scum is no longer required. This system has won greatest praise from our customers.



Solar battery pump system

This environmentally-friendly pump system runs on solar energy

- ① Clean energy production as light converted directly into electrical energy ② Uses renewable solar energy
- ③ No external power source required. Can be installed in any location.
- (4) Environmentally friendly, zero emissions of greenhouse gas (CO₂)
- 5 Using submersible pumps results in extremely low running noise



Rooftop greening system

Rooftop greening systems have drawn attention as a possible solution to the heat island effect of major cities. By combining bamboo charcoal with a rainwater collection and circulation system unique designs can be created without sacrificing ease of maintenance.









TERALINC.

Head Office 230, Moriwake, Miyuki-cyo, Fukuyama-city, Hiroshima, 720-0003, Japan Tel.+81-84-955-1111 Fax.+81-84-955-5777 www.teral.net

Teral Asia Limited

Room 1001,10/F, Olympia Plaza, 255 King's Road, North Point, Hong Kong Tel.+852-2571-0935 Fax.+852-2571-0619

TERAL THAI CO., LTD.

150 Moo 16 Udomsorayuth Rd., T.Bangkrasan, A.Bangpa-In, Ayutthaya 13160 Thailand Tel.+66-3535-2148-9 Fax.+66-3535-2150

TERAL TRADING & SERVICE CO., LTD.

150 Moo 16 Udomsorayuth Rd., T.Bangkrasan, A.Bangpa-In, Ayutthaya 13160 Thailand Tel.+66-3535-2145-7 Fax.+66-3535-8549

Teral Malaysia Sdn.Bhd.

10, Jalan SS13/6A, Subang Jaya Industrial Estate, 47500, Subang Jaya, Selangor D.E, Malaysia Tel.+60-3-5611 5775 Fax.+60-3-5612 5775

PT.Teral Indonesia Pumps and Fans

Komplek Pergudangan Taman Tekno Blok M No.26.JI.BSD Sektor XI, Kelurahan Setu, Kecamatan Setu,Kota Tangerang Selatan, Provinsi Banten.15314. Tel.+62-21-29665778 Fax.+62-21-75673913

Teral Vietnam Limited Liability Company

9th Floor, LADECO Building, No. 266 Doi Can Street, Lieu Giai Ward, Ba Dinh District, Hanoi City, Vietnam Tel.+84-24-393-52-790 Fax.+84-24-393-52-289

Teral General Machine (Shanghai) Co.,Ltd.

No.285, Yuan Qu Road(N), Bei Qiao, Min Hang District, Shanghai 201109, China Tel.+86-21-6490-9128 Fax.+86-21-6490-9126

Teral-Aerotech Fans Private Ltd.

Plot No.188-189, Ecotech Extension-1, Surajpur Kasna Road, Greater Noida-201306, Uttar Pradesh, India Tel.+91-9810162210, +91-9310162210

Teral Middle East F.Z.C.

1806-002, 18th floor, BB1, Mazaya Business Avenue, JLT, Dubai, UAE. PO Box 414781 Tel.+971-4369 9039

Teral Pumps & Fans North America Ltd.

Suite # 197, 800-15355 24 Ave Surrey, B.C., CANADA V4A 2H9 Tel.+1-604-839-1008

Teral Philippines Inc.

Roof Deck 3, Vernida 1 Building, 120 Amorsolo St., Legaspi Village, Makati City Tel.+63 2 7717-9314

Please note that product specifications are subject to change for improvement without prior notice.