

Culligan®



REFERENCE BOOK

HEALTHCARE



Culligan®

Culligan, the water treatment professionals



Culligan, was founded in 1936, and is a global leader in water treatment for homes, offices and industries. Culligan designs, engineers and manufactures water treatment equipment and formulates and blends water treatment chemicals to create pure, safe, healthy water for every need.



Whether it is for soft water for your shower, pure drinking water from your kitchen or office tap, carafes of purified water in your favourite restaurant, and, all the way through to ultra pure water for medical use or water used as part of the product in the food and beverage industry – Culligan has a solution.

In Culligan, we love water since 1936.

Culligan international

90 Countries
900 Dealerships
15 Direct company structures
3 Million Customers

2019
Triple A
Vienna



2018
Aqua Vital
Neuss



2019
Waterways Limited
Oxfordshire

2018
Harvey
Surrey

2018
Culligan UK
Wycombe

2018
Monarch
Norfolk



2017
Blupura
Ancona



2018
Culligan Kuwait
Kuwait city



2013
Culligan Gulf
Doha



2015
Culligan Bahrain
Bahrain



1980
Culligan Middle East
Dubai



2019
B+Home
Neung sur
Beuvron



2018
Sud Lorraine
Nancy



2017
SMATEC
Mâcon



2018
OCTE
Angers



2018
LSTE
Rouen



1960
Culligan France
Paris

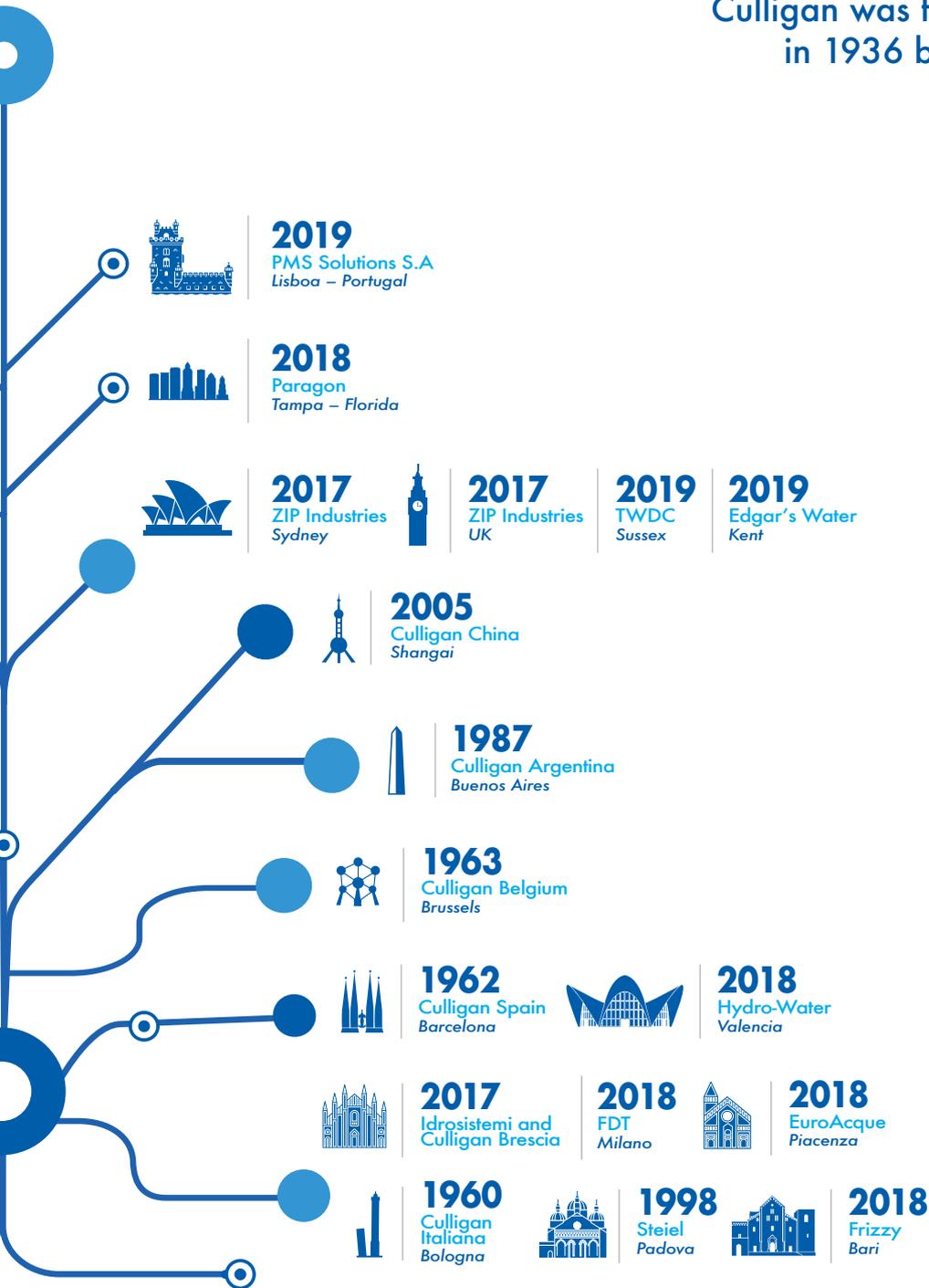


1936
Culligan International
Chicago



Culligan is a truly global company that prides itself on providing consistent high quality water across the world. Whether you are drinking tea made from a Zip instant boiling Hydrotap in Australia, pure office water from a

Culligan was founded in Illinois, USA
in 1936 by Emmett Culligan



cooler in Argentina or drinking water through the municipal pipe network in Kigali, Rwanda, you are guaranteed the same high quality and renowned Culligan service. Culligan technicians serve over 3 million customers worldwide.

Sectors We are Serving

Culligan, the water treatment professionals

Culligan, was founded in 1936, and is a global leader in water treatment for homes, offices and industries. Culligan designs, engineers and manufactures water treatment equipment. Culligan formulates and blends water treatment chemicals to create pure, safe, healthy water for every need.



WATER FOR THE HOME

Culligan supplies softened water and high purity drinking water to millions of homes worldwide. Culligan supplies under sink drinking water systems to give pure water from the tap. Chilled, sparkling and instant boiling water straight from your kitchen tap. Then, the china and glasses will sparkle and the hair and skin will feel amazing.



WATER AT WORK

The employees can have access to high quality drinking water every day. Culligan has a full range of drinking water solutions all designed, engineered and manufactured in-house. Culligan manufactures high quality units to ensure the best quality of chilled, sparkling and boiled water constantly available. Backed up by Culligan's worldwide service network.



WATER FOR RESTAURANTS

Culligan Water on tap in the restaurant is an ideal way to service the valued customers, save cost and protect the environment. Great tasting water, pure clear ice, reduced scale and iron build up, easier cleaning, less detergents usage and softer brighter linens— a total Culligan water solution.



WATER FOR LEISURE

Culligan designs, engineers and produces systems for public pools, private pools, spas and resorts. Culligan invented the HCF filter that cleans the water 20/30x greater than a traditional sand filter with no backwashing, saving energy, water usage and chemicals.

Sectors We are Serving

90 Countries
900 Dealerships
15 Direct company structures
3 Million Customers



WATER FOR CRUISE SHIPS

Culligan designs, engineers and produces custom water treatment solutions which are installed in over 160 cruise ships like the largest cruise ship in the world. Culligan provides the entire ship water system. Whatever the use, wherever in the world, the water quality on the cruise will be to Culligan standards. Cruises are more relaxing and enjoyable.



WATER FOR HOTELS

Culligan customers in the hospitality industry can realize substantial benefits by using treated water in boilers, hot water heaters, cooling towers, food service, laundry, and services. Culligan's water treatment systems help uphold quality standards, while adding value to the business.



WATER FOR INDUSTRY

Water impacts every part of the industrial value chain. In the beverage industry, water of different qualities is required for cooling water, boilers for steam generation, bottle washing, machine sanitization and water to be part of the product. From oil refineries, to breweries which use water for the product composition as well as washing and sanitisation, Culligan has the full range of equipment and speciality chemicals to cover every application.



WATER FOR HEALTHCARE

Doctors, nurses and patients, get more than just great-tasting water from Culligan systems. Culligan supplies and services every water need of hospitals - cooling water, boiler water, water for hydrotherapy pools, full solutions for restaurant and canteen, drinking water, treatment and recycling for laundry and all the clinical needs.



WATER FOR VILLAGES, TOWNS, CITIES

Hundreds of municipalities have chosen Culligan filtration systems. Culligan has unique high rate reactor filters called OFSY, which are able to reliably treat highly variable turbid river water, with a significantly reduced footprint and limited civil construction.

Some of Our References



Industrial



Municipal



Containerized
Solutions



Healthcare



Hospitality



Marine



WATER FOR HEALTHCARE

Doctors, nurses and patients, get more than just great-tasting water from Culligan systems. Culligan supplies and services every water need of hospitals - cooling water, boiler water, water for hydrotherapy pools, full solutions for restaurant and canteen, drinking water, treatment and recycling for laundry and all the clinical needs. Culligan was the first company to use reverse osmosis for hemodialysis systems. Culligan has developed the latest solutions for double pass RO with options for heat sanitisation of the membranes and the dialysis loop, and also offers ultra pure water for heat sterilization and cleaning of clinical instruments - CSSD.

**You can rely on Culligan Water,
especially when safety is crucial.**



1

PATIENTS ROOMS

5

LAUNDRY

2

COOLING SYSTEMS

6

BOILER ROOM

3

HEMODIALYSIS

7

REHABILITATION CENTRE

4

FOOD SERVICE

8

HYDROTHERAPY

WATER FOR HEMODIALYSIS



PROJECT DETAILS

CUSTOMER	Bologna AUSL
LOCATION	Ospedale Maggiore - Bologna, Italy
APPLICATION	Hemodialysis
TREATMENT PROCESS	Filtration, Reverse Osmosis
CAPACITY	36.000 l/day
RAW WATER SOURCE	Drinking Water
PROJECT CONTENT	Aqua-Clear RO ² MD BiO 2E

In 2018, the Bologna AUSL needed a technological update of the acute dialysis center at the Maggiore hospital in Bologna. Before the technological upgrade, the Acute Dialysis Center performed dialysis treatments with osmotic water through 3 portable devices. The technological aging of the equipment in use, as well as the precariousness of the distribution lines, could no longer guarantee the correct execution of treatments from a technical and microbiological safety point of view. Culligan thus provided:

- the realization of a **new water pretreatment system** in the technical rooms
- the installation and testing of a **new centralized bi-osmosis system** in the technical room (mod. BIO 2E)
- the creation and testing of a **new distribution line in PEX material to serve 15 dialysis stations simultaneously**
- the **chemical/microbiological checks** according to the standards indicated in the SIN 2005 guidelines in order to validate the entire plant
- the activation of the **service contract**

In addition to the specific requests for specifications, Culligan has provided further improvement by installing a **remote control system** in the treatment room in order to allow operators to correctly display the functional parameters of the system without having to leave the dialysis room, as the system room is located at a lower level than the department.



60.000 L/DAY



PROJECT DETAILS

CUSTOMER	Hospital Joan XXIII
LOCATION	Catalunya, Spain
APPLICATION	Hemodialysis
TREATMENT PROCESS	Filtration, Reverse Osmosis, Thermal Sanitization
CAPACITY	60.000 l/day
RAW WATER SOURCE	Public Water
PROJECT CONTENT	1x RO BIO 3T Inline Thermal Cabinet

24.000 - 36.000 L/DAY



PROJECT DETAILS

CUSTOMER	Tunisian Ministry of Health
LOCATION	Tunisia
APPLICATION	Hemodialysis
TREATMENT PROCESS	Filtration, Reverse Osmosis
CAPACITY	24.000 - 36.000 l/day
RAW WATER SOURCE	Public Water
PROJECT CONTENT	7 x BIO 1E 4 x BIO 2E

60.000 L/DAY



PROJECT DETAILS

CUSTOMER	ASL 5 Spezzino
LOCATION	Sarzana, Italy
APPLICATION	Hemodialysis
TREATMENT PROCESS	Reverse Osmosis
CAPACITY	60.000 l/day
RAW WATER SOURCE	Drinking Water
PROJECT CONTENT	RO BIO 3E

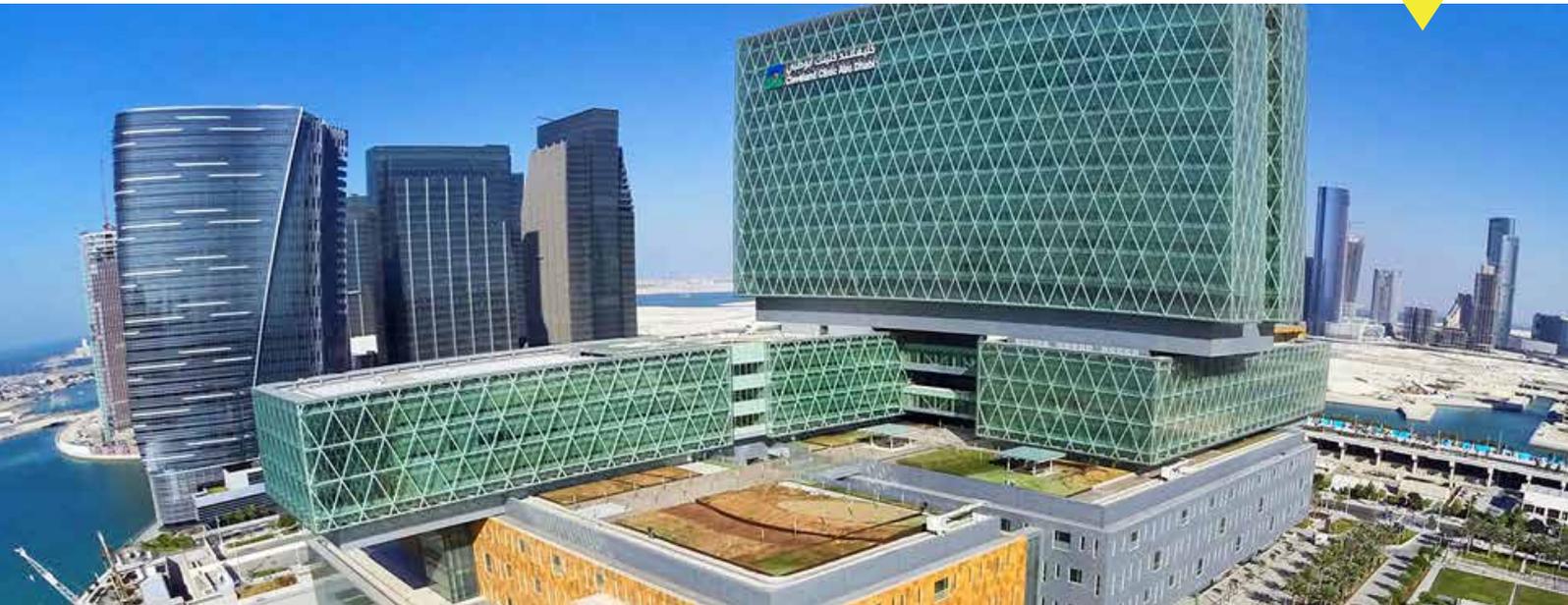
WATER FOR HOSPITAL



PROJECT DETAILS

CUSTOMER	Cleveland Clinic
LOCATION	Abu Dhabi, UAE
APPLICATION	Domestic water, Process water, Haemodialysis and CSSD water, Chilled water
TREATMENT PROCESS	Filtration, Softening, Reverse osmosis, UV disinfection, Chemicals dosing system, Chlorine dioxide, Demineralization
CAPACITY	Chlorine Dioxide Generation: 360 grams/day Condensate Water Recovery: 180 m ³ /day Grey Water Treatment: 150m ³ /day CSSD Use: 20 m ³ /day Dialysis: 6 m ³ /day
RAW WATER SOURCE	Municipal Water
PROJECT CONTENT	Chlorine Dioxide Generating equipment (3x CDP40), Acid Neutralization Cullnu Filters, 1x HF9UF36, 1x MFP4 800, 1x MFP4 1200

Cleveland Clinic Abu Dhabi is a world-class hospital with state-of-the-art amenities and services, and unique in the UAE. The hospital aims to deal with the specific needs of Abu Dhabi’s population and it does so by providing care in more than 30 medical and surgical specialties. Specialised healthcare demands **specific equipments** along with the **highest quality**. This is why, when it was time to **update the hemodialysis water treatment equipment and process**, **Culligan world renowned water quality and expertise** was the perfect match for Cleveland Clinic Abu Dhabi high requirements.



7.200 L/DAY



PROJECT DETAILS

CUSTOMER	Clinica La Maddalena
LOCATION	Palermo, Italy
APPLICATION	Steril Service
TREATMENT PROCESS	Reverse Osmosis
CAPACITY	7,2 m ³ /day
RAW WATER SOURCE	Public Water
PROJECT CONTENT	HE - UR21 - MFP 4-44 400 - QE

72 M³/DAY



PROJECT DETAILS

CUSTOMER	Antercare HK
LOCATION	Hong Kong
APPLICATION	Steril service
TREATMENT PROCESS	Reverse Osmosis
CAPACITY	72 m ³ /day
RAW WATER SOURCE	Public Water
PROJECT CONTENT	RO BIO 4T

1.200 M³/DAY



PROJECT DETAILS

CUSTOMER	Ospedale Borgo Trento
LOCATION	Verona, Italy
APPLICATION	Drinking Water, Boiler Water
TREATMENT PROCESS	Filtration, Reverse Osmosis
CAPACITY	1.200 m ³ /day
RAW WATER SOURCE	Public Water
PROJECT CONTENT	HI FLO FRP 36 Ultraline FRP HB1200 MFP 4-44 1200 ULTRALINE HB200

OTHER PROJECTS

PROJECT	COUNTRY	SECTOR	APPLICATION	VALUE RANGE (K€)
DUBAI HEALTH AUTHORITY (DHA) CLINICS – Umm Suqeim	UAE	Healthcare – Public Government	Domestic Water Filtration & Softening, Treatment for CSSD (RO), Lab Effluent Neutralisation, Chilled Water Treatment	250-500
MEDICLINIC HOSPITAL (Barsha)	UAE	Healthcare - Private Hospital	Domestic Water Filtration & Softening, Disinfection (Chlorine Dioxide Generator), CSSD water treatment, Water treatment for Dialysis (23 beds), Lab Effluent Neutralisation, Chilled Water Treatment	50-250
FAKEEH ACADEMY MEDICAL CITY	UAE	Hospital	Central Filtration & Disinfection, Softener, CSSD, Dialysis, Lab Waste Water Neutralisation, Grey water Recycling	500-1000
CAI - ASL N5 SPEZZINO	ITALY	Healthcare	Hemodialysis	50-250
VETERINARY PRODUCTION FACTORY	SUDAN	Electronics	Ultra Pure	250-500
BETTIOL - OSPEDALE SS. GIOVANNI E PAOLO VENEZIA	ITALY	Healthcare	Hemodialysis	50-150
DIAGNOSTICA MEDICA AVELLINO	ITALY	Healthcare	Hemodialysis	50-250
HELSINKI UNIVERSITY HOSPITAL	FINLAND	Healthcare - Public Hospital	Hemodialysis	50-250
CENTRO DIALISI DOTT. MUCARIA PALERMO	ITALY	Healthcare	Hemodialysis	50-250
SUEZ UK- ANTERCARE HONG KONG	ITALY	Healthcare	Hospital	50-250
CHULALONKORN HOSPITAL	THAILAND	Healthcare - Private Hospital	Hemodialysis	50-250

PROJECT	COUNTRY	SECTOR	APPLICATION	VALUE RANGE (K€)
SUEZ UK - JALO SOUTH AFRICA	ITALY	Healthcare	Hemodialysis	50-250
SUEZ UK - ORKNEY ISLAND	ITALY	Healthcare	Hemodialysis	50-250
POLICLINICO TOR VERGATA ROMA	ITALY	Healthcare	Hospital	50-250
ASST GRANDE OSPEDALE METROPOLITANO NIGUARDA MILANO	ITALY	Healthcare	Hemodialysis	50-250
SPINDIAL c/o ASL MATERA NUOVO CENTRO DIALISI DI TINCHI	ITALY	Healthcare	Hemodialysis	50-250
OSPDAL PEDIATRICO MAYER FIRENZE	ITALY	Healthcare	Hemodialysis	50-250
AL MAFRAQ HOSPITAL	UAE	Healthcare - Private Hospital	Hemodialysis	50-250
INSO SPA - OSPEDALE DI SULMONA	ITALY	Healthcare	Hospital	50-250
ECF GROUP - OSPEDALE S.M NUOVA FIRENZE	ITALY	Healthcare	Hospital	50-250
MERCK SANTE	FRANCE	Pharmaceutical	Pure water storage system + stainless steel distribution loop	50-250
IBI FARMACEUTIC	ITALY	Pharmaceutical	RO + GFH	250-500
MALIHA MILITARY HOSPITAL	UAE	Healthcare - Public Hospital	Hemodialysis	50-250



SERVICE

Culligan will install, commission and maintain your water systems in the most efficient way possible, providing you innovative technology, water testing, consumables and virtually everything else that you need in order to manage your water system safely and effectively. Customer service is a key differentiator for Culligan. Providing customized technological and tailored service solutions is what Culligan do best.

Culligan service above and beyond.

INSTALLATION, MAINTENANCE AND COMMISSIONING

Culligan's service specialists undergo in-depth training to ensure they are the water experts who can efficiently troubleshoot and fix any issue that arises on site.

With experience working in all industries and all areas of the world, Culligan service specialists will install, commission and then maintain your water treatment plant in the most efficient way possible.

ORIGINAL CULLIGAN SPARE PARTS & CONSUMABLES

Designed and built to the highest possible quality standards, and incorporating the latest improvements in technology Culligan genuine spare parts will keep your plant running at peak performance without interruption.

All Culligan consumables – resin, membranes, media, filters – are designed to enhance the performance of Culligan water treatment equipment, allowing longer operation, and lower operational costs.

With a dedicated 10,000m² facility in Technopark Dubai, including warehouse and chemical production, spare parts and consumables are kept in stock, ready for immediate delivery to site.

REPAIR FACILITIES BY SKILLED TECHNICIANS

Wherever possible repair of Culligan installations will be carried out on site by our highly qualified technicians, but in the case of more complex repairs these will be checked and repaired at one of our local service centres.

Our aim is to offer our customers a repair that is as economical and fast as possible, to ensure the best performance and efficiency of the plant when it will be put into operation again.

The Culligan service team of over 50 Culligan qualified water treatment technicians is one of the largest Service Teams in the Gulf region.

CHEMICAL SOLUTIONS

Culligan offers a complete range of water treatment chemical solutions, designed specifically to enhance the operation of Culligan equipment, protect your equipment and ensure the safety of your employees and customers.

Our range of chemical treatment solutions are manufactured locally in our Technopark facility. As well as offering our range of standard chemical solutions, the chemical team in our Technopark facility can create bespoke treatment solutions specific to your needs.

All of our chemicals are manufactured to the highest quality standards and comply with all relevant local and international regulations.

WATER ANALYSIS & HYGIENE SERVICES

Culligan can carry out routine monitoring and analysis using accredited laboratories as well as other Hygiene services such as Legionella Site surveys and Risk Assessments to help you ensure your water systems are safe and your management system is fully compliant with local regulations

PRE-COMMISSION CLEANING SERVICES

Culligan are experts in the region for the pre-commission cleaning, flushing, disinfection and chemical treatment of building utility water systems.

With a dedicated Pre-commission Cleaning Services team of engineers, technicians and all the necessary pumps, and pipework necessary to address any systems need Culligan are uniquely placed in the Gulf region to quickly and efficiently carry out your pre-commission flushing.

Culligan®

Culligan international

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