

REFERENCES

Some references of installed filters
Updated october 10th, 2018

LOW FLOW WELL WATER.

3B Clim / Jardin d'Acclimatation, Paris (France).



Several wells are used to supply in water the Great Aviary buildings.
Supply of 4 AG100 6 µm filters and CRL25 sustainers.

Eklor, Thorigne (France). Installation of Alfa 200 1" hydrocyclones on domestic geothermal heatpumps.

SARL Boucou, Elephant Bleu carwash, St Victor l'Abbaye (France). Well-water filtration, used to supply a carwash. AG100 1µm filter and CRL25.

Géothermie Performances, Sainte Savine (France). Sand-filled well water treatment to protect heat exchanger. Hydrocyclone Alfa 200 1".

Hervé Thermique, Châlons en Champagne (France). Prago filter (100 microns filtration) used to protect a geothermal heatpump.

Auto Lavage 83, Draguignan (France). Well-water filtration, used to supply a carwash. Prago filter.

SCEA Cantou, Nousty (France). Treatment of dust-laden well-water, used to water livestock. Filter AG100 40µm.

HEAT EXCHANGER IN BUILDINGS.

Demathieu Bard Construction / Consulate of Turkey, Strasbourg (France). Plate exchanger protection filters on a groundwater water / water heat pump heating system. 1st building: 20 m³/h flow rate, 80 µm filtration (AS200 filter), 2nd building: 160 m³/h flow rate, 80 µm filtration (AS400 DN200).

Tempéria Normandie / Building Matmut La Filature, Rouen (France). Geothermal system on open network. 2 pumping 30 and 45 m³/h before exchangers and discharge wells. AS200 low pressure filters.

Engie Axima / Peyrehorade Home for elderly (France). Well-water filtration to protect a first exchanger before heat pump. Filter AS200 200 µm.

Hervé Thermique, Milly la Forêt swimming pool (France). Well-water filtration to protect a plate heat exchanger. Filter AS200 80 microns.

Engie Axima / Romanité museum, Nîmes (France). The heatpump system is protected by 2 filters AG200 3", filtration 200 microns.

Tunzini, St Jean de Braye (France). As part of the renovation of a former industrial site, a geothermal heat pump has been installed. Protected by 2 filters AS300 DN150 80 microns.

Suez Lyonnaise des eaux, Rouen (France). Ground water heat-pump, for a building heating system. Filtration 100µm. 2 Filters AS300 DN150.

POTABLE WATER.

Saur, Bernica and Charpentier (La Reunion). In each of these 2 potabilization units, installation of filters AG200-E and AG300-E, filtration 20 µm. Filters with ACS certification : french certification for use in potable networks.

Suez Degremont FA, Sarrazac (France). Drinking water plant. Pre-treated raw water filtration after an Aquadaf flotation unit. Flow rate of 20 m³/h, pressure 7 Bar. AG200-E 316L.

Veolia water, Apremont (France). Water supply of the hamlet of Severt. AG100-E filter 11 µm and CRL25 sustainer.

Stereau, Ste Cécile (France) potable water treatment plant. Water filtration, to protect ultrafiltration membranes. Flow rate: 211 m³/h. Supply of one filter AG400-E DN250 with 200µm.

Matec, Libreville, Gabon. Filters for Africa Cup of Nations 2017 buildings water supply. Filters AG300 1 and 6 microns.

Mora Eau et Environnement, Millau (France). Well-water filtration for use as potable water. Flow rate : 8 m³/h. Filter AG100-E (ACS certification) 20 µm.

Degrémont France, Vierzon (France) potable water plant. Water pre-filtration upstream the treatment plant. 2 filters AG200-E 500µm, with ACS certification.

WASTEWATER TREATMENT.

Stereau, Saindo wastewater treatment plant, Theix (France).



Filtration for a wastewater clarifier-settler, before lagooning. Filter AG200 2" in 400 µm.

Sogea Sud-Ouest Hydraulique, Sicoval plant, Ayguesvives (France). Filtration after a wastewater clarifier-settler. Filter AG200 DN80 PN10 in 200 µm.

Nalco / Nestlé France, Boué (France). Filtration at the outlet of the factory's purification plant, to meet discharge standards. AS200 100µm filter.

Veolia OTV, St Clément de Rivière (France) wastewater treatment plant. Filtration after a wastewater clarifier-settler. Filter AG200 2" 200 µm.

Suez (Degremont), Geolide wastewater plant, Marseille (France). Filtration after a wastewater clarifier-settler, filter AG300 316L in 400 microns. Flow rate up to 70 m³/h.

Suez, Laon (France) wastewater treatment plant. Water filtration after the plant, for industrial use. Low pressure network (less than 0,5 Bar). Filter AS200 500 µm.

Veolia Eau, Thônes (France). Water filtration after a wastewater clarifier-settler. Filter AG300 DN80 6µm and sustainer CRF80.

INDUSTRIAL WATER NETWORKS.

Johnson Controls Industrie / Thales, Thônnon les Bains (France). Factory cooling network filtration. Filter AG400 DN250 100 µm.

Fimic / Kaneka (Belgium). Foam plastic factory. Cooling water, loaded in micro suspended solids, including PE and raw materials. 70% of the suspended solids being smaller than 5 microns, a fine filtration has been installed. filters AG200 2" PN10 1 µm.

Chemviron, Parentis en Born (France). Cooling water, loaded in coal, sand, and wood particles. Flow rate : 30 to 50 m³/h. A filter AG300 DN100 IP65 40 µm as been installed, outdoor.

B+W, Bottrop, Germany. Water filtration before high-pressure pumps. Water used in spraying systems. Filters AG200 2" 6 microns and CRL50.

Automatisme Industrie / Mecaplast, Lens (France). Cooling network in a plastic factory. A part of the flow-rate is filtered through a branch circuit. Pump + filter AG300 50µm + CRL sustainer.

Periplast, Perigny (France). PVC tubes factory. Cooling closed-circuit filtration. AG300 DN150 100 µm.

Morssinkhof Plastic, Zeewolde (Netherlands). Elimination of PET particles in the factory network. AG200 2" filter, 40m³/h.

LAKES AND RIVERS WATER.

EDF, Mescla plant, Malaussène (France).



Var river water is used for the lubrication of the hydro-electric turbine bearings. Since this water can be heavily loaded during floods, a filtration unit has been installed: filter AG200 60 µm then AG200 20µm.

Suez, CIRSEE center, Croissy-sur-Seine (France). After raw Seine water pumping (2 m³/h), a succession of cartridge filters were in place: 50, then 20 and 10 microns. Cartridges clogged in less than 2 days. This equipment has been replaced by an AG100 filter in 11 µm.

Arkema, Feuchy factory, St Laurent Blangy (62). River water filtration to supply the factory. Flow rate: 80 m³/h. Filter AG300 DN150 40 µm.

Vicat, Créchy (France) cement factory. Pond water filtration. Water used in the cement factory process. Flow rate : 110 m³/h. Filter AS300 DN150 200µm.

SHEM, Paulhaguet (France). River water filtration, to protect a small hydroelectric plant. Filter AG100 100µm.

Boccard / Electrabel, Feluy (Belgium). Meuse river filtration, for the factory water supply. 4 filters AG200 2" in 6 µm.

Cascades paper factory, La Rochette, France. River water filtration, used in the factory process. 4 Filters AG300.

WATERING, MICRO-IRRIGATION.

UV Germi / Squiban, Lapouyade (France).



Closed loop water filtration for tomato irrigation in a greenhouse. Filtration 20 µm before UV system.

Saur, La Flotte (France). Filtration downstream a wastewater treatment plant, for a UV treatment system protection. Water used for irrigation. AG400-316L DN150 filter, filtration 20 µm, flow rate : 100 m³/h.

CCF, Valbonne (France). In a private property, garden spraying network filtration. 2 filters AG200 3" IP65 PN10 60 microns.

SEAWATER.

La Cité de la Mer, Cherbourg (France). Seawater filtration for the water supply of a turtles pool. Filter AG300 316L C.

Drema Waterbehandeling, Netherlands. Seawater filtration to protect osmosis membranes. 2 filters AG200 316L-C 1 micron.

Ferme Marine du Douhet. Factory in Iran. New water treatment, after pumping. Sand-laden water. Hydrocyclone Alfa 300 Marine.

Atlantique Industrie / Le Havre (France) Congress center. Seawater filtration, to protect plate heat exchangers. 2 filters AS400 316L C, filtration 500 µm.

SLCE, Lanester (France). Filtration of seawater containing sand, through hydrocyclone. Hydrocyclone Alfa 200 1" Marine.