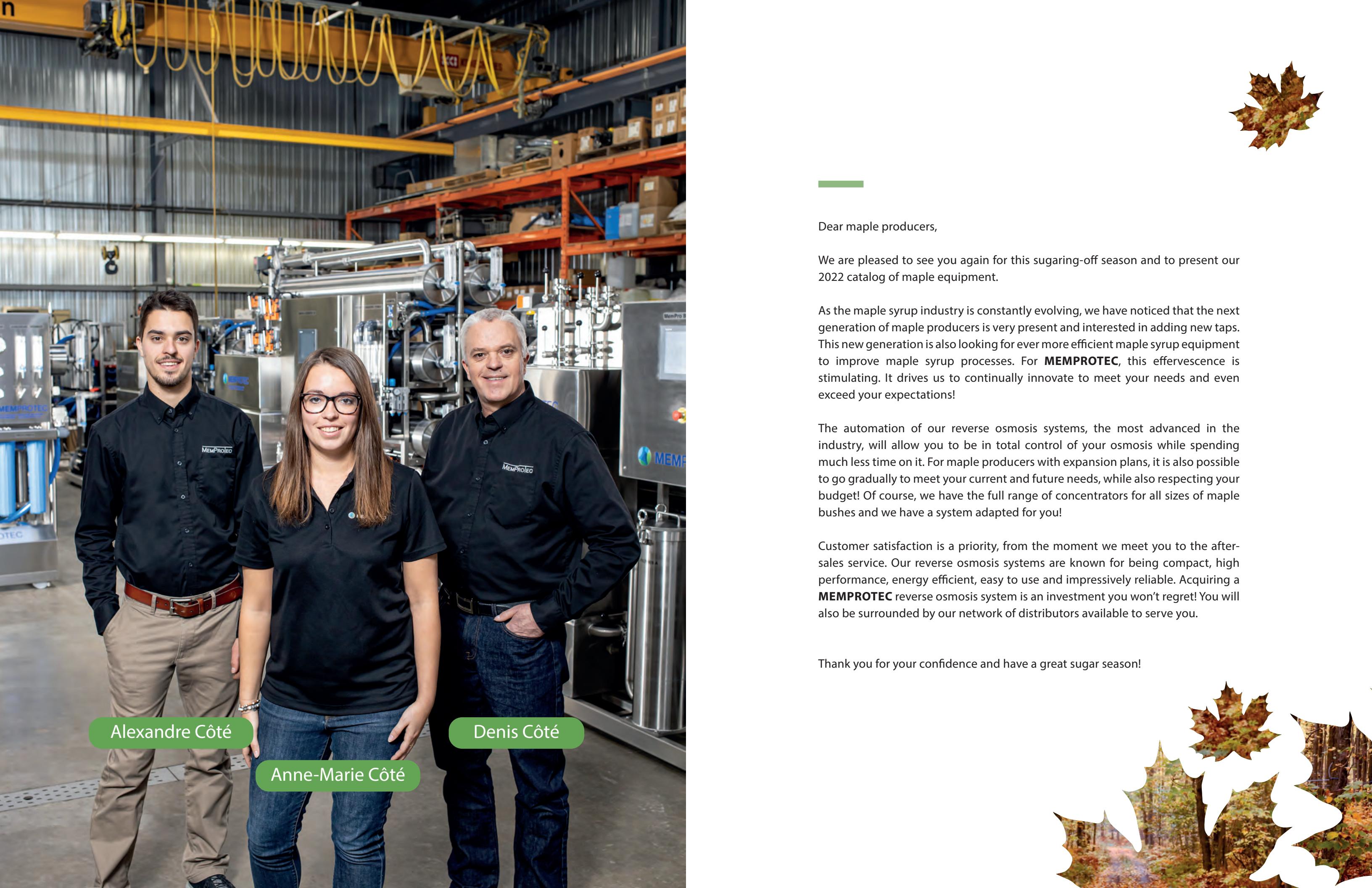


# MEMPROTEC

MAPLE SUGARING EQUIPMENT



2022



Alexandre Côté

Anne-Marie Côté

Denis Côté

Dear maple producers,

We are pleased to see you again for this sugaring-off season and to present our 2022 catalog of maple equipment.

As the maple syrup industry is constantly evolving, we have noticed that the next generation of maple producers is very present and interested in adding new taps. This new generation is also looking for ever more efficient maple syrup equipment to improve maple syrup processes. For **MEMPROTEC**, this effervescence is stimulating. It drives us to continually innovate to meet your needs and even exceed your expectations!

The automation of our reverse osmosis systems, the most advanced in the industry, will allow you to be in total control of your osmosis while spending much less time on it. For maple producers with expansion plans, it is also possible to go gradually to meet your current and future needs, while also respecting your budget! Of course, we have the full range of concentrators for all sizes of maple bushes and we have a system adapted for you!

Customer satisfaction is a priority, from the moment we meet you to the after-sales service. Our reverse osmosis systems are known for being compact, high performance, energy efficient, easy to use and impressively reliable. Acquiring a **MEMPROTEC** reverse osmosis system is an investment you won't regret! You will also be surrounded by our network of distributors available to serve you.

Thank you for your confidence and have a great sugar season!



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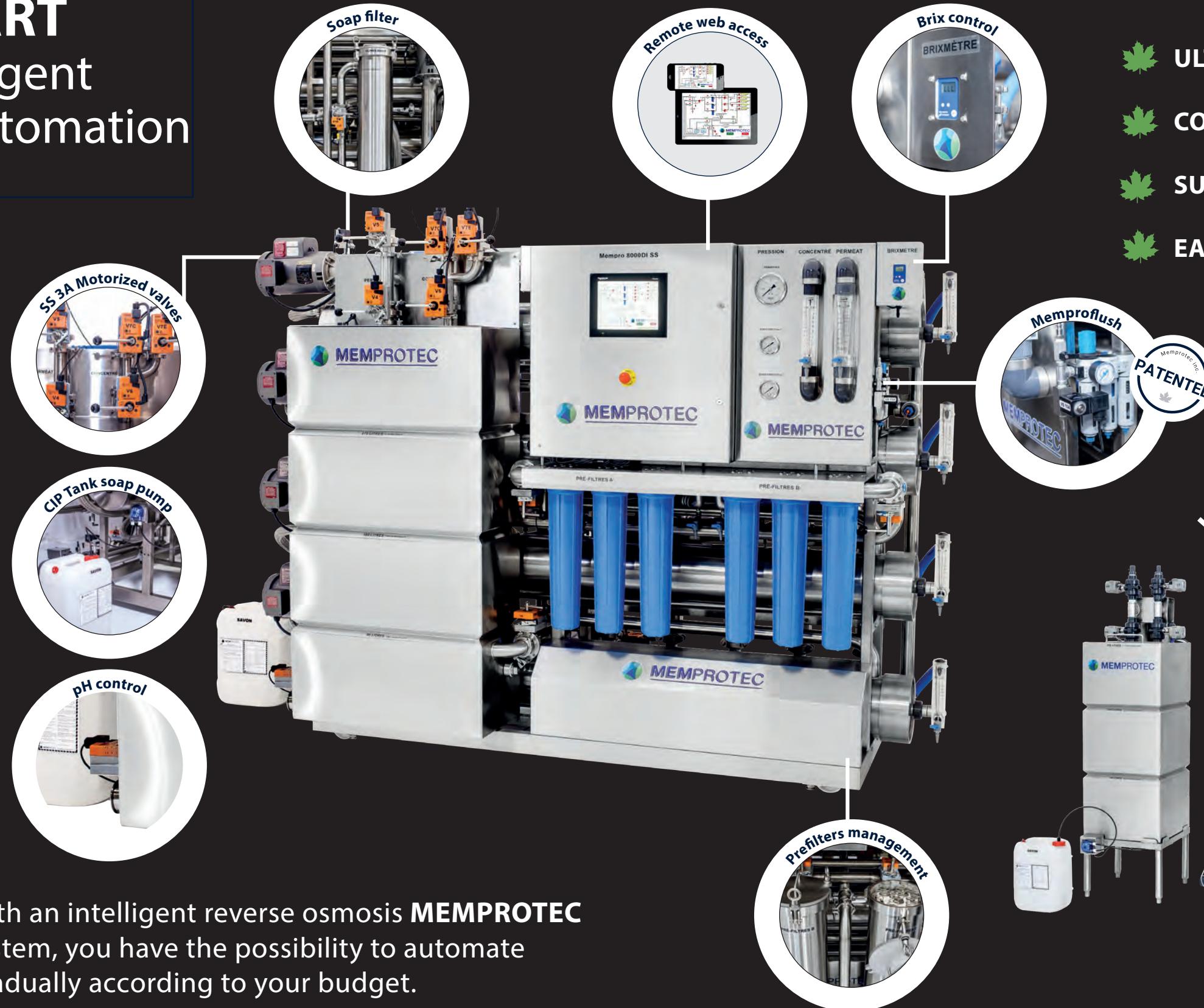


## MemProSMART

The most intelligent  
and beloved automation  
in the industry

### MemPro HI-SS and MemPro DI-SS

- Intelligent operation management
- Automatic tank selection
- Tank level control & monitoring
- Intelligent automated start
- Intelligent pressure management
- Intelligent inline brix management
- System performance management
- Automatic concentrate air « MemPro Flush »
- Intelligent C.I.P. and rinsing
- Remote control & monitoring via web access
- Automated prefilter management
- PWP report by e-mail
- Soap filter management

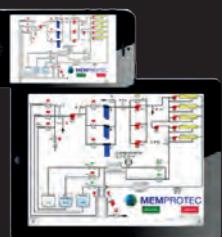


- ULTRA COMPACT SYSTEM**
- COMPLETE AUTOMATION**
- SUPERIOR PERFORMANCE**
- EASY TO USE**

Other automated model  
available MemPro HI-SS



**ULTRA-COMPACT**



**Optional**  
Remotely controlled  
via web access



**Optional**  
Remotely controlled  
via web access



## MemPro 12000 DD - 20000 DD-SS

- Superior quality & performance
- Unimodular design
- Positive recirculation on membrane elements
- Stainless steel double ladder frame & plumbing
- Stainless steel pumps with Industrial motors (top mounted)
- Stainless steel integrated CIP tank
- Ventilated stainless steel electrical box
- Permeate & concentrate valve panel

### Options :

- + Option of expansion up to 20 elements & 5 high pressure pumps
- + Programmable logic controller
- + Conductivity meter & digital temperature monitor
- + Low pressure & high temperature safety
- + 2 independant banks of 7 X 20 inch filters in SS
- + Strainer included
- + 5 years limited warranty
- + Wash water management with pH meter
- + Drainage by air «Mempro Flush» patent # US 8,889,001 B2
- + Individual vessel permeate flowmeters
- + HMI with web access
- + Interstages booster pump
- + Inline brix monitor
- + SS plumbing
- + SS soap filter
- + Complete automation
- + 230V - 460V - 600V - 3 phases

## MemPro 4000 D - 10000 D-SS

- Superior quality & performance
- Unimodular design
- Positive recirculation on membrane elements
- Stainless steel construction frame & plumbing
- Stainless steel pumps with Industrial motors (top mounted)
- Stainless steel integrated CIP tank
- Ventilated stainless steel electrical box
- Permeate & concentrate valve panel

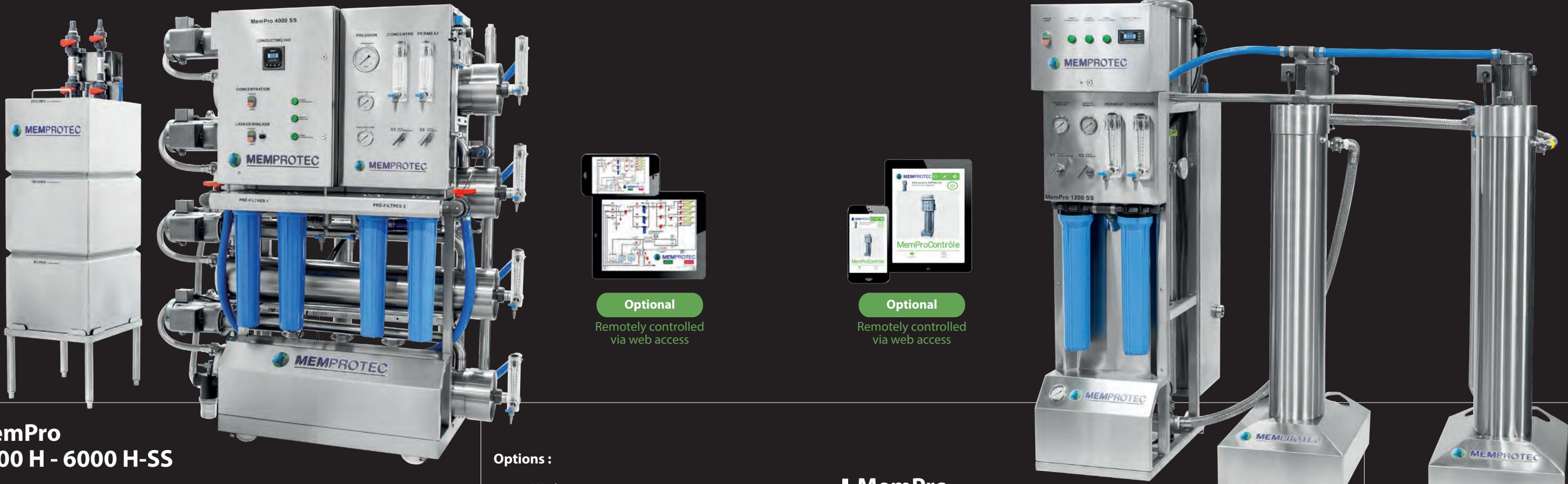
### Options :

- + Drainage by air «Mempro Flush» patent # US 8,889,001 B2
- + Individual vessel permeate flowmeters
- + HMI with web access
- + Interstages booster pump
- + Inline brix monitor
- + SS plumbing
- + Soap filter
- + Complete automation
- + 230V - 460V - 600V - 3 phases
- + 1 independant bank of 7 X 20 inch filters in SS

Model	Membrane Quantity	Prefilter 5 microns	Feed Pump	Pressure Pump	Recirculation Pump	Amps. 240 volts	Dimensions (L x D x H)
MemPro 12000 DD-SS	12 x 8"	2 x 7 x 20"	5 hp	2 x 7,5 hp	6 x 3 hp	168	112" x 53" x 75"
MemPro 14000 DD-SS	14 x 8"	2 x 7 x 20"	5 hp	3 x 7,5 hp	7 x 3 hp	216	112" x 53" x 75"
MemPro 16000 DD-SS	16 x 8"	2 x 7 x 20"	5 hp	3 x 7,5 hp	8 x 3 hp	229	112" x 53" x 75"
MemPro 18000 DD-SS	18 x 8"	2 x 7 x 20"	7,5 hp	4 x 7,5 hp	9 x 3 hp	278	112" x 53" x 75"
MemPro 20000 DD-SS *	20 x 8"	2 x 7 x 20"	7,5 hp	4 x 7,5 hp	10 x 3 hp	291	112" x 53" x 96"

Model	Membrane Quantity	Prefilter 5 microns	Feed Pump	Pressure Pump	Recirculation Pump	Amps. 240 volts	Dimensions (L x D x H)
MemPro 4000 D-SS	4 x 8"	6 x 20"	1 x 3 hp	2 x 5 hp	2 x 3 hp	82	109" x 36" x 76"
MemPro 6000 D-SS	6 x 8"	6 x 20"	1 x 3 hp	3 x 5 hp	3 x 3 hp	114	109" x 36" x 76"
MemPro 8000 D-SS *	8 x 8"	6 x 20"	1 x 5 hp	2 x 7,5 hp	4 x 3 hp	139	109" x 36" x 76"
MemPro 10000 D-SS	10 x 8"	6 x 20"	1 x 5 hp	2 x 7,5 hp	5 x 3 hp	157	109" x 36" x 96"

\* picture above



## MemPro 1000 H - 6000 H-SS

- Superior quality & performance
- Modular conception
- Positive recirculation on membrane elements
- Stainless steel construction frame & plumbing
- Stainless steel pumps with industrial motors (top mounted)
- Stainless steel modular CIP tank
- Ventilated stainless steel electrical box
- Permeate & concentrate valve panel
- Option of expansion up to 8 elements & 4 high pressure pumps
- Programmable logic controller
- Conductivity meter & digital temperature monitor
- Low pressure & high temperature safety
- 2 independent banks of 2 X 20 inch filter housings
- Strainer included
- 5 years limited warranty

### Options :

- + Wash water management with pH meter
- + Drainage by air «Mempro Flush» patent # US 8,889,001 B2
- + Individual vessel permeate flow meters
- + HMI with web access
- + Interstages booster pumps
- + Inline brix monitor
- + SS valves
- + 230V - 460V - 600V - 3 phases
- + Complete automation

## MemPro 1200 V - 2400 V-SS

- Superior quality & performance
- Compact
- Easy & simplified operation
- Positive recirculation on membrane elements
- Stainless steel frame & plumbing
- Mounted on casters
- Stainless steel recirculation pump with industrial motor (top mounted)
- Stainless steel electrical box
- Stainess steel modular CIP tank
- Permeate & concentrate valve panel
- Option of expansion up to 4 elements, 2 high pressure pumps
- Programmable controller
- Low pressure & high temperature safety protection
- Feed pump & 2 filter housings (20")
- Digital conductivity monitor
- 5 years limited warranty

### Options :

- + Inlet strainer 1.5"
- + Horizontal element support
- + Remotely controlled via web access
- + Inline brix monitor
- + 230V - 460V - 600V - 3 phases

Model	Membrane Quantity	Prefilter 5 microns	Feed Pump	Pressure Pump	Recirculation Pump	Amps. 240 volts	Dimensions (L x D x H)
MemPro 1000 H-SS	1 x 8"	4 x 20"	2,5 hp	1 x 5 hp	1 x 1,5 hp	35	69" x 33½" x 73" + 19"
MemPro 2000 H-SS	2 x 8"	4 x 20"	2,5 hp	1 x 5 hp	2 x 1,5 hp	45	69" x 33½" x 73" + 19"
MemPro 3000 H-SS	3 x 8"	4 x 20"	2,5 hp	2 x 5 hp	3 x 1,5 hp	70	69" x 33½" x 73" + 19"
MemPro 4000 H-SS *	4 x 8"	4 x 20"	2,5 hp	2 x 5 hp	4 x 1,5 hp	77	69" x 33½" x 73" + 19"
MemPro 5000 H-SS	5 x 8"	4 x 20"	2,5 hp	3 x 5 hp	5 x 1,5 hp	103	69" x 33½" x 90" + 19"
MemPro 6000 H-SS	6 x 8"	4 x 20"	2,5 hp	3 x 5 hp	6 x 1,5 hp	110	69" x 41" x 90" + 19"

Model	Membrane Quantity	Prefilter 5 microns	Feed Pump	Pressure Pump	Recirculation Pump	Amps. 240 volts	Dimensions (L x D x H)
MemPro 1200 V-SS *	2 x 8"	2 x 20"	2,5 hp	1 x 5 hp	2 x 1,5 hp	45	80" x 24" x 64"
MemPro 1800 V-SS	3 x 8"	2 x 20"	2,5 hp	1 x 7,5 hp	3 x 1,5 hp	64	100" x 24" x 64"
MemPro 2400 V-SS * picture above	4 x 8"	2 x 20"	2,5 hp	1 x 7,5 hp	4 x 1,5 hp	71	120" x 24" x 64"



## MemPro 450 V - 900 V-SS

- Superior quality & performance
- Compact modular conception
- Easy & simplified operation
- Positive recirculation on membrane elements
- Stainless steel frame & plumbing
- Mounted on casters
- 2 Stainless steel high pressure pumps with industrial motors (top mounted)
- Stainless steel modular CIP tank
- Stainless steel electrical box
- Permeate & concentrate valve panel
- Option of expansion up to 3 elements
- Low pressure & high temperature safety protection
- Feed pump & 2 filter housings
- Digital conductivity monitor
- 5 years limited warranty



## Expansion Unit

- Superior quality and performance
- Compact conception
- Easy and quick installation
- Positive recirculation on membrane elements
- Stainless steel frame and plumbing
- Mounted on caster (Only vertical model)
- Stainless steel recirculation pump with industrial motor (Top mounted)
- 5 years limited warranty

### Options :

- + Inlet strainer 1.5 inch
- + Drainage by air «Mempro Flush» patent # US 8,889,001 B2
- + Individual vessel flowmeters
- + Wi-Fi remote control
- + Inline brix monitor
- + 230V - 460V - 600V - 3 phases

Model	Membrane Quantity	Prefilter 5 microns	Feed Pump	Pressure Pump	Recirculation Pump	Amps. 240 volts	Dimensions (L x D x H)
MemPro 450 V-SS	1 x 8"	1 x 20"	1 hp	3 hp	1,5 hp	27	19" x 25" x 64"
MemPro 600 V-SS*	1 x 8"	1 x 20"	1 hp	5 hp	1,5 hp	34	19" x 25" x 64"
MemPro 900 V-SS	2 x 8"	1 x 20"	2,5 hp	5 hp	2 x 1,5 hp	45	38" x 25" x 64"

Model	Membrane Quantity	Recirculation Pump	Amps. 240 volts	Dimensions (L x D x H)
SS Vertical Post *	1 x 8"	1.5 hp	6.5	18" x 24" x 62"
SS Horizontal Post	1 x 8"	1.5 hp	6.5	62" x 9" x 20"
SS Double Post	2 x 8"	3 hp	13	105" x 10" x 21"

\* picture above

\* picture above



**Optional**  
Remotely controlled  
via web access



#### Options :

- + GFCI Breaker (must be used when installation above sap tank)
- + Concentrate & permeate valve panel
- + Inlet strainer 1 po

## MemPro 350 H - 350 V-SS

- Superior quality & performance
- Affordable & compact
- Frost protection - drainable conception
- Horizontal installation on top of sap tank
- No need of concentrate tank (batch concentration)
- 10 minutes fast & simple installation
- Low electrical power consumption
- Easy & simplified operation
- Positive recirculation on membrane elements
- Stainless steel frame & plumbing
- Mounted on casters
- Stainless Steel recirculation pump
- SS high efficiency pressure pumps
- Low pressure and high temperature safety protection
- 10 inch filter housing



**Optional**  
Remotely controlled  
via web access

## MemPro 100-200 H-SS

- Superior quality & performance
- Affordable & compact
- Frost protection - drainable conception
- Horizontal installation on top of sap tank
- No need of concentrate tank (batch concentration)
- 10 minutes fast & simple installation
- Low electrical power consumption
- Easy & simplified operation
- Positive recirculation on membrane elements
- Stainless steel frame & plumbing
- Mounted on casters
- Stainless Steel recirculation pump
- SS high efficiency pressure pumps
- Low pressure and high temperature safety protection
- 10 inch filter housing
- Strainer included
- 5 years limited warranty
- Patent # CA 2,642,050 & # US 8,025,799

#### Options :

- + GFCI Breaker (must be used when installation above sap tank)
- + Concentrate & permeate valve panel
- + Inlet strainer 1 po

Model Ga/hour	Membrane Quantity	Prefilter 5 microns	Pressure Pump	Recirculation Pump	Amps. 240 volts	Weight (lbs)	Dimensions (L x D x H)	Model Ga/hour	Membrane Quantity	Prefilter 5 microns	Pressure Pump	Recirculation Pump	Amps. 120 volts	Weight (lbs)	Dimensions (L x D x H)
MemPro 350 H-SS	1 x 8"	1 x 10"	1,5 hp	1,5 hp	15	320	64" x 22" x 23"	MemPro100 H-SS	1 x 4"	1 x 10"	½ hp	½ hp	14	150	50" x 16" x 21"
MemPro 350 V-SS	1 x 8"	1 x 10"	1,5 hp	1,5 hp	15	335	19" x 25" x 64"	Mempro 200 H-SS *	2 x 4"	1 x 10"	¾ hp	½ hp	18	175	50" x 16" x 21"



## MiniPro 100 SS

- For maple bush of 200 to 500 taps
- Superior quality & performance
- Affordable & compact
- Low pressure protection
- Frost protection - drainable conception
- Horizontal installation on top of sap tank or vertical installation
- Fast & simple installation
- No need of concentrate tank (batch concentration)
- Low electrical power consumption
- Easy & simplified operation
- Stainless steel frame & plumbing
- Mounted on casters
- SS high efficiency pressure pumps
- 10 inch filter housing
- Strainer included
- 5 years limited warranty
- Patent # CA 2,642,050
- Patent # US 8,025,799

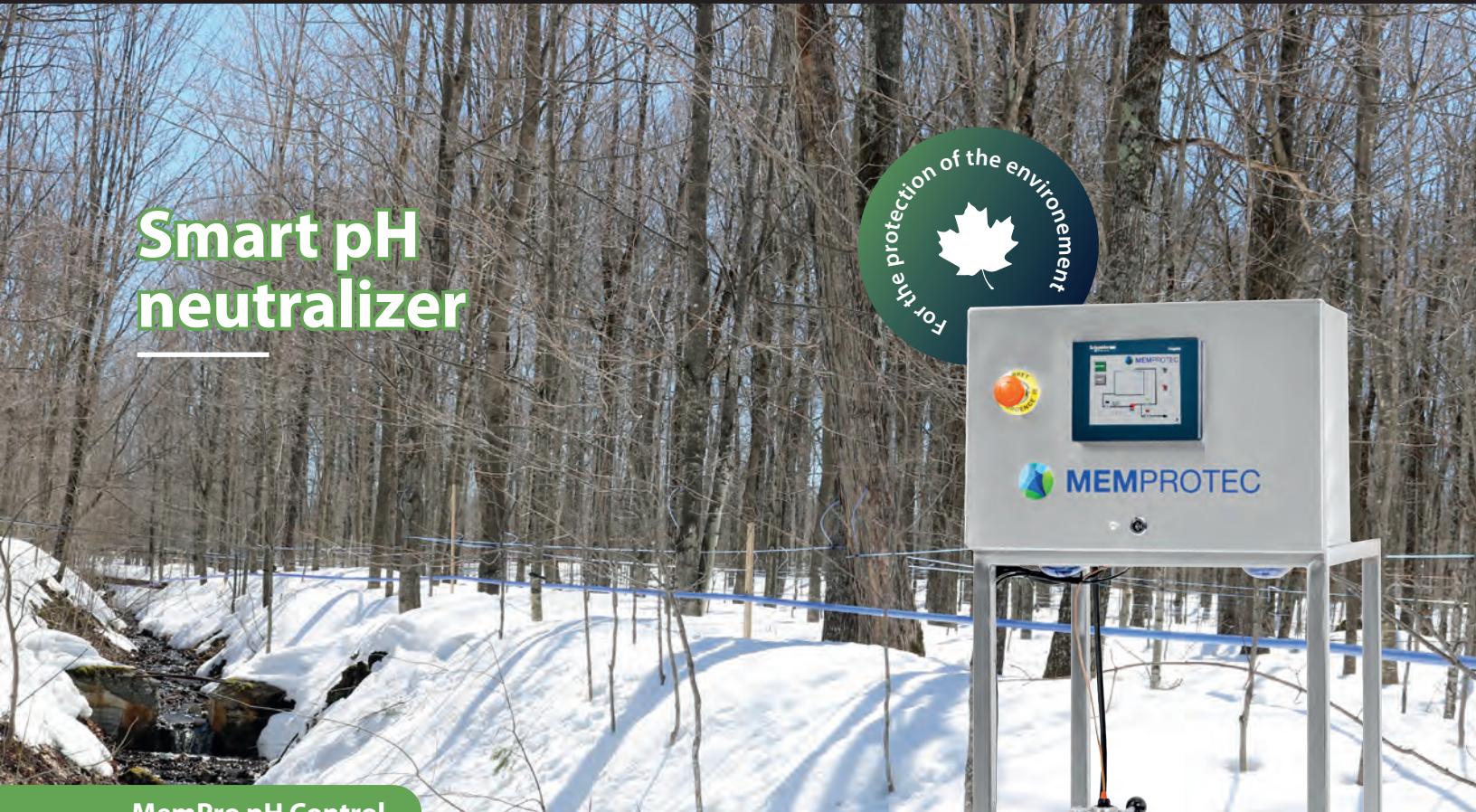
### Options :

- + Flowmeters panel
- + 120 volt GFCI breaker



Easy to transform vertically

Model	Membrane Quantity	Prefilter 5 microns	Pressure Pump	Amps. 120 volts	Weight (lbs)	Dimensions (L x D x H)
MiniPro 100 SS	1 x 4"	1 x 10"	¾ hp	10,4	88,5	50" x 16" x 21"



## Smart pH neutralizer

### MemPro pH Control

- Neutralize the pH of your washing water from your RO with our **MemPro pH Control** system in a simple and completely automated way.
- Whether your water is acidic or basic, our system will inject acid or a base as needed to neutralize the solution and thus safely reject it in the environment.
- You will be able to do and monitor the neutralization process remotely using the touch screen of the **MemPro pH Control** system with wifi.
- 2 models are available: the smart model and the automatic model.
- Greatly reduce the amount of wash water to be neutralized with the Memproflush technology.
- Compatible with **MEMPROTEC RO's** and all brands of RO'S.

### Inform yourself!





## Delta Pro 2400-9600

- Frame: Stainless Steel
- Control box certified NEMA
- Stainless steel plumbing 304
- Solenoid valve 304 SS
- Electronic controller with indicator light for full tank, low pressure monitoring at feed pump, pre-treatment, rinse and start-up interlock.
- Sediment pre-filter BB - 20" 5 micron
- Automatic rinsing with programmable supply water
- 1 year limited warranty

Model	Membrane Quantity	Gallons / day	Pressure Pump	Amps. 240 volts	Dimensions (L x D x H)
Delta Pro 2400	1 x 4"	2400	1 hp	6,8	24" x 16" x 55"
Delta Pro 4800*	2 x 4"	4800	1 hp	6,8	24" x 16" x 55"
Delta Pro 7200	3 x 4"	7200	1,5 hp	9,2	24" x 16" x 55"
Delta Pro 9600	4 x 4"	9600	1,5 hp	9,2	24" x 16" x 55"

\* picture above

### Digital Refractometer

694076



### Inline refractometer

0-33 3603  
0-80 3604 (for syrup)



### Automatic draw-off valve

506050



### BARINOX Stainless Steel Drums

25 gl 3805100  
34 gl 3805101  
40 gl 3805104



### Strainer

1" 398505  
1½" 39957  
2" 398504  
3" 398507



### Valve panel

1/2" 501525  
3/4" 501526  
1" 501527  
1-1/4" 501530



### 20" Filter Housing

Big blue 399931  
10" 38019  
20" 38009



### Membrane Storage Vessel



### Complete filter kit 350 lbs and pump

4" 899254  
8" 899255



GECI 240 volts 20 amp (Mempro 350)  
2021605

### Membrane

Membrane 4" MEMPRO 4040 LFT-HE  
Membrane 8" MEMPRO 8040 LFT-HE

399994  
399991



### Memproflush regulator



399575M

# Accessories



# MEMPROTEC



## Syrup filter press 12x12

Several sizes available up to 10 filtration plates with hydraulic jack and 12 ton air.

## Syrup filter press 20x20

Several sizes available from 7 to 20 filtration plates with hydraulic jack and 20 ton air.

### Accessories included with the presses:

- Drain valve
- Industrial wheels on bearing
- Tilt feature for better emptying
- Drain plug on failure
- Stainless steel jack rod
- Knife to reduce number of plates
- 2 sets of filters for each syrup press
- Pump mounting bracket



## Complet kit glass media filter

Plastic filter 45 gpm	399954
Plastic filter 75 gpm	399955
Stainless steel filter 75 gpm	399957
Glass media 60 lbs	3807660

**PUMP CHOICE**  
With the purchase  
of a filter kit.



# Cleaners and accessories



**MEMPROTEC**

Monitoring and maintenance of your membranes every day of the sugar season is essential to maintain optimal concentration performance throughout the season and to preserve your membranes in the long run. **MEMPROTEC** offers you a complete range of high performance maintenance products for your RO.



## Cleaners for pans

### SUPER CLEAN

- 4 L 40F01-004
- 20 L 40F01-003



### Esthetic Cleaner for stainless steel accessories

- 4L 38050



## Filtering powder

- Hy-Flo 50lbs 38003



## Cleaners for membranes

### Bio-Clean B cleaner

Membrane cleaner for Mempro 8040 LFT-HE, Filmtec, Mempro NF-70, H2O, Hydranautics

- A 4 L 380015
- B 20 L 380016

### Bio-Protec PG

Long term storing solution.

- C 4 L 37985PP
- D 20 L 37986PP

### Bio-Acid

Cleaner for reverse osmosis or nanofiltration membrane.

- E 2 KG 37995
- F 4 KG 379955
- G 18 KG 379951

### Bio-Preserve

Short term preservation.

- H 16 oz 379905

### OXISAN Cleaner

- M 4L 38006
- 20L 380061

## Filters

### Filter Cartridge

- K 9 7/8" Purtrex 5 microns 39905
- L 20" Purtrex 5 microns 38002



### 4½ x 20" Soap filter

- I Single use 255496
- J Reusable SS 380449



### 7" x 30" Soap prefilt'

- N 380775

## CLEANERS FOR TUBING

### Cleaning Kit

- Reservoir and dispenser 40G02-001
- Cleaning tip 1¼" 40G02-002



### Isopropyl Alcohol 70%

- 20L 380340
- 205L 380342



# SPOUTS

5/16" SERIE



SOON AVAILABLE IN 3/16"  
ASK YOUR DISTRIBUTOR!



# SEASONAL

AVAILABLE :

● blue

● green

● orange

○ clear

● smoked gray



CLEAR SPOUT REDUCER  
7/16" TO 5/16"  
302 702-PC

CLEAR SPOUT REDUCER  
1/4"  
302 908

CLEAR SPOUT REDUCER  
1/4"  
302 907

CLEAR SPOUT REDUCER  
5/16"  
302 703-PC

SPOUT REDUCER MALE  
7/16" TO 5/16"  
● black only

302 702



ORANGE SPOUT  
SEASONAL  
19/64"  
● orange  
302 704-O

WHITE SPOUT  
SEASONAL  
19/64"  
○ white  
302 704-BC

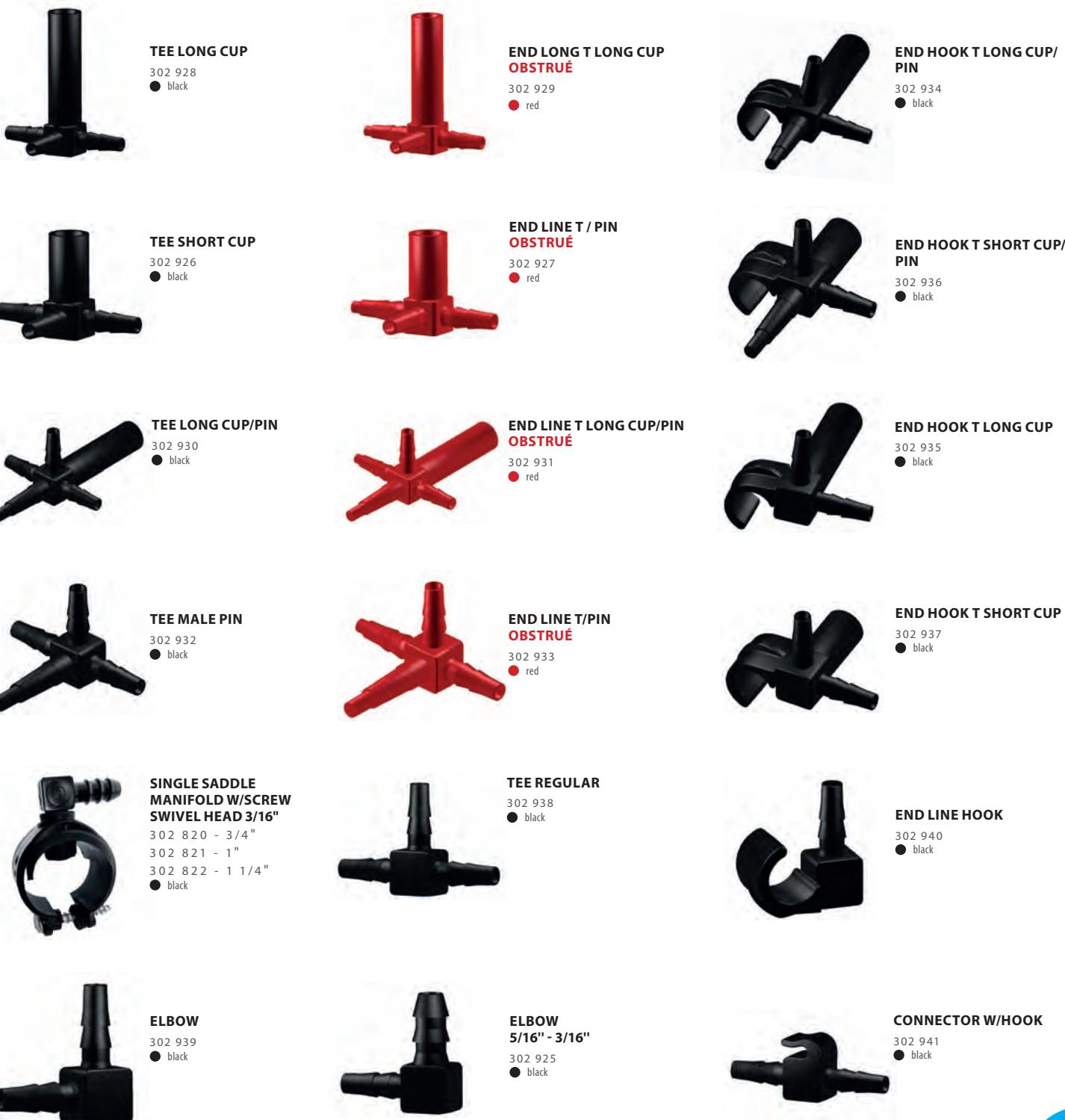
## NEW SADDLE

- FIX HEAD
- STAINLESS STEEL COLLAR



# CONNECTORS

3/16" SERIE



# CONNECTORS

5/16" SERIE



Ask for  
O'Ring



**TEE LONG CUP**  
302 915  
● black



**END LINE T LONG CUP  
OBSTRUÉ**  
302 916  
● red



**END HOOK T  
LONG CUP/PIN**  
302 919  
● black



**TEE FEMELLE CUP**  
302 715  
● black



**END LINE T SHORT CUP  
OBSTRUÉ**  
302 717  
● red



**END HOOK T  
SHORT CUP/PIN**  
302 921  
● black



**TEE LONG CUP/PIN**  
302 917  
● black



**END LINE T LONG  
CUP/PIN OBSTRUÉ**  
302 918  
● red



**END HOOK T  
LONG CUP**  
302 920  
● black



**TEE MALE PIN**  
302 714  
● black



**END LINE T/PIN  
OBSTRUÉ**  
302 716  
● red



**END HOOK T  
SHORT CUP**  
302 922  
● black



**TEE 5/16" - 3/16"**  
302 924  
● black



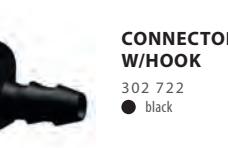
**TEE REGULAR**  
302 712  
● black



**END LINE HOOK**  
302 923  
● black



**ELBOW**  
302 720  
● black



**CONNECTOR  
W/HOOK**  
302 722  
● black



**END LINE  
LOOP/RING**  
302 728  
● black



**CONNECTOR**  
302 710  
● black

# ACCESSORIES



**FLAG MARKER**  
302 885-R  
● red  
302 885-O  
● orange  
302 885-Y  
● yellow



**SINGLE SADDLE  
MANIFOLD W/SCREW  
SWIVEL HEAD  
3/16" OR 5/16"**  
302 820 - 3/4"  
302 821 - 1"  
302 822 - 1 1/4"  
● black



**DOUBLE SADDLE MANIFOLD W/  
SCREW SWIVEL HEAD 5/16"**  
302 830 - 3/4"  
302 831 - 1"  
302 832 - 1 1/4"  
● black



**COLLAR**  
302 825 - 3/4"  
302 826 - 1"  
302 827 - 1 1/4"  
● black



**VACUUM TESTER  
ADAPTER**  
Test vacuum on the spout  
or/and the mainline.  
302 884



**SINGLE SADDLE MANIFOLD  
1" WITH COLLAR - FIXED  
HEAD**  
302 887  
● black



**SADDLE MAINFOLD  
UNIVERSAL-FIXED HEAD**  
302 905  
● black



**FORK 5/16"**  
302 724  
● black



**END LINE VALVE**  
302 741 - 1"  
302 741 - 3/4"



**SADDLE MANIFOLD  
RUBBER 5/16"**  
302 829  
● black



**STRANGLER  
W/ LOOP / RING 5/16"**  
302 730  
● noir



**STRANGLER  
W/HOOK 5/16"**  
302 731  
● black



**CAP MALE W/HOOK 5/16"**  
302 734  
● black



**CAP FEMALE - END CAP  
5/16"**  
302 736  
● noir



**STAR 3-WAYS  
5/16"**  
302 753  
● black



**STAR 6-WAYS  
5/16"**  
302 756  
● black



**FLASK CLEAR AND CAP**  
302 901

PERFECT FOR  
SPOUTS SANITATION

# Releasers and humidity trap



## ÉrabliTEK releaser

Four models available depending on the number of taps and each of them is available either much mechanical or electrical.

- |                |     |                    |
|----------------|-----|--------------------|
| • Releaser 12" | +/- | <b>2 500 taps</b>  |
| • Releaser 24" | +/- | <b>5 000 taps</b>  |
| • Release 36"  | +/- | <b>10 000 taps</b> |
| • Release 48"  | +/- | <b>15 000 taps</b> |



## No sap kick-back

The ÉrabliTEK No sap kick-back is designed to physically prevent water from backing up to your vacuum pump and protect it from damage. In the event that nothing is able to stop the flow of water that goes back to your vacuum pump, the No sap kick-back will be the ultimate protection.

It is available for air line 2" and 3".



## Humidity trap

The ÉrabliTEK moisture trap is designed to operate in absolute vacuum. It removes as much as possible the fine water droplets that can reach the vacuum pump with its centrifugal force and coalescing filters.

- **1 filter :** Maximum **3 000 taps**
- **2 filters :** Maximum **6 000 taps**
- **3 filters :** Maximum **9 000 taps**
- **4 filters :** Maximum **12 000 taps**
- **5 filters :** **12 000 taps +**



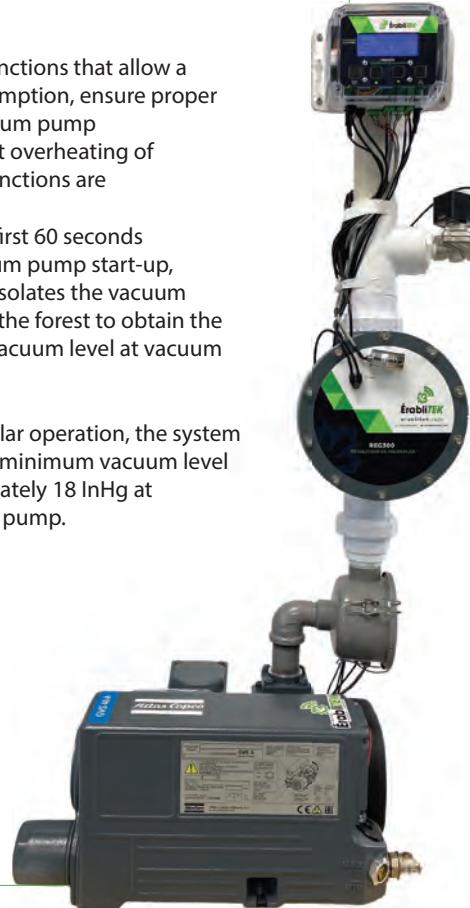
## GHS300 Stand-alone modulation controller 3.0

For Atlas Copco GHS VSD+ Vacuum Pump

The ÉrabliTEK stand-alone modulation controllers and the stand-alone vacuum control system are designed to increase the efficiency of your sugar bush by controlling the vacuum level relative to the temperature. By modulating or regulating your vacuum pump, you avoid freezing at the level of the tubing in the sugarbush and seek the maximum of your flows.

## The benefits of the controller

- Stable and precise regulation of the vacuum level without creating leaks, thus without recoil in the sugarbush.
- Stable and precise regulation of the vacuum level without creating leaks, thus without recoil in the sugarbush.
- Independent regulation of the vacuum level of several controllers connected to the same vacuum pump.
- By independently managing the vacuum level at the release valve and the vacuum pump we can have a regulation of the vacuum level from 0 InHg to the absolute vacuum at the release valve while keeping the maximum vacuum level at the vacuum pump. The closer the vacuum pump is to the absolute vacuum, the less it heats up and the less energy it consumes.
- Waiting for the moisture trap to be empty before restarting the vacuum pump will prevent another immediate shutdown (during an emergency stop) Independent regulation of the vacuum level of several controllers connected to the same vacuum pump.
- The system has two functions that allow a reduced energy consumption, ensure proper lubrication of the vacuum pump (oil pump) and prevent overheating of the engine. The two functions are
  - During the first 60 seconds of the vacuum pump start-up, the system isolates the vacuum pump from the forest to obtain the maximum vacuum level at vacuum pump only.
  - During regular operation, the system maintains a minimum vacuum level of approximately 18 InHg at the vacuum pump.





## ATLAS COPCO Screw pumps

Oil bath with  
VSD technology

Clean, quiet and energy efficient. Our GHS VSD+ series reduces your energy costs by 50% on average and increases production speed. The GHS VSD+ series is a highly efficient and intelligent range of vacuum pumps with variable speed drive (VSD).

### GHS 350-900VSD+ Series

- High energy efficiency
- Guaranteed reliability
- Sustainable/environmentally friendly productivity
- Quick and easy installation

### High energy efficiency

With variable speed and set point control, the GHS VSD+ series delivers the desired flow without excess. There is no waste of energy. State-of-the-art screw technology, driven directly by an IE3 high-efficiency engine, also contributes to low energy consumption.

### Assured Reliability

The hot and cold areas isolate the heat-emitting and high-temperature components from the electronic components, ensuring high pump performance, without condensation. This ensures perfect cooling and a long service life of the electronic components. In addition, the life of the screw element is much longer than that of the pallets, which makes it possible to considerably increase the intervals between maintenance.



## Rotary Vane Oil Bath Pumps

The GVS 25-630 A series operates on the proven principle of oil-bath rotary vane pumps. This principle has been proven in all industrial vacuum applications, with many innovative features that guarantee the best performance at reduced life cycle costs.

### GVS Series 25-630 A

- Robust design
- Extended oil life
- Ready for use
- Clean and effective

### Benefits You Can Count On

The new GVS A series is easy to install thanks to its compact design. It guarantees high reliability thanks to a robust design and optimal oil retention at all operating pressures while maintaining low noise and vibration levels. With the most suitable pumps for very low temperatures on the market, we extend the life of the oil.

### Ready-to-Use

The GVS 25-630 A rotary vane vacuum pumps are delivered ready-to-use with all the options and accessories needed for the vast majority of vacuum applications. If you have a specific need, contact your Atlas Copco advisor to help you choose the best solution.

Model	Capacity (CFM)	Max. Vac. (InHg)	Hp	Model	Capacity (CFM)	Max. Vac. (InHg)	Hp
GHS350VSD+	240	29.91	7.5	GVS25A	17	29.91	1.2
GHS585VSD+	330	29.91	10	GVS40A	31	29.91	2
GHS730VSD+	430	29.91	15	GVS60A	42	29.91	3
GHS900VSD+ 3PH seulement	510	29.91	20	GVS100A	69	29.91	5
				GVS150	107	29.92	5
				GVS200A	130	29.92	7.5
				GVS300A	200	29.92	8.6
				GVS470A	366	29.92	15
				GVS630A	494	29.92	25

# Stainless steel fittings

## White PVC



**"T" Adaptator soc**

(soc x soc)	
1 1/2"	30J01-150
2"	30J01-200



**90° Elbow**

(soc x soc)	
1 1/2"	30J05-150
2"	30J05-200



**Union soc dismountable buna-n O'ring**

(soc x soc)	
1 1/2"	30J34-150
2"	30J34-200



**45° Elbow**

(soc x soc)	
1 1/2"	30J17-150
2"	30J17-200



**Cross soc**

(soc x soc)	
1 1/2"	30J19-150
2"	30J19-200

**Cap soc**

(soc x soc)	
1 1/2"	30J30-150
2"	30J30-200

**A Threaded adapter**

(mnpt x ins)	
1/2" x 1/2"	6963501
1/2" x 3/4"	6963502
3/4" x 1/2"	6963503
3/4" x 3/4"	6963504
3/4" x 1"	6963505
1" x 3/4"	6963506
1" x 1"	6963507
1" x 1 1/4"	6963508
1 1/4" x 1"	6963509
1 1/4" x 1 1/4"	6963510
1 1/4" x 1 1/2"	6963511
1 1/2" x 1"	6963512
1 1/2" x 1 1/4"	6963513
1 1/2" x 1 1/2"	6963514
1 1/2" x 2"	6963515
2" x 1 1/2"	6963516
3" x 3"	6963518

**D Elbow welded 90°**

(ins x ins)	
3/4"	6963540
1"	6963541
1 1/4"	6963542
1 1/2"	6963543
2"	6963544

**Elbow welded 45°**

(ins x ins)	
3/4"	6963550
1"	6963551
1 1/4"	6963552
1 1/2"	6963553
2"	6963554



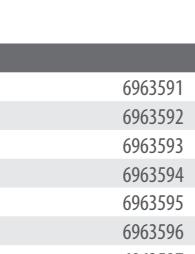
**E "Y" fitting**

(ins x ins)	
1/2" x 1/2"	6963560
3/4" x 1/2"	6963561
3/4" x 3/4"	6963562
1" x 3/4"	6963563
1" x 1"	6963564
1 1/4" x 3/4"	6963565
1 1/4" x 1"	6963566
1 1/4" x 1 1/4"	6963567
1 1/2" x 3/4"	6963568
1 1/2" x 1"	6963569
1 1/2" x 1 1/4"	6963570
1 1/2" x 1 1/2"	6963571
2" x 3/4"	6963572
2" x 1"	6963573
2" x 1 1/4"	6963574
2" x 1 1/2"	6963575
2" x 2"	6963576



**F "Y" reducer fitting**

(ins x ins)	
1" x 3/4" x 3/4"	6963580
1 1/4" x 1" x 3/4"	6963581
1 1/4" x 1" x 1"	6963582
1 1/2" x 1" x 3/4"	6963583
1 1/2" x 1" x 1"	6963584
1 1/2" x 1 1/4" x 3/4"	6963585
1 1/2" x 1 1/4" x 1"	6963586
1 1/2" x 1 1/4" x 1 1/4"	6963587
2" x 1 1/2" x 1"	6963588
2" x 1 1/2" x 1 1/4"	6963589
2" x 1 1/2" x 1 1/2"	6963590



**G "T" Fitting**

(ins x ins)	
3/4" x 1 1/4" x 1 1/4"	6963591
1" x 1" x 3/4"	6963592
1" x 1" x 1"	6963593
1 1/4" x 1 1/4" x 3/4"	6963594
1 1/4" x 1 1/4" x 1"	6963595
1 1/4" x 1 1/4" x 1 1/4"	6963596
1 1/2" x 1 1/4" x 1"	6963597
1 1/2" x 1 1/2" x 1 1/4"	6963598
1 1/2" x 1 1/2" x 1 1/2"	6963599
2" (oversized) x 2" (oversized) x 1"	69635991
2" (oversized) x 2" (oversized) x 1 1/4"	69635992
2" (oversized) x 2" (oversized) x 1 1/2"	69635993
2" (oversized) x 2" (oversized) x 2" (oversized)	69635994
3" x 3" x 3" (ins x ins)	69635995

## Collars

**High Performance Stainless steel collar grade 304**

For tube :	Width / Thickness
3/4"	599905
1"	59990
1 1/4"	32824
1 1/2"	52.HAS020
2"	52.HAS028
3"	52.HAS044



**Stainless steel Industrial collar**

For tube :	
1"	6960209
1 1/4"	6960211
1 1/2"	6960218
2"	6960215
3"	6960222



# Camlock adapters

## POLYPROPYLENE

All adapters are available in stainless steel



**Part A**

3/4"	69558
1"	69679
1 1/4"	696794
1 1/2"	696796
2"	696797



**Part B**

3/4"	69674
1"	69551
1 1/4"	69562
1 1/2"	695515
2"	695516



**Part C**

3/4"	69557
1"	69677
1 1/4"	69422
1 1/2"	69424
2"	695571



**Part D**

3/4"	69561
1"	69678
1 1/4"	696784
1 1/2"	695621
2"	69563



**Part E**

3/4"	69556
1"	69676
1 1/4"	696765
1 1/2"	696764
2"	6967645



**Part F**

3/4"	69675
1"	69680
1 1/4"	695586
1 1/2"	696763
2"	6967635



**Part DP**

3/4"	695632
1"	695633
1 1/4"	695634
1 1/2"	695635
2"	695636



**Part DC**

3/4"	695585
1"	695589
1 1/4"	695590
1 1/2"	695591
2"	695592



All adapters are available in stainless steel

# Quick clamp fittings | Stainless steel



**Female Threaded Fitting**

1"	Clamp 1-1/2"	9998221
1 1/2"	Clamp 1-1/2"	9998227
2"	Clamp 1 1/2"	9998222
2"	Clamp 2"	9998226
2 1/2"	Clamp 2 1/2"	9998223
3"	Clamp 3"	9998245



**Male Threaded Fitting**

1"	Clamp 1 1/2"	9998230
1 1/2"	Clamp 1 1/2"	9998231
1 1/2"	Clamp 1 1/2"	9998232
2"	Clamp 2"	9998233



**Clamp HD**

Clamp 1 1/2"	9998206
Clamp 2"	9998210
Clamp 2 1/2"	9998214
Bride 3"	9998218



**Insert Fitting**

1"	Clamp 1"	9998251
1 1/2"	Clamp 1 1/2"	9998252
2"	Clamp 2"	9998253
2 1/2"	Clamp 2 1/2"	9998254
3"	Clamp 3"	9998220



**Gasket**

Clamp 1 1/2"	9998207
Clamp 2"	9998203
Clamp 2 1/2"	9998211
Clamp 3"	9998219

**Cap**

Clamp 1 1/2"	9998225
Clamp 2"	9998225
Clamp 2 1/2"	9998255
Clamp 3"	SFCCP34



**Flexible Vacuum Hose Food Grade**

699325	1"
699326	1 1/4"
699327	1 1/2"
699328	2"
699329	3"



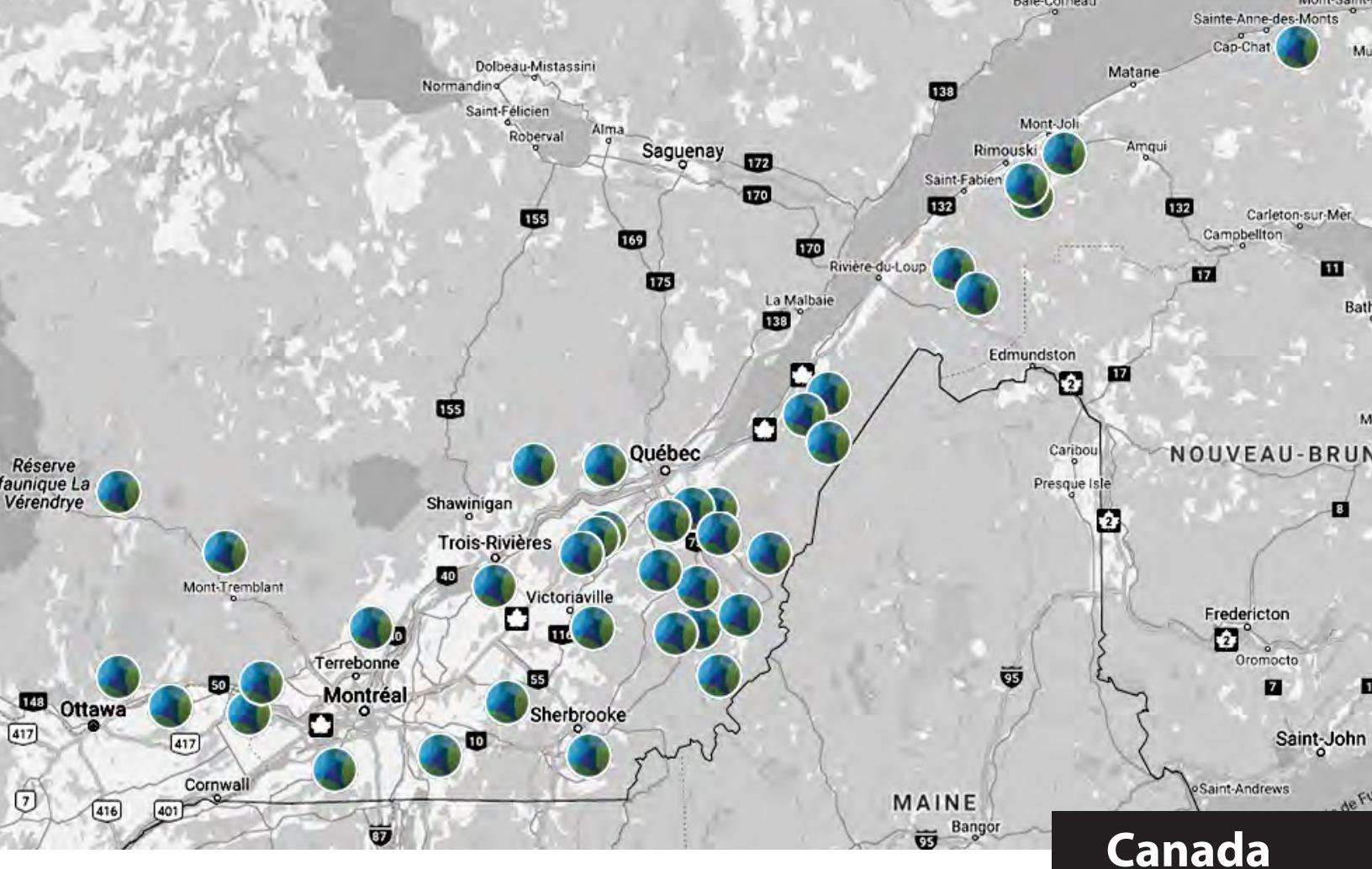
**Braided PVC Clear Hose**

69932	3/4" - 150 PSI
69824	1" - 125 PSI
69602	1 1/4" - 100 PSI
696029	1 1/2" - 100 PSI
696031	2" - 75 PSI



**Vinyl Clear Hose**

69939	3/4" X 1/8" THICK - 35 PSI
699355	1" X 1/8" THICK - 25 PSI
699356	1 1/4" X 1/8" THICK - 20 PSI
699359	3/4" X 1/4" THICK - 40 PSI



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Contact : Bill Mason  
Tel. : 207-625-8089  
wfmasonevaporator@gmail.com

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Woodstock, NH 03262  
  
Tel. : 603-348-6007  
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Loudon, NH 03307

Contact : Jeff Moore  
Tel. : 603-267-8492  
jeff@windsweptmaples.com

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maplechasefarm@yahoo.com

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gschweigart08@gmail.com

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Sullivan, Ohio 44880

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stumpwater@outlook.com

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sheetstool@zoominternet.net

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jcross3071@yahoo.com

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Albany, VT 05820

Contact : Lyman Gilman  
Tel. : 802-755-6268  
lymangilman@gmail.com

#### Roaring Brook Maple

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Contact : Steve & Connie Berger  
Tel. : 802-558-1931  
roaringbrookmaple@yahoo.com

### Jed's Maple

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Derby, VT 05829

Contact : Stephen Wheeler  
Tel. : 802-766-2700  
wheeler@jedsmaple.com

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Crivitz, WIS 54114

Contact : Charles & Ross Wagner  
Tel. : 715-927-4022  
wagnersugarhill@hotmail.com

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jim@smokylakemaple.com

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Contact : Pierre Couture  
Cell. : 418 631-9358  
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201 rang 3 Nord  
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Tel. : 418 899-1721  
Cell. : 418 860-7224  
olivierbrian1@hotmail.com

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237, rue Principale  
Saint-Pierre-de-Lamy, Qc, G0L 4B0

Tel. René : 418 714-4666  
Tel. Anne : 581 337-1558  
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## Capitale-Nationale

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Drummondville, Qc J1Z 2E1

Contact : Eric Dupuis  
Cell. : 819 475-0996  
sucreriecourval@gmail.com

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Princeville, Qc, G6L 4B7

Contact : Gilles Lamontagne  
Tel. : 819 364-7669  
info@toleinox.com

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Saint-Elzéar, Qc, G0S 2J0

Contact : Gérald Marcoux  
Tel. : 418 387-1398 / 418-387-7848  
gerald.marcoux@axion.ca

**Francis Gauthier**  
181 Rang 8  
Saint-Adalbert, Qc, G0R 2M0

Tel. : 418 356-2344  
Cell. : 418 356-6587  
limousinedantan@hotmail.com

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535, 5E rang  
Saint-Damase-de-L'Islet, Qc, G0R 2X0

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Mobile : 418 234-2495  
dpelletier03@outlook.com

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St-Éphrem-de-Beauce, Qc, G0M 1R0

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Sans frais : 1-888-557-4767  
info@lsbilodeau.com

**Michel Proulx**  
110 Beaurivage  
Saint-Sylvestre, Qc, G0S 3C0

Tel. : 418 596-2827  
Cell. : 418 389-2287  
michelp@lsbilodeau.com

**Patrick Nadeau**  
16 route de la Station  
St-Euphémie, QC G0R 2Z0

Tel. : 581 745-5433  
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Contact : Bruno Boutin  
Tel. : 418 428-9381  
info@produitdelerable.com

**R.D. Langlois**  
1039 Principale  
Tourville, Qc, G0R 4M0

Contact : Réjean Langlois  
Tel. : 418 359-3064  
deschenes-d@hotmail.com

**Roger Rodrigue**  
442 rue Principale  
St-Cyprien-Des-Etchemins, Qc, G0R 1B0

Cell. : 418 625-0345  
roger.rodrigue@sogetel.net

## Estrie

### BHR Experts

Contact : Maxime Hallé

70 Chemin Lachance  
Audet, Qc, G0Y 1A0

Tel. : 819 583-5330  
Fax : 819 583-1350  
info@bhrexpects.com

**Équipement DR**  
121 Route 147 Sud  
Coaticook, Qc, J1A 2S2

Contact : Denis Sage  
Tel. : 819 578-4762  
equipementdr@gmail.com

**Érablière Alan Isabel**  
112A, avenue de La Rivière  
Courcelles, Qc, G0M 1C0

Cell. : 819 582-2233  
alan.isabel.18@gmail.com

**Gaston Fortier**  
379 rue Principale  
St-Romain, Qc, G0Y 1L0

Tel. : 418 486-7579  
Cell. : 418 334-3501  
gastonhd@hotmail.ca

## Ferme Les Perron

750 Route 108  
Bury Qc, J0B 1J0

Contacts :  
Alexandre Blais : 819 347-4297  
Yves Fauteux : 819 347-5623  
Tel. : 819 872-3760  
Fax : 819 872-1190  
lesperron@xittel.ca

## Nation de l'érable Brien

365 9e rang Ouest  
Sainte-Anne-de-la-Rochelle, Qc, J0E 2B0

Contact : Patrice Brien  
Tel. : 450 522-2293  
pbrien55@hotmail.com

## Lanaudière

**Érablière Martel**  
1032 François-Olivier  
L'Assomption, Qc, J5W 0G3  
et  
3700 Rang St-Anne  
St-Norbert, Qc, J0K 3C0

Contact : Christian Rail  
Tel. : 514 915-4735  
christianrail@hotmail.com

## Laurentides

**Érablière Jacques Caron**  
14 Chemin de la Sucrerie,  
Val des Lacs, QC J0T 2P0

Contact : Jacques Caron  
Tel. : 418 837-0440  
jacroma1@gmail.com

## Jacques Bilodeau

## Ontario

**Charles & Morgan Summers**  
357 Sweets Corners RD,  
Lyndhurst, ON K0E 1N0

Tel. : 613 331-1078  
farm@saltokinston.com

**Éric Bélisle**  
376 Route 200 E.  
Casselman, Qc, K0A 1M0

Tel. : 613 764-2289  
Cell. : 613 223-4585  
belislesugarbush@yahoo.ca

**François Brunet**  
22400 County Road 10  
Glen Robertson, ON, K0B 1H0

Tel. : 613 874-2864  
Cell. : 613 360-9572  
francoisbrunet60@hotmail.com

## Gaspésie

**Les Entreprises WHB inc.**  
446 route 132 Cloridorme Qc

Contact :  
Mathieu Minville : 418 569-9392  
Allen Gleeton : 450 230-3598  
mathieuminville@hotmail.com

## Mauricie

**Bianka Pagé**  
1540 rang Baril  
Saint-Alexis-des-Monts, Qc, J0K 1V0

Cell. : 514 616-9574  
biankapage06@gmail.com

## Nouveau-Brunswick

**Les Équipements Bouchard**  
1584 chemin Val D'Amours  
Val D'Amours, NB, E3N 5N5

Contact : Jean-François Bouchard  
Cell. : 506 987-3701  
lesequipementsbouchard@gmail.com



# MEMPROTEC

## UNITED-STATES

555 VT route 78  
Swanton VT 05488

Telephone : 844-382-2244  
Fax : 819-382-2111

## CANADA

5133, de la Plaisance  
Chesterville (QC), G0P 1J0, Canada

Telephone : 819-382-2244  
Fax : 819-382-2111

[info@memprotec.com](mailto:info@memprotec.com)

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