

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 1 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

STAND-ALONE WASTEWATER TREATMENT SYSTEMS ECOFLO® BIOFILTERS

Ecoflo® Biofilter Model

Treatment chain Primary treatment and Ecoflo® Biofilter

Capacity

Number of bedrooms	Model Designation	Daily capacity (l/d)	Maximum hydraulic capacity (l/d)
1	500	0 – 540	540
2	500	541 – 1,080	1,080
3	570	1,081 – 1,260	1,260
4	650	1,261 – 1,440	1,440
4	730	1,261 – 1,620	1,620
5	840	1,441 – 1,860	1,860
6	2 units 500	1,801 – 2,160	2,160
6	2 units 650	2,161 – 2,880	2,880
6	2 units 730	2,881 – 3,240	3,240

Nomenclature of models

No mention = fiberglass unit
B = concrete unit with gravity discharge
BA = concrete unit with gravity discharge ready to install
BR = concrete unit with integrated pump
BRA = concrete unit with integrated pump ready to install
P = polyethylene unit
PR = polyethylene unit with integrated pump

Discharge mode

ST = Open bottom (discharge by filtration)
STB = Watertight bottom (gravity or pumped discharge)

Certificate Details

Treatment class

Influent wastewater temperatures

Class III

The tests specified in articles 8.1 and 8.2 were carried out with wastewater, at a minimum controlled temperature of 18 °C.

Other

This treatment chain includes a septic tank as primary treatment. The multiple units, operated in parallel, must be fed by an appropriate device to ensure a uniform distribution of domestic wastewater to all treatment systems while maintaining the purifying performance of each unit.

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 2 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

Ecoflo® Biofilter + Disinfection filter (FDi) model

Treatment chain Primary treatment and Ecoflo® Biofilter and disinfection filter (FDi)

Capacity	Number of bedrooms	Disinfection filter dimensions (m)
	1	4.8 x 7.0
2	4.8 x 7.0	
3	5.6 x 7.0	
4	6.4 x 7.0	
4	7.2 x 7.0	
5	2 sections of 4.0 x 7.0	
6	2 sections of 4.8 x 7.0	

Nomenclature of models Ecoflo-FDi model

Certificate Details Class V

Treatment classes The tests specified in articles 8.1 and 8.2 were carried out with wastewater, at a minimum controlled temperature of 18 °C

Influent wastewater temperatures

Other Filter sand specifications must meet the requirements described in the installation guides. This treatment chain includes a septic tank as primary treatment.

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 3 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment
Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

STAND-ALONE WASTEWATER TREATMENT SYSTEM DPEC + ECOFLO® BIOFILTERS

DpEC + Ecoflo® Biofilter model

Treatment chain Primary treatment with polyethylene or concrete electrocoagulation unit and Ecoflo® Biofilter

Capacity

Number of bedrooms	Maximum hydraulic capacity (l/d)	Number of DpEC
1	540	1
2	1,080	1
3	1,260	1
4	1,440	1
5	1,800	1

Nomenclature of models DpEC-Ecoflo model

Nomenclature of electrocoagulation models
DpEC-090P = polyethylene unit
DpEC-090B = concrete unit

Certificate details Class IV
Treatment class The tests specified in articles 8.1 and 8.2 were carried out with wastewater, at a minimum controlled temperature of 17 °C ±1 °C
Influent wastewater temperatures

Other This treatment chain includes a primary reactor (septic tank with flow controller) as primary treatment.

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 4 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

STAND-ALONE WASTEWATER SYTEM DPEC + SAND FILTER

DpEC + Sand filter (classes IV et V) model

Treatment chain Primary treatment with polyethylene or concrete electrocoagulation unit and Ecoflo® Biofilter and sand filter

Capacity

Number of bedrooms	Maximum hydraulic capacity (l/d)	Number of DpEC	Sand filter dimensions (m)
1	540	1	6.4 x 3
2	1,080	1	6.4 x 3
3	1,260	1	6.4 x 3
4	1,440	1	6.4 x 3
5	1,800	1	6.4 x 4.5
6	2,160	1	6.4 x 4.5

Nomenclature of models

DpEC-FAS

Nomenclature of electrocoagulation models

DpEC-090P = polyethylene unit
DpEC-090B = concrete unit

Certificate details

Class IV and V

Treatment class

The tests specified in articles 8.1 and 8.2 were carried out with wastewater, at a minimum controlled temperature of 11 °C ±1 °C

Influent wastewater temperatures

Other

FAS feeding is carried out by dosing.
The specifications of the filter sand must meet the requirements described in the installation guides.
This treatment chain includes a primary reactor (septic tank with flow controller) as primary treatment.

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 5 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

Ecoflo® Coco filter + FAS model

Treatment chain Primary treatment and Ecoflo® Coco filter and Sand filter (FAS)

Capacity

Number of bedrooms	Ecoflo® Filtre Coco models	Maximum hydraulic capacity Biofiltre Ecoflo® (l/d) TCH = 385 l/m ² -d	Unit type	Discharge mode	FAS minimum area (m ²) TCH = 150 l/m ² -d
1	2.8	1,080	Polyethylene and Contrete	Gravity and pumped	7.2
2	2.8	1,080	Polyethylene and Contrete	Gravity and pumped	7.2
3	3.4	1,260	Polyethylene and Contrete	Gravity and pumped	8.4
4	3.8	1,440	Concrete	Gravity and pumped	9.6
4	4.1	1,440	Polyethylene	Gravity and pumped	9.6
5	5.2	1,800	Fiberglass	Infiltration	12.0
6	5.7	2,160	Polyethylene	Infiltration, gravity and pumped	14.4
6	5.7	2,160	Contrete	Gravity and pumped	14.4
6	6.5	2,160	Polyethylene, Concrete and Fiberglass	Gravity, pumped and infiltration	14.4
	6.5	2,500	Polyethylene, Concrete and Fiberglass	Gravity, pumped and infiltration	16.7
	7.3	2,810	Polyethylene	Gravity, pumped and infiltration	18.7
	8.4	3,240	Concrete	Gravity and pumped	21.6
	2 units 3.4	2,620	Polyethylene and Contrete	Gravity and pumped	17.5
	2 units 3.8	2,880	Polyethylene and Contrete	Gravity and pumped	19.2
	2 units 4.1	3,160	Polyethylene	Gravity and pumped	21.1
	2 units 5.2	3,240	Fiberglass	Infiltration	21.6
	2 units 5.7	3,240	Polyethylene	Infiltration, gravity and pumped	21.6

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 6 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

Ecoflo® Filtre Coco model + FAS

Nomenclature of models	<p>E = Ecoflo® C = Coco 2.8 to 8.4 = Area of Ecoflo® Coco filter model C = concrete unit P = polyethylene unit F = fiberglass PACK = combination of primary treatment to Ecoflo® Coco filter FAS = sand filter</p>
Discharge mode	<p>O = Open botton (discharge by infiltration) P = Watertight bottom (pumped discharge) G = Watertight bottom (discharge by gravity with flushing trough)</p>
Certificate details	Class III
Treatment class	The tests specified in articles 8.1 and 8.2 were carried out with wastewater, at a minimum controlled temperature of 18 °C.
Influent wastewater temperatures	
Other	<p>FAS feeding is carried out by dosing.</p> <p>The specifications of the filter sand must meet the requirements described in the installation guides.</p> <p>This treatment chain includes a septic tank or a pretreatment chamber as primary treatment.</p> <p>Multiple units, <u>operated in parallel</u>, must be fed by an appropriate device so as to ensure a uniform distribution of domestic wastewater to all treatment systems while maintaining the purifying performance of each unit.</p>

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 7 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

Ecoflo® Filtre Coco model + Disinfection filter (FDi)

Treatment chain Primary treatment and Ecoflo® Coco filter and Disinfection filter (FDi)

Capacity

Number of bedrooms	Ecoflo® Filtre Coco models	Maximum hydraulic capacity Biofiltre Ecoflo® (l/d) TCH = 385 l/m ² -d	Unit type	Discharge mode	FDi minimal dimension (m) TCL = 200 l/m-d
1	2.8	1,080	Polyethylene and Contrete	Gravity and pumped	7 m x 5.4 m
2	2.8	1,080	Polyethylene and Contrete	Gravity and pumped	7 m x 5.4 m
3	3.4	1,260	Polyethylene and Contrete	Gravity and pumped	7 m x 6.3 m
4	3.8	1,440	Concrete	Gravity and pumped	7 m x 7.2 m
4	4.1	1,440	Polyethylene	Gravity and pumped	7 m x 7.2 m
5	5.2	1,800	Fiberglass	Infiltration	1 section of 7.0 m x 9.0 m or 2 sections of 7.0 m x 4.5 m
6	5.7	2,160	Polyethylene	Infiltration, Gravity and pumped	1 section of 7.0 m x 10.8 m or 2 sections of 7.0 m x 5.4 m
6	5.7	2,160	Concrete	Gravity and pumped	1 section of 7.0 m x 10.8 m or 2 sections of 7.0 m x 5.4 m
6	6.5	2,160	Polyethylene, Concrete and Fiberglass	Gravity, pumped and infiltration	1 section of 7.0 m x 10.8 m or 2 sections of 7.0 m x 5.4 m
	6.5	2,500	Polyethylene, Concrete and Fiberglass	Gravity, pumped and infiltration	1 section of 7.0 m x 12.5 m or 2 sections of 7.0 m x 6.3 m
	7.3	2,810	Polyethylene	Infiltration, Gravity and pumped	1 section of 7.0 m x 14.1 m or 2 sections of 7.0 m x 7.05 m
	8.4	3,240	Concrete	Gravity and pumped	1 section of 7.0 m x 16.2 m or 2 sections of 7.0 m x 8.1 m
	2 units 2.8	2,160	Polyethylene and Contrete	Gravity and pumped	7 m x 5.4 m by unit
	2 units 3.4	2,620	Polyethylene and Contrete	Gravity and pumped	7 m x 6.3 m by unit
	2 units 3.8	2,880	Concrete	Gravity and pumped	7 m x 7.2 m by unit
	2 units 4.1	3,160	Polyethylene	Gravity and pumped	7 m x 7.9 m by unit
	2 units 5.2	3,240	Fiberglass	Infiltration	7 m x 8.1 m by unit

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 8 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

Ecoflo® Filtre Coco model + Disinfection filter (FDi)

Nomenclature of models	<p>E = Ecoflo® C = Coco 2.8 to 8.4 = Area of Ecoflo® Coco filter model C = concrete unit P = polyethylene unit F = fiberglass PACK = combination of primary treatment to Ecoflo® Filtre Coco FDi = disinfection filter</p>
Discharge mode	<p>O = Open bottom (infiltration discharge) P = Watertight bottom (pumped discharge) G = Watertight discharge (gravity discharge)</p>
Certificate details	Class V
Treatment class	The tests specified in articles 8.1 and 8.2 were carried out with wastewater, at a minimum controlled temperature of 18 °C.
Influent wastewater temperatures	
Other	<p>The FDi is supplied by dosing.</p> <p>The specifications of the filter sand must meet the requirements described in the installation guides.</p> <p>This treatment chain includes a septic tank with flow controller or a pretreatment chamber as primary treatment.</p> <p>Multiple units, <u>operated in parallel</u>, must be fed by an appropriate device so as to ensure a uniform distribution of domestic wastewater to all treatment systems while maintaining the purifying performance of each unit.</p>

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 9 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

Ecoflo® Coco filter model + UV reactor

Treatment chain Primary treatment and Ecoflo® Filtre Coco and UV reactor

Capacity

Number of bedrooms	Ecoflo® Filtre Coco models	Maximum hydraulic capacity Biofiltre Ecoflo® (l/d) TCH = 385 l/m ² -d	Unit type	Discharge mode	Number of UV reactors
1	2.8	1,080	Polyethylene and Concrete	Gravity and pumped	1
2	2.8	1,080	Polyethylene and Concrete	Gravity and pumped	1
3	3.4	1,260	Polyethylene and Concrete	Gravity and pumped	1
4	3.8	1,440	Concrete	Gravity and pumped	1
4	4.1	1,440	Polyethylene	Gravity and pumped	1
6	5.7	2,160	Polyethylene	Gravity and pumped	1
6	5.7	2,160	Concrete	Gravity and pumped	1
6	6.5	2,160	Polyethylene and Concrete	Gravity and pumped	1
	6.5	2,500	Polyethylene, Concrete and ficerblasse	Gravity and pumped	1
	7.3	2,810	Polyethylene	Gravity and pumped	1
	8.4	3,240	Concrete	Gravity and pumped	1
	2 units 2.8	2,160	Polyethylene and Concrete	Gravity and pumped	1
	2 units 3.4	2,620	Polyethylene and Concrete	Gravity and pumped	1
	2 units 3.8	2,880	Concrete	Gravity and pumped	1
	2 units 4.1	3,160	Polyethylene	Gravity and pumped	1
	2 units 5.7	3,240	Polyethylene	Gravity and pumped	1

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 10 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment
Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

Ecoflo® Filtre Coco model + UV reactor

Nomenclature of models	<p>E = Ecoflo® C = Coco 2.8 to 8.4 = Area of Ecoflo® Coco filter model C = concrete unit P = polyethylene unit PACK = combination of primary treatment to Ecoflo® Coco filter DiUV = UV reactor</p>
Discharge mode	<p>P = Watertight bottom (pumped discharge) G = Watertight bottom (gravity discharge)</p>
Certificate details	Class V
Treatment class	The tests specified in articles 8.1 and 8.2 were carried out with wastewater, at a minimum controlled temperature of 18 °C.
Influent wastewater temperatures	
Other	This treatment chain includes a septic tank with flow controller or a pretreatment chamber as primary treatment.
Authorized UV reactor	<p>The E4 lamp model, manufactured by VIQUA, a subsidiary of TROJAN TECHNOLOGIES, is authorized at a maximum flow rate of 5.8 l/min, for residences of 1 to 6 bedrooms, corresponding to a maximum daily flow rate of 2,160 l/d, and for other buildings up to a maximum daily flow rate of 3,240 l/d.</p> <p>The Hallett 13 model of UV PURE is allowed at a maximum instantaneous flow rate of 25 l/min, for residences of 2 to 6 bedrooms, corresponding to a maximum daily flow rate of 2,160 l/d, and for other buildings up to a maximum daily flow of 3,240 l/d.</p> <p>The VP600 lamp model, manufactured by VIQUA, a subsidiary of TROJAN TECHNOLOGIES, is authorized at a maximum flow rate of 9.7 l/min, for residences of 1 to 6 bedrooms, corresponding to a maximum daily flow rate of 2,160 l/d, and for other buildings up to a maximum daily flow rate of 3,240 l/d.</p>

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 11 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment
Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

Designation of models, class III:

ST-500, STB-500B, STB-500BA, STB-500BR, STB-500BRA
ST-570P, STB-570P, STB-570PR
STB-650P, STB-650PR, ST-650P, ST-650, STB-650B, STB-650BA, STB-650BR, STB-650BRA
STB-730P, STB-730PR, ST-730P, STB-840B, STB-840BR
EC 2.8-P-G-FAS, EC 2.8-P-P-FAS, EC 2.8-P-P-PACK-FAS, EC 2.8-C-G-FAS, EC 2.8-C-P -FAS, EC 3.4-P-G-FAS,
EC 3.4-P-P-FAS, EC 3.4-P-P-PACK-FAS, EC 3.4-C-G-FAS, EC 3.4-C-P -FAS, EC 3.8-C-G-FAS, EC 3.8-C-P -FAS,
EC 4.1-P-G-FAS, EC 4.1-P-P-FAS, EC 4.1-P-P-PACK-FAS, EC 5.2-F-O-FAS,
EC 5.7-P-G-FAS, EC 5.7-P-P-FAS, EC 5.7-P-O-FAS, EC 5.7-C-G-FAS, EC 5.7-C-P-FAS, EC 6.5-P-G-FAS, EC 6.5-P-P-
FAS, EC 6.5-P-O-FAS, EC 6.5-C-G-FAS, EC 6.5-C-P-FAS, EC 6.5-F-O-FAS, EC 7.3-P-G-FAS, EC 7.3-P-P-FAS, EC 7.3-
P-O-FAS, EC 8.4-C-G-FAS, EC 8.4-C-P-FAS.

Designation of models, class V (with UV reactor):

EC 2.8-P-G-DiUV, EC 2.8-P-P- DiUV, EC 2.8-P-P-PACK- DiUV, EC 2.8-C-G- DiUV, EC 2.8-C-P- DiUV, EC 3.4-P-G- DiUV,
EC 3.4-P-P- DiUV, EC 3.4-P-P-PACK- DiUV, EC 3.4-C-G- DiUV, EC 3.4-C-P- DiUV, EC 3.8-C-G- DiUV, EC 3.8-C-P- DiUV,
EC 4.1-P-G- DiUV, EC 4.1-P-P- DiUV, EC 4.1-P-P-PACK- DiUV,, EC 5.7-P-G- DiUV, EC 5.7-P-P- DiUV, EC 5.7-C-G-
DiUV, EC 5.7-C-P- DiUV, EC 6.5-P-G- DiUV, EC 6.5-P-P- DiUV, EC 6.5-C-G- DiUV, EC 6.5-C-P- DiUV, EC 7.3-P-G-DiUV,
EC 7.3-P-P- DiUV, EC 8.4-C-G-DiUV, EC 8.4-C-P-DiUV

Designation of models, class V (with disinfection filter):

ST-500-FDi, STB-500B-FDi, STB-500BR-FDi, STB-500BRA-FDi
ST-570P-FDi, STB-570P-FDi, STB-570PR-FDi
STB-650P-FDi, STB-650PR-FDi, ST-650P-FDi, ST-650-FDi, STB-650B-FDi, STB-650BR-FDi, STB-650BRA-FDi
STB-730P-FDi, STB-730PR-FDi, ST-730P-FDi, STB-840B-FDi, STB-840BR-FDi
EC 2.8-P-G-FDI, EC 2.8-P-P-FDI, EC 2.8-P-P-PACK-FDI, EC 2.8-C-G-FDI, EC 2.8-C-P-FDI, EC 3.4-P-G-FDI,
EC 3.4-P-P-FDI, EC 3.4-P-P-PACK-FDI, EC 3.4-C-G-FDI, EC 3.4-C-P-FDI, EC 3.8-C-G-FDI, EC 3.8-C-P-FDI,
EC 4.1-P-G-FDI, EC 4.1-P-P-FDI, EC 4.1-P-P-PACK-FDI, EC 5.0-C-G-FDI, EC 5.0-C-P-FDI, EC 5.2-F-O-FDI,
EC 5.7-P-G-FDI, EC 5.7-P-P-FDI, EC 5.7-P-O-FDI, EC 5.7-C-G-FDI, EC 5.7-C-P-FDI, EC 6.5-P-G-FDI, EC 6.5-P-P-FDI,
EC 6.5-P-O-FDI, EC 6.5-C-G-FDI, EC 6.5-C-P-FDI, EC 6.5-F-O-FDI, EC 7.3-P-G-FDI, EC 7.3-P-P-FDI, EC 7.3-P-O-FDI,
EC 8.4-C-G-FDI, EC 8.4-C-P-FDI.



Bureau de normalisation
du Québec

BNQ is a member of the National
Standards System (NSS).

ANNEX TO THE CERTIFICATE

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 12 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment
Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

Designation of models, class IV:

DpEC-090P-ST-500, DpEC-090P-STB-500B, DpEC-090P-STB-500BA, DpEC-090P-STB-500BR, DpEC-090P-STB-500BRA
DpEC-090P-ST-570P, DpEC-090P-STB-570P, DpEC-090P-STB-570PR
DpEC-090P-ST-650, DpEC-090P-ST-650P, DpEC-090P-STB-650B, DpEC-090P-STB-650BA, DpEC-090P-STB-650BR,
DpEC-090P-STB-650BRA,
DpEC-090P-STB-650P, DpEC-090P-STB-650PR, DpEC-090P-STB-840BR

DpEC-090B-ST-500, DpEC-090B-STB-500B, DpEC-090B-STB-500BA, DpEC-090B-STB-500BR, DpEC-090B-STB-500BRA
DpEC-090B-ST-570P, DpEC-090B-STB-570P, DpEC-090B-STB-570PR
DpEC-090B-ST-650, DpEC-090B-ST-650P, DpEC-090B-STB-650B, DpEC-090B-STB-650BA, DpEC-090B-STB-650BR,
DpEC-090B-STB-650BRA,
DpEC-090B-STB-650P, DpEC-090B-STB-650PR, DpEC-090B-STB-840BR

Designation of models, classes IV and V :

DpEC-090P-FAS.
DpEC-090B-FAS.

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 13 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment
Systems for Isolated Dwellings*

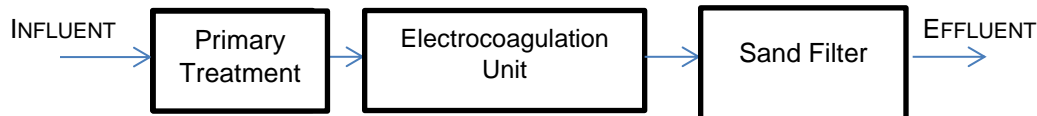
Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

Flow diagram of systems

FDi + Ecoflo® Biofilter Model



DpEC + Sand Filter Model



PREMIER TECH WATER AND ENVIRONMENT LTD

Page 14 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment
Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

Ecoflo® Coco Filter FAS



Ecoflo® Coco Filter FDi



Ecoflo® Coco Filter UV



PREMIER TECH WATER AND ENVIRONMENT LTD

Page 15 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment
Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

**Stand-alone wastewater treatment systems
List of recognized manufacturers and assemblers for systems**

Fiberglass units manufacturer

LES FIBRES DE VERRE RIOUX INC.
10, rang 4 Ouest
Sainte-Françoise, Québec G0L 3B0

Concrete units manufacturers and systems assemblers

Bétons Architecturaux Breton (B.A.B.) Inc, 570 2e Av, St- Romuald, Qc, G6W 5M6	ENTREPRISES CHARTIER (2009) INC. 321, chemin du Village St-Pierre Nord Village St-Pierre, Québec J6E 0H4	INDUSTRIES DE CIMENT LA GUADELOUPE INC. 238, 14 ^e Avenue La Guadeloupe, Québec G0M 1G0
BÉTON ULTRAMIX INC. 8, rue d'Amours Eastman, Québec J0E 1P0	G. L'ÉCUYER TRANSPORT INC. 317, St-François-Xavier Delson, Québec J0L 1G0	MATÉRIAUX ÉCONOMIQUES INC. 2900, rue Jules Vachon Trois-Rivières, Québec G9A 5E1

CIMENT LACASSE LTÉE
48, montée Laramée
Ste-Anne-des-Plaines, Québec
J0N 1H0

Filter medium manufacturer

PREMIER TECH HORTICULTURE
1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1
PREMIER TECH LANKA/TRIPICOIR
90 A, Pagoda Road
Pitakotte, SRI LANKA

Central support, sampling device and polyethylene units manufacturer

PREMIER TECH TECHNOLOGIES LTÉE
595, rue Frenette
Joliette, Québec J6E 9E2

Distribution plates and rockers manufacturer

PLASTIQUES GPR
5200, chemin St-Gabriel
Saint-Félix-de-Valois, Québec J0K 2M0

Sand filter manufacturer

PREMIER TECH TECHNOLOGIES LTÉE
595, rue Frenette
Joliette, Québec J6E 9E2

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 16 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

HISTORIQUE	
Date	Description de la modification
2005-12-09	Certification of Ecoflo system, models ST-500, ST-650, STB-500, STB-650, STB-650B and STB-650BR, class III, and models STB-500-DiUV, STB-650-DiUV, STB-650B-DiUV and STB-650BR-DiUV, class V with DiUV lamp.
2008-05-06	Certification of FDi 10 meters system, models ST-500-FDi, STB-500-FDi, ST-650-FDi, STB-650-FDi, STB-650B-FDi and STB-650BR-FDi, class V with disinfection filter.
2008-07-23	Certification of FDi 7 meters system, models ST-500-FDi, STB-500-FDi, ST-650-FDi, STB-650-FDi, STB-650B-FDi and STB-650BR-FDi, class V with disinfection filter.
2009-02-13	Addition of STB-500BR, STB-500B, STB-500B-FDi, STB-500BR-DiUV and STB-500BR-FDi models.
2010-09-17	Addition of UV Hallett 13 lamp from UV Pure Technologies inc.
2010-09-30	Addition of ST-570P, STB-570P, STB-570PR, ST-570P-FDi, STB-570P-FDi, STB-570PR-FDi, STB-570P-DiUV and STB-570PR-DiUV models.
2011-05-13	Addition of STB-500BA, STB-500BRA, STB-650BA, STB-650BRA, STB-500BRA-DiUV, STB-650BRA-DiUV, STB-500BRA-FDi and STB-650BRA-FDi models.
2011-10-14	Addition of STB-730P, STB-730PR, ST-730P, STB-650P, STB-650PR, ST-650P, STB-730P-DiUV, STB-730PR-DiUV, STB-650P-DiUV, STB-650PR-DiUV, STB-730P-FDi, STB-730PR-FDi, ST-730P-FDi, STB-650P-FDi, STB-650PR-FDi and ST-650P-FDi models.
2012-02-15	Addition of UV lamp model DiUV C25 (Cactus X-8) from UV Pure Technologies.
2012-11-01	Certification of DpEC + Ecoflo® Biofilter (class IV) and DpEC + Ecoflo® Biofilter + UV lamp (classes IV and V) systems.
2014-07-16	Certification of DpEC+FAS (classes IV and V) systems.
2015-03-19	Modification of the capacity of the DpEC+FAS (classes IV and V): 2,160 liters/day or 6 bedrooms or less.
2015-12-01	Renewal of certificate and removal of sketches from the scope of the certificate.
2017-01-16	Update of the certificate annex. Removal of IWG-1-LV-WW3 lamp from VIOLETTA INDUSTRIES. Addition of UV lamp, model E4, manufactured by Viqua, a subsidiary of Trojan Technologies and certification of Ecoflo® Coco Filter FAS (class III).
2017-07-24	Update of the certificate annex. Addition of multiple units for the Ecoflo Coco filter FAS model.
2017-09-05	Update, corrections to the certificate annex and clarification concerning the primary treatment.
2017-10-25	Certification of Ecoflo® Coco filter FDi (class V) and Ecoflo® Coco filter UV (class V) systems.

THE ANNEX IS AN INTEGRAL PART OF THE CERTIFICATE.

PREMIER TECH WATER AND ENVIRONMENT LTD

Page 17 of 17

1, avenue Premier
Rivière-du-Loup, Québec G5R 6C1

NQ 3680-910/2000-06-16 M1 (2004-09-10) *Wastewater Treatment - Stand-Alone Wastewater Treatment Systems for Isolated Dwellings*

Certificate number: **791**
Issue date: **2023-12-21**
Expiry date: **2025-12-31**

HISTORIQUE	
Date	Description de la modification
2017-12-15	Renewal of certificate and correction of the section « other » in pages 10 and 12.
2018-03-16	Addition of UV lamp, model Hallett 13, from UV Pure Technologies for the treatment chain Ecoflo® Coco Filter UV (class V).
2019-05-27	Addition of Ecoflo® Biofilter and disinfection filter (FDi) 7.2 m x 7.0 m for 4 bedrooms.
2019-12-02	Renewal of certificate.
2019-12-05	Addition of UV lamp, model VP600, manufactured by Viqua, a subsidiary of Trojan Technologies for the treatment chain Ecoflo® Coco Filter UV (class V).
2019-12-19	Addition of UV lamp, model VP600, manufactured by Viqua, a subsidiary of Trojan Technologies for the treatment chains DpEC+Ecoflo® Biofilter + UV lamp and Ecoflo® + UV reactor (class V).
2020-11-24	Modification of the business name.
2021-02-12	Addition of STB-840B, STB-840BR, STB-840B-DiUV, STB-840BR-DiUV, STB-840B-FDi, STB-840BR-FDi, EC 8.4-C-G-FAS, EC 8.4-C-P-FAS, EC 8.4-C-G-DiUV, EC 8.4-C-P-DiUV, EC 8.4-C-G-FDi and EC 8.4-C-P-FDi models.
2021-05-18	Addition of DpEC-090B models (concrete unit).
2021-09-01	Addition of assemblers 9435-0139 Qc Inc. and Entreprises Chartier (2009) Inc.
2021-12-22	Renewal of certificate.
2022-04-13	Modification of the business name. Addition of Ecoflo® coco 5.7 models (concrete unit) with FAS, FDi and DiUV for 6 bedrooms and withdrawn of Boisclair et Fils inc assembler.
2022-11-16	Withdrawn of DpEC + Ecoflo® Biofilter + UV Reactor model
2023-05-16	Withdrawn of EC-5.0 model for Ecoflo® coco biofilter with FAS, Ecoflo® coco biofilter with DiUV and Ecoflo® coco biofilter with FDi. Withdrawn of all models of Ecoflo® Biofilter with DiUV. Withdrawn of assembler 9435-0139 Qc Inc and addition of assembler Bétons Architecturaux Breton (B.A.B.) Inc.
2023-12-21	Renewal of certificate.