

Heat Exchanger Installation Notes

- This guide is provided for reference only. Please consult the appropriate service manual for your engine to find the best plumbing and routing information.
- Heat exchangers are a heavy component when they are empty. Once they are filled with water and engine coolant they are even heavier. All heat exchanger mounts should be designed to support this weight.
- Heat exchangers perform best when placed in a horizontal position.
- Heat exchangers perform best with hot and cold fluids flowing in opposing directions.
- Heat exchangers must be drained as part of your boat winterization procedures. Position your heat exchanger, fittings, end caps, and drain points with this in mind.
- Use PTFE tape (not provided) to seal all fitting threads

TITLE:

Seadoo Closed Loop Cooling

SIZE

B

DWG. NO.

Plumbing Guide

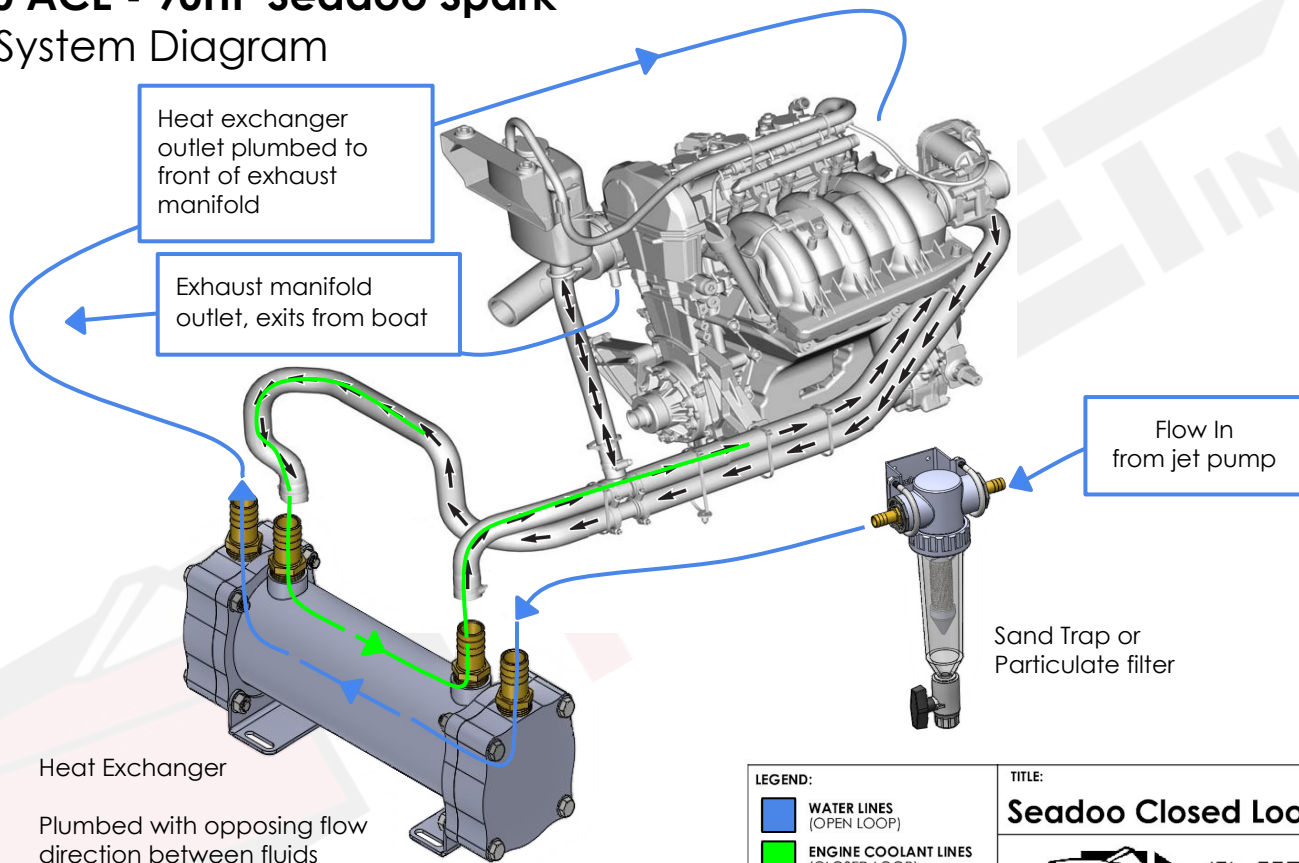
REV

C

CONTACT EMAIL: SALES@MINIJET.CA PHONE #: +1-613-605-2628

Rotax 900 ACE - 90HP Seadoo Spark

Coolant System Diagram



LEGEND:

- WATER LINES (OPEN LOOP)
- ENGINE COOLANT LINES (CLOSED LOOP)

THIS GUIDE IS PROVIDED FOR
REFERENCE ONLY. PLEASE
CONSULT YOUR SERVICE
MANUAL FOR DETAILED
PLUMBING INSTRUCTIONS

TITLE:

Seadoo Closed Loop Cooling



SIZE

B

DWG. NO.

Plumbing Guide

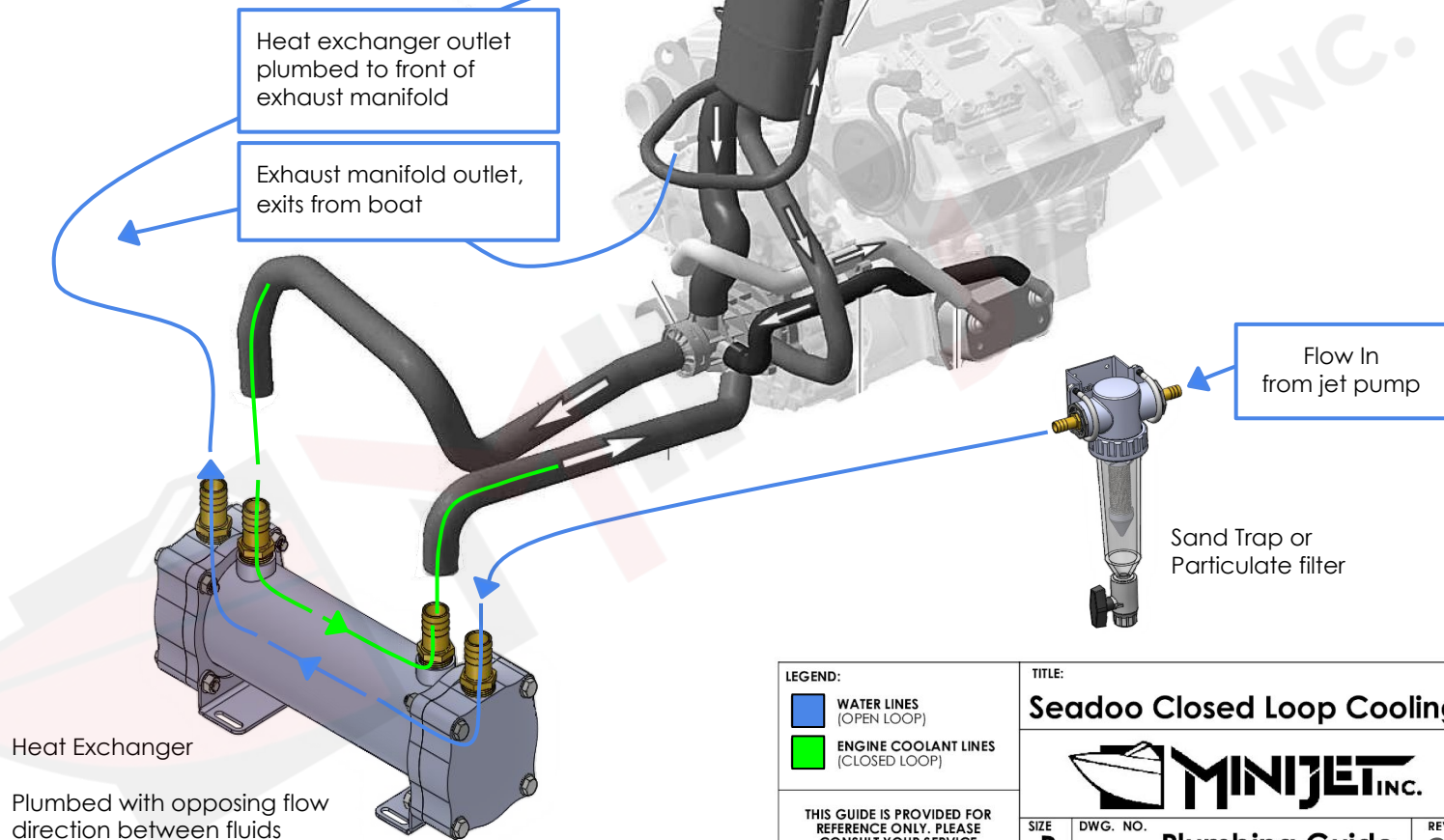
REV

C

CONTACT EMAIL: SALES@MINIJET.CA PHONE #: +1-613-605-2628

Rotax 1503 - 130/155/170HP

Coolant System Diagram



LEGEND:

- WATER LINES
(OPEN LOOP)
- ENGINE COOLANT LINES
(CLOSED LOOP)

THIS GUIDE IS PROVIDED FOR
REFERENCE ONLY. PLEASE
CONSULT YOUR SERVICE
MANUAL FOR DETAILED
PLUMBING INSTRUCTIONS

TITLE:

Seadoo Closed Loop Cooling



SIZE

B

DWG. NO.

Plumbing Guide

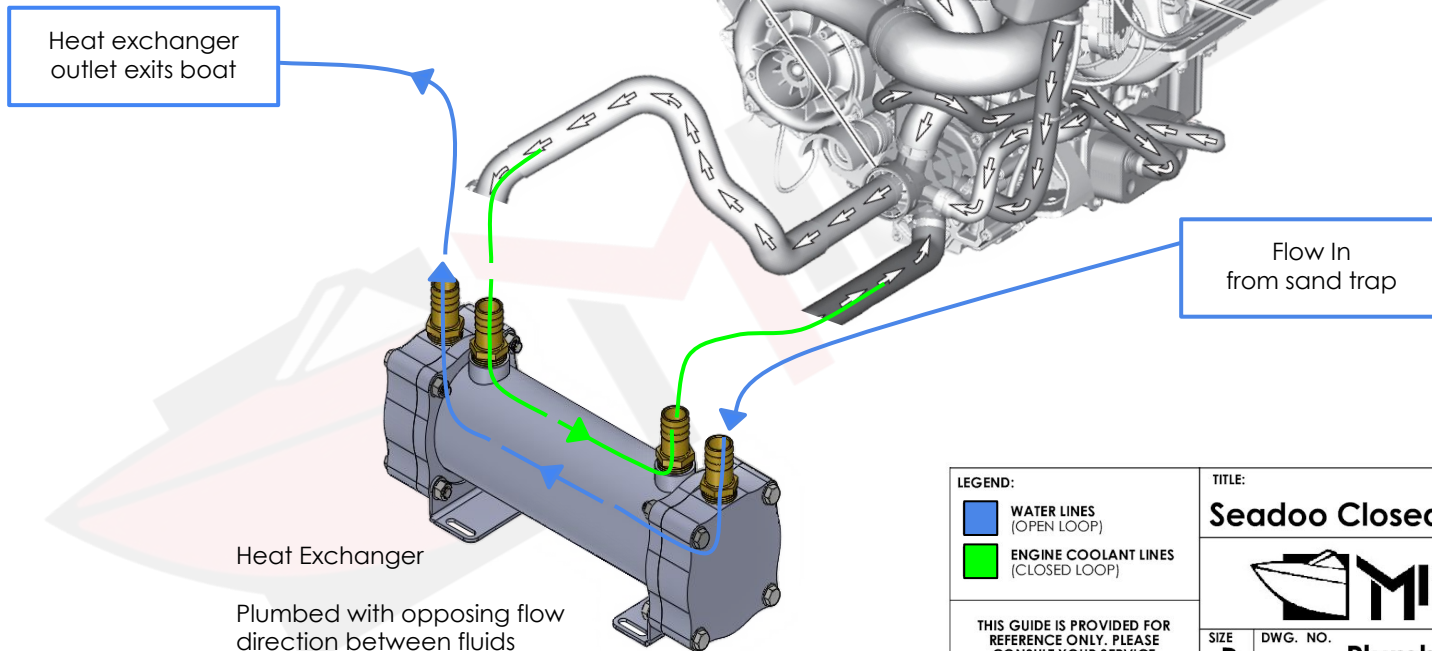
REV

C

CONTACT EMAIL: SALES@MINIJET.CA PHONE #: +1-613-605-2628

Rotax 1503 - 215HP Models

Closed Loop Coolant Side



LEGEND:

■ WATER LINES (OPEN LOOP)

■ ENGINE COOLANT LINES (CLOSED LOOP)

THIS GUIDE IS PROVIDED FOR REFERENCE ONLY. PLEASE CONSULT YOUR SERVICE MANUAL FOR DETAILED PLUMBING INSTRUCTIONS

TITLE:

Seadoo Closed Loop Cooling



SIZE

B

DWG. NO.

Plumbing Guide

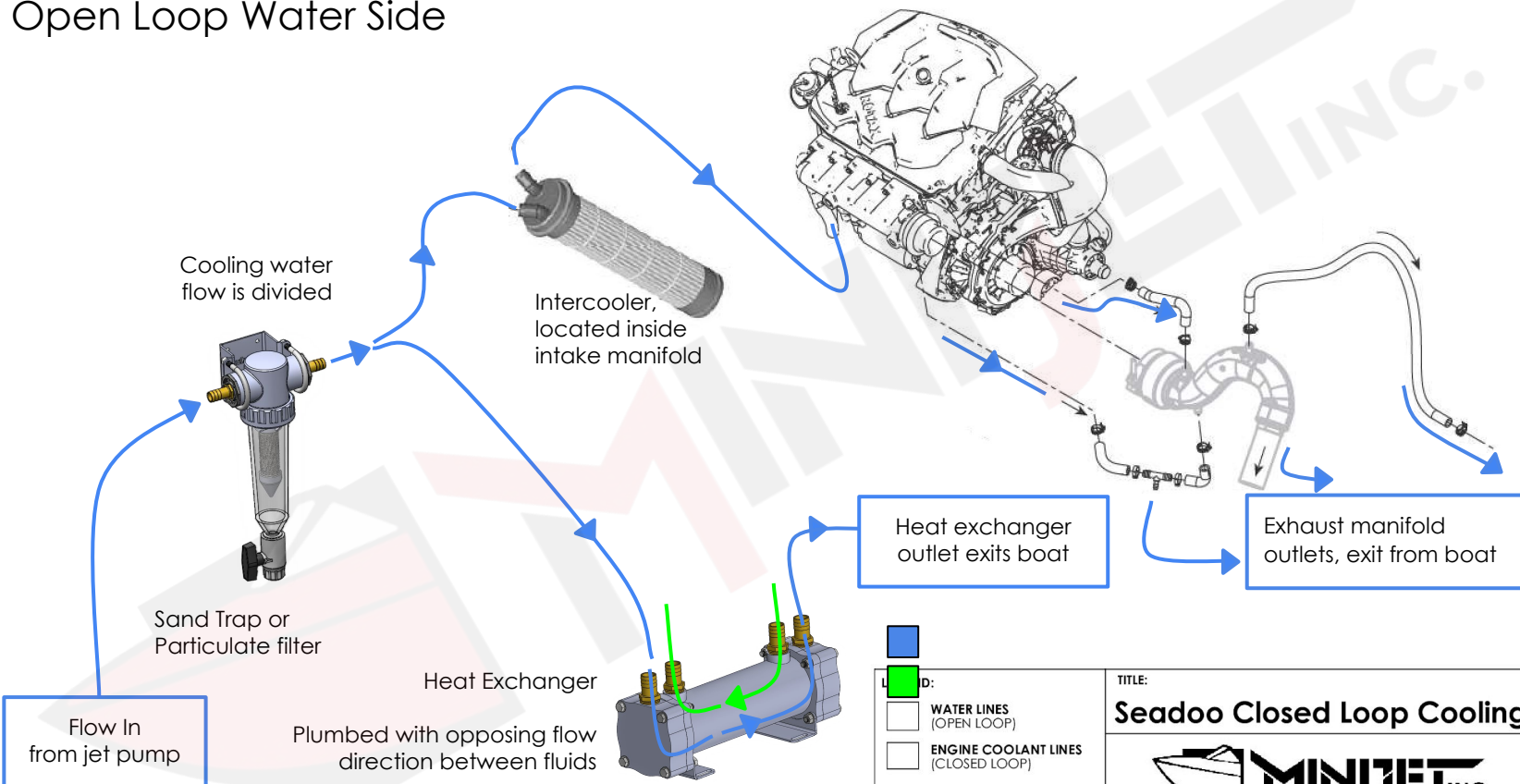
REV

C

CONTACT EMAIL: SALES@MINIJET.CA PHONE #: +1-613-605-2628

Rotax 1503 - 215HP Models

Open Loop Water Side



THIS GUIDE IS PROVIDED FOR
REFERENCE ONLY. PLEASE
CONSULT YOUR SERVICE
MANUAL FOR DETAILED
PLUMBING INSTRUCTIONS

TITLE:

Seadoo Closed Loop Cooling



SIZE

B

DWG. NO.

Plumbing Guide

REV

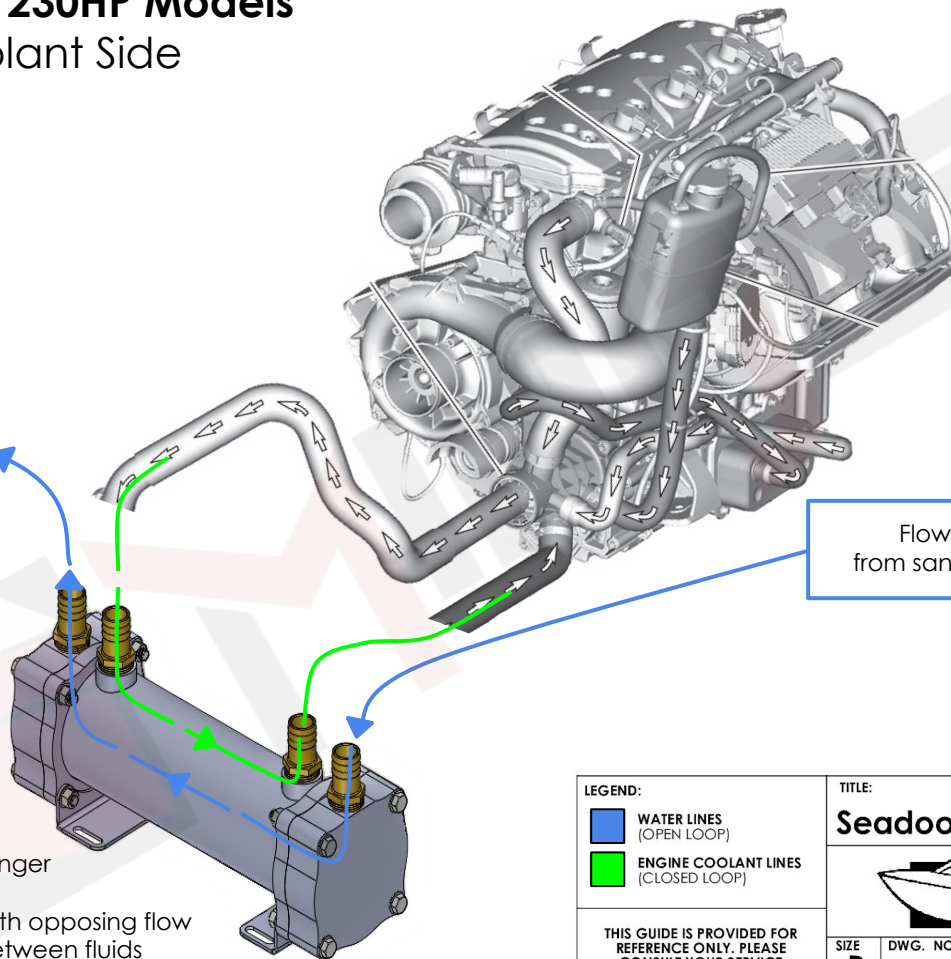
C

CONTACT EMAIL: SALES@MINIJET.CA PHONE #: +1-613-605-2628

Rotax 1630 ACE - 230HP Models

Closed Loop Coolant Side

Heat exchanger
outlet exits boat



LEGEND:

- WATER LINES
(OPEN LOOP)
- ENGINE COOLANT LINES
(CLOSED LOOP)

THIS GUIDE IS PROVIDED FOR
REFERENCE ONLY. PLEASE
CONSULT YOUR SERVICE
MANUAL FOR DETAILED
PLUMBING INSTRUCTIONS

TITLE:

Seadoo Closed Loop Cooling



SIZE

B

DWG. NO.

Plumbing Guide

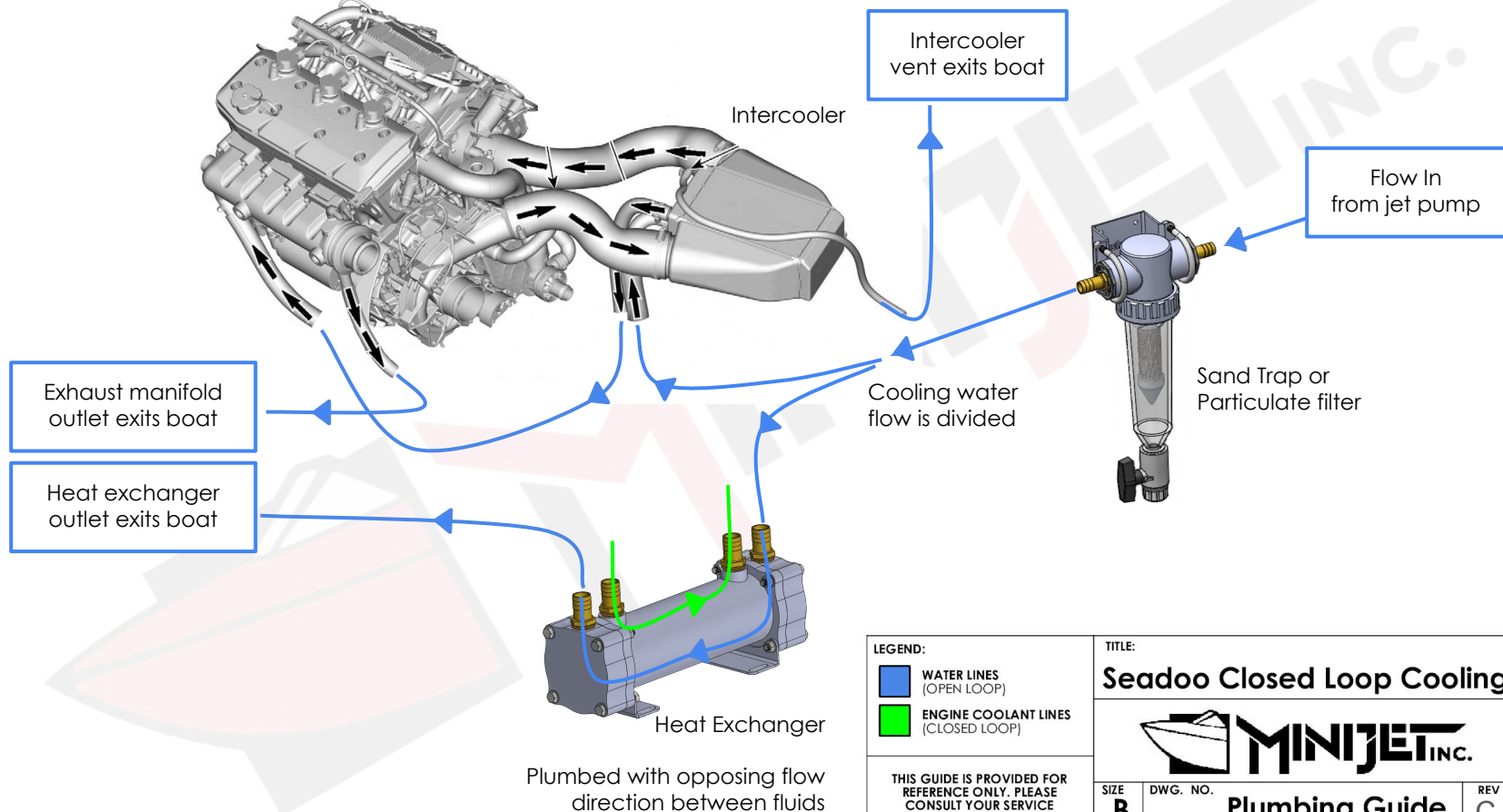
REV

C

CONTACT EMAIL: SALES@MINIJET.CA PHONE #: +1-613-605-2628

Rotax 1630 ACE - 230HP Models

Open Loop Water Side



LEGEND:

■ WATER LINES (OPEN LOOP)

■ ENGINE COOLANT LINES (CLOSED LOOP)

THIS GUIDE IS PROVIDED FOR REFERENCE ONLY. PLEASE CONSULT YOUR SERVICE MANUAL FOR DETAILED PLUMBING INSTRUCTIONS

TITLE:

Seadoo Closed Loop Cooling



SIZE

B

DWG. NO.

Plumbing Guide

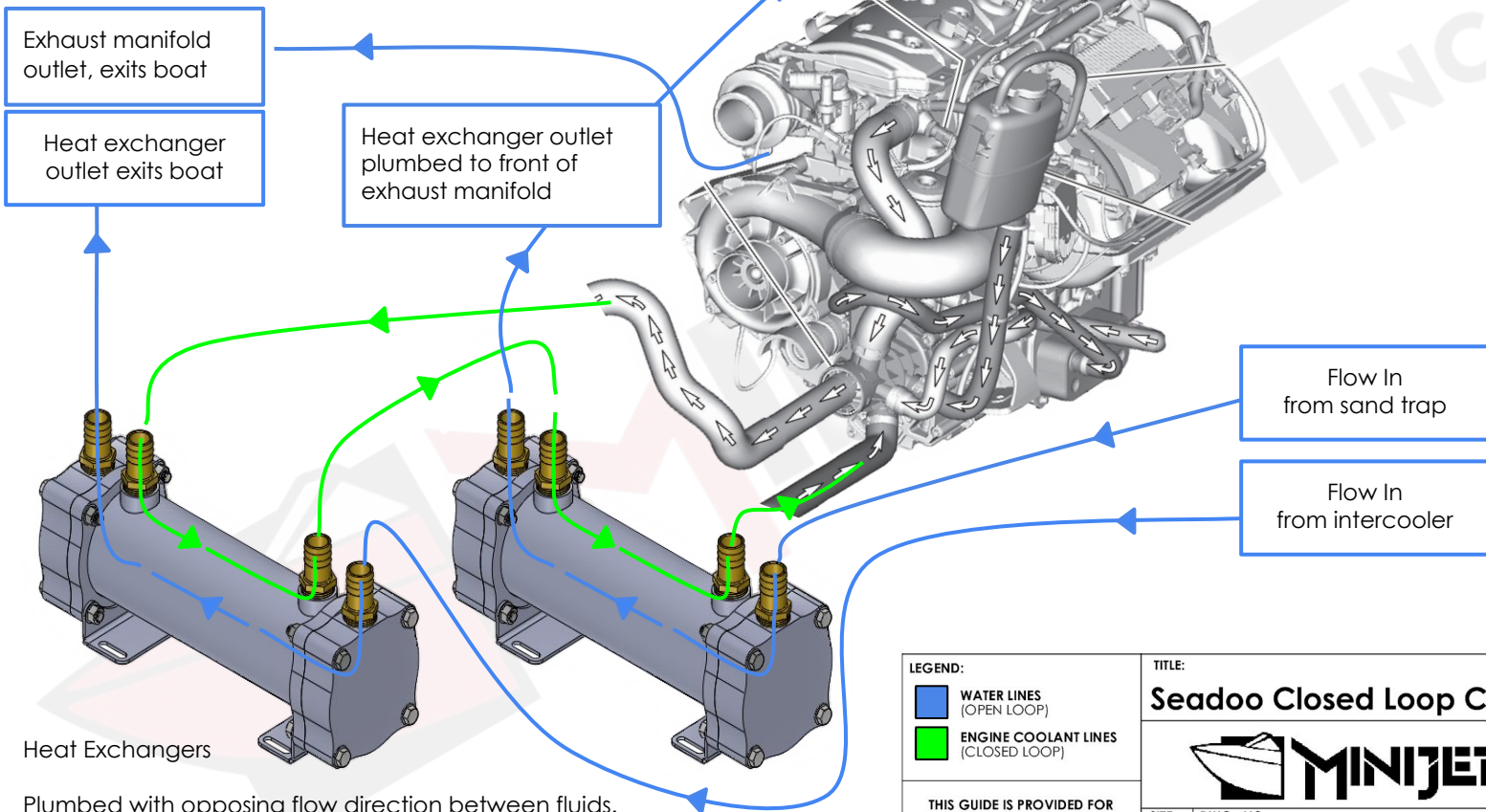
REV

C

CONTACT EMAIL: SALES@MINIJET.CA **PHONE #:** +1-613-605-2628

Rotax 1503 - 255HP Models

Closed Loop Coolant Side



Heat Exchangers

Plumbed with opposing flow direction between fluids.
Coolant routed in series, cooling water routed in parallel.

LEGEND:

- WATER LINES (OPEN LOOP)
- ENGINE COOLANT LINES (CLOSED LOOP)

THIS GUIDE IS PROVIDED FOR
REFERENCE ONLY. PLEASE
CONSULT YOUR SERVICE
MANUAL FOR DETAILED
PLUMBING INSTRUCTIONS

TITLE:

Seadoo Closed Loop Cooling



SIZE

B

DWG. NO.

Plumbing Guide

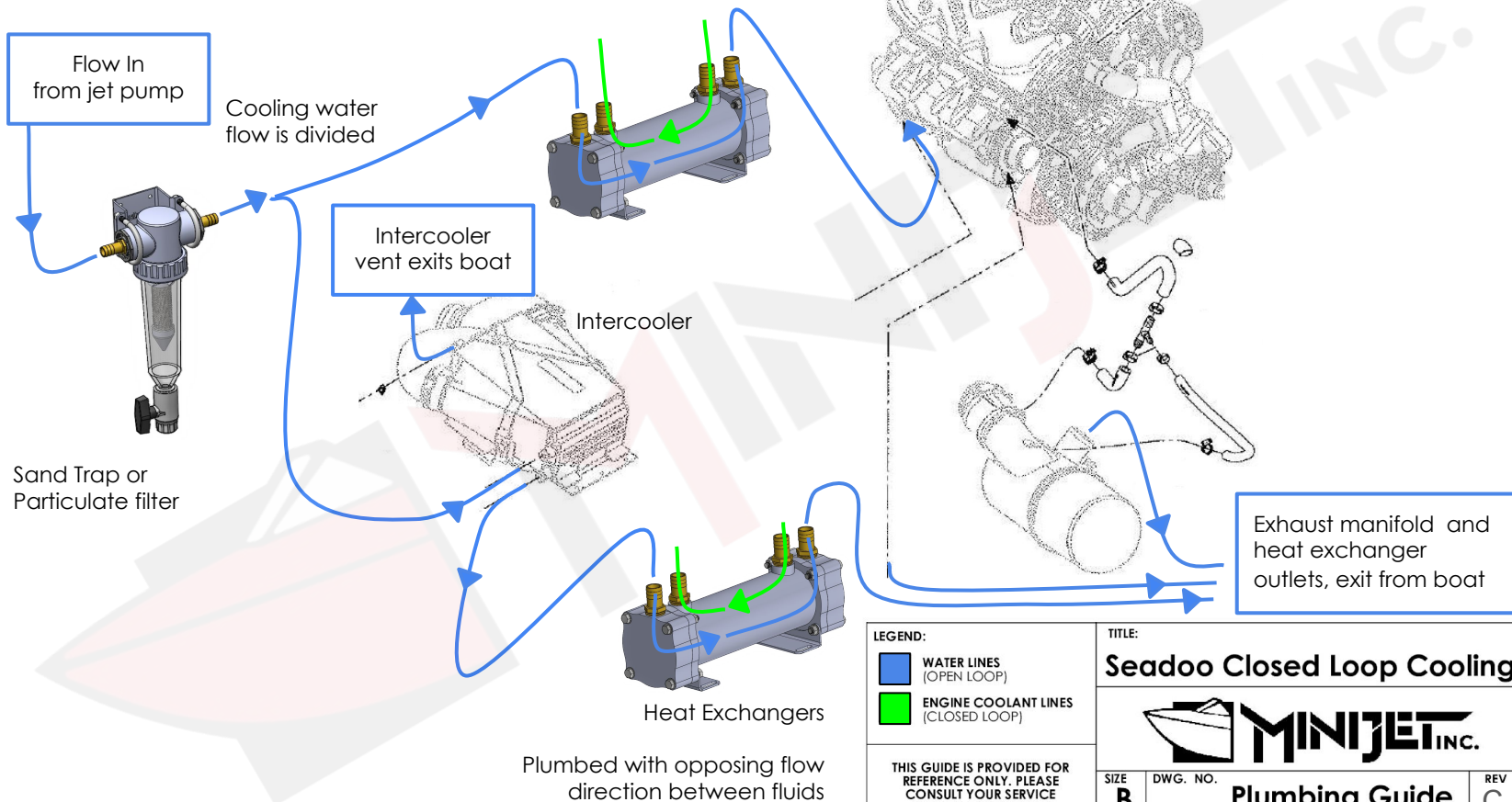
REV

C

CONTACT EMAIL: SALES@MINIJET.CA PHONE #: +1-613-605-2628

Rotax 1503 - 255HP Models

Open Loop Water Side



TITLE:
Seadoo Closed Loop Cooling

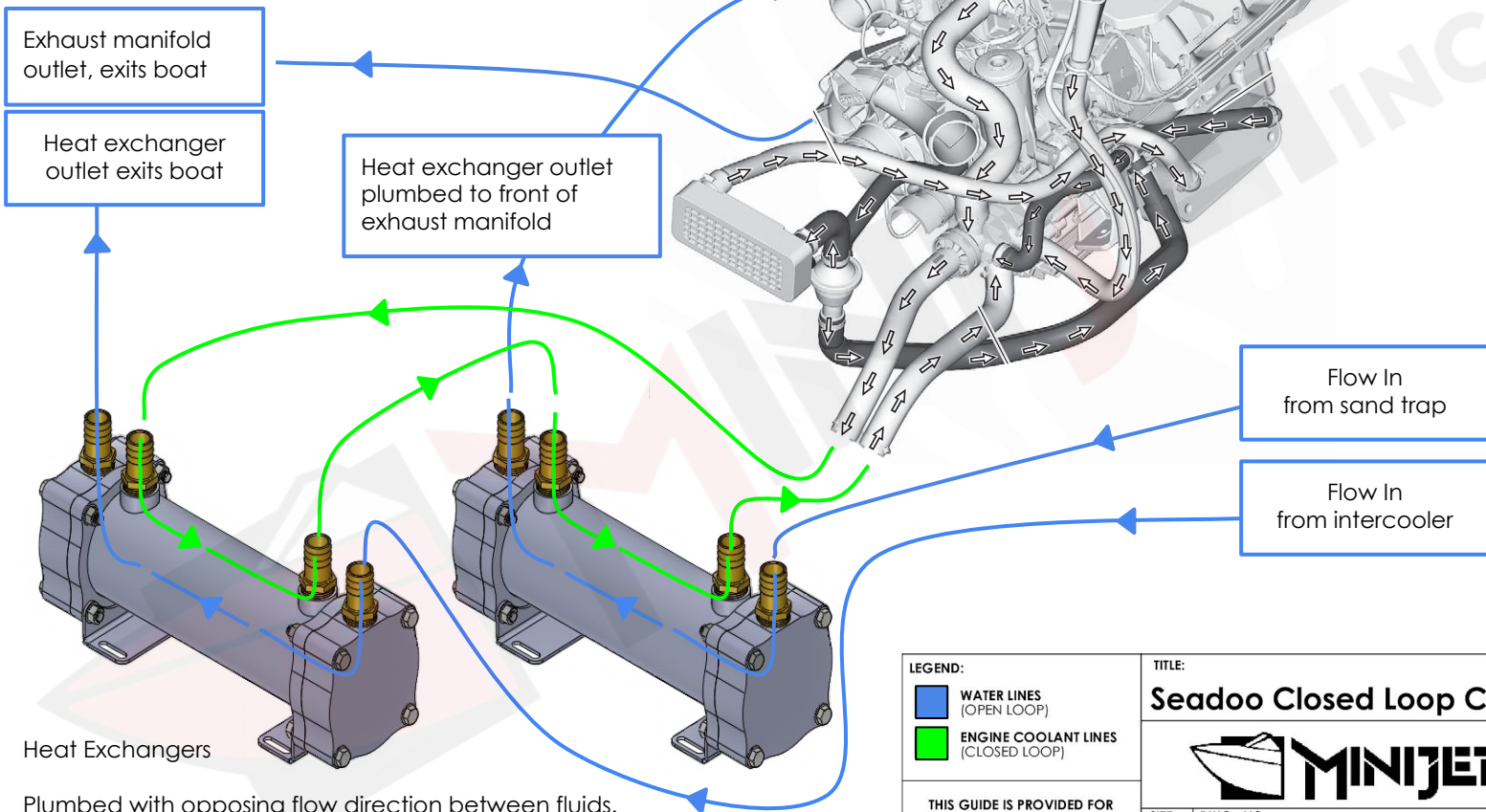


SIZE B **DWG. NO.** **Plumbing Guide** **REV C**

CONTACT EMAIL: SALES@MINIJET.CA **PHONE #:** +1-613-605-2628

Rotax 1630 ACE - 2016/2017 300HP Models

Closed Loop Coolant Side



LEGEND:

■ WATER LINES
(OPEN LOOP)

■ ENGINE COOLANT LINES
(CLOSED LOOP)

THIS GUIDE IS PROVIDED FOR
REFERENCE ONLY. PLEASE
CONSULT YOUR SERVICE
MANUAL FOR DETAILED
PLUMBING INSTRUCTIONS

TITLE:

Seadoo Closed Loop Cooling



SIZE

B

DWG. NO.

Plumbing Guide

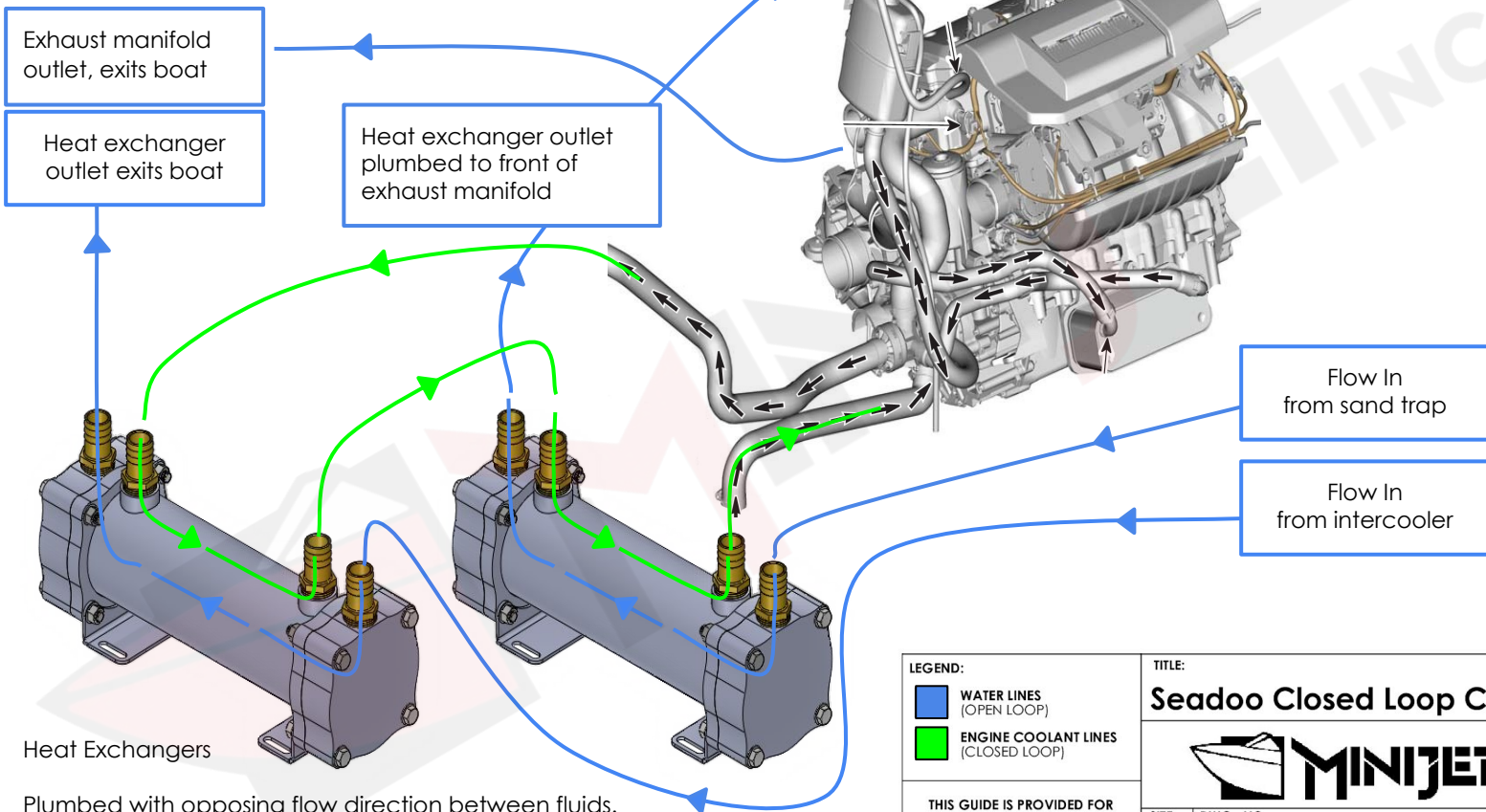
REV

C

CONTACT EMAIL: SALES@MINIJET.CA PHONE #: +1-613-605-2628

Rotax 1630 ACE - 2018 & Newer 300HP Models

Closed Loop Coolant Side



LEGEND:

■ WATER LINES
(OPEN LOOP)

■ ENGINE COOLANT LINES
(CLOSED LOOP)

THIS GUIDE IS PROVIDED FOR
REFERENCE ONLY. PLEASE
CONSULT YOUR SERVICE
MANUAL FOR DETAILED
PLUMBING INSTRUCTIONS

TITLE:

Seadoo Closed Loop Cooling



SIZE

B

DWG. NO.

Plumbing Guide

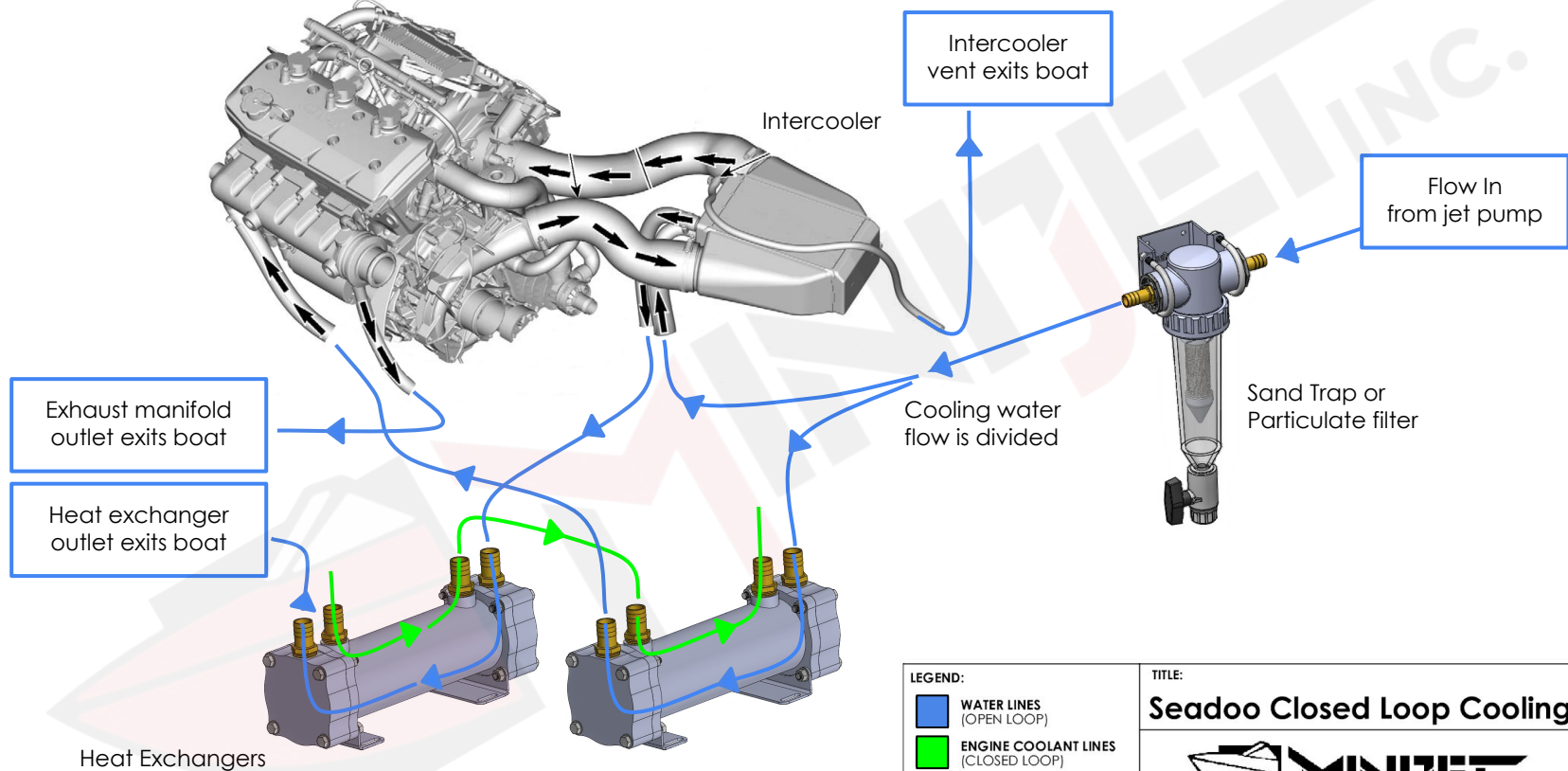
REV

C

CONTACT EMAIL: SALES@MINIJET.CA PHONE #: +1-613-605-2628

Rotax 1630 ACE - 300HP Models

Open Loop Water Side



Plumbed with opposing flow direction between fluids.
Coolant routed in series, cooling water routed in parallel.

LEGEND:

- WATER LINES (OPEN LOOP)
- ENGINE COOLANT LINES (CLOSED LOOP)

THIS GUIDE IS PROVIDED FOR
REFERENCE ONLY. PLEASE
CONSULT YOUR SERVICE
MANUAL FOR DETAILED
PLUMBING INSTRUCTIONS

TITLE:

Seadoo Closed Loop Cooling



SIZE

B

DWG. NO.

Plumbing Guide

REV

C

CONTACT EMAIL: SALES@MINIJET.CA PHONE #: +1-613-605-2628