

**SHOP
DRAWING
REVIEW**

X

NOT REVIEWED
REVIEWED
REVIEWED AS NOTED
REVISE AND RESUBMIT

This review by Hilditch Architect Inc. is for the sole purpose of ascertaining conformance with the general design concept features only, and does not in any way constitute review of the design of engineering elements which form part of the Contract Documents prepared by others. This review shall not mean that Hilditch Architect Inc. approves the design detail inherent in the shop drawings, responsibility for which shall remain with the Contractor submitting same, and such review shall not relieve the Contractor of his responsibility for errors or omissions in the shop drawings or of his responsibility for meeting all requirements of the Contract Documents. The Contractor is responsible for dimensions to be confirmed and correlated at the job site, for information that pertains solely to fabrication processes or to techniques of construction and installation and for co-ordination of the work of all trades.

Hilditch Architect Inc.

By: Sasha Stairs

Project No: 1809

Date Rec'd:

Date Rev'd: 2025.05.12

GC/CM: 2025.05.09

Consultant: 2025.05.12

Submittal No. 69

Glycol Fill Tank - Shop


Drawing

Project Name:
Neshama Hospice

Owner:
Neshama

Prime Consultant:
Hilditch Architect Inc

General Contractor: Renokrew

SHOP DRAWING <hr/> SUBMITTAL REVIEW	JOB NAME	Neshama Hospice
	JOB #	24-130
	DATE	May 09, 2025
REVIEWED <input type="checkbox"/>	<p>This review is for general conformance of plans and specifications only. Approvals are subject to subcontractors performance within the confines of the contract documents. Review of dimensions will not serve to relieve the subcontractor of contractual responsibility for any deviation from the contract requirements.</p> <div>RENOKREW TORONTO OTTAWA</div>	
REJECTED <input type="checkbox"/>		
REVIEW & RESUBMIT <input type="checkbox"/>		
REVIEW AS NOTED <input type="checkbox"/>		
	SPECIFICATION 23 08 10	
	<input checked="" type="checkbox"/> SHOP DRAWING	CHECKED BY: <input type="text"/>
	<input type="checkbox"/> PRODUCT DATA	REVIEWED BY: <input type="text"/>
	<input type="checkbox"/> DOCUMENTATION	TOTAL PAGES: 5
	<input type="checkbox"/> LETTER	

<i>SustainGlobe Ltd.</i>	
<small>THIS DRAWING REVIEWED SOLELY FOR GENERAL CONFORMITY WITH DESIGN CONCEPTS, QUANTITIES, DETAILS, DIMENSIONS AND DESIGNS INHERENT IN THE SHOP DRAWINGS ARE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY DATA WITH FIELD DIMENSIONS. CONTRACTOR IS SOLELY RESPONSIBLE FOR DESIGN OF MANUFACTURED ITEMS, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION AND INSTALLATION OF EQUIPMENT.</small>	
DATE RECEIVED: May 9, 2025	<input checked="" type="checkbox"/> MECHANICAL <input type="checkbox"/> ELECTRICAL <input type="checkbox"/> OTHERS
THIS DRAWING IS: <input checked="" type="checkbox"/> REVIEWED <input type="checkbox"/> REVIEWED AS NOTED <input type="checkbox"/> REVIEWED AND TO BE RESUBMIT	BY: TL DATE: May 12, 2025 PROJ. NO.: 18031



54 Audia Court, Unit 2
Concord, ON L4K 3N5
(905)-738-1400

Submittal 24-256-022

PROJECT NAME	PROJECT ADDRESS	DATE SUBMITTED
NESHAMA HOSPICE	24-256 3 Cadillac Avenue North York, ON M3H 1R9	May 9, 2025
TO	FROM	
Taranjeet Singh	INZAMAN KHAN	
COMPANY	COMPANY	
1568796 ONTARIO INC. C/A RENOKREW	Consult Mechanical Inc.	
EMAIL	EMAIL	
taranjeet@renokrew.com	inzaman@consultmechanical.com	
ADDRESS	ADDRESS	
43 LEPAGE COURT TORONTO, ON M3J 1Z9	54 Audia Court, Unit 2 Concord, ON L4K 3N5	

Title

Glycol fill tank - GFT

Description

Glycol fill tank

- a. Axiom DMF300 System Feeder 17 USG, 0-45 PSI
- b. Axiom RIA10-1-SAA Low Level Alarm Panel (for DMF300)

Package Items

SPEC

SUBSECTION

ITEM

TYPE



DMF300 HYDRONIC SYSTEM FEEDER TECHNICAL INFORMATION

DIMENSIONS :

Height 36 in (see the diagram)

WEIGHT :

8.16 kg 18 lbs (Empty)

PUMP ELECTRICAL :

Rated 50 watts

UL listed AC/DC power supply adapter

100-240 VAC/50-60 Hz/1 to 24 VDC

PUMP PERFORMANCE :

3.78 l/m (1.0 gpm) @ free flow

Self-priming up to 1.2 m (4 feet)

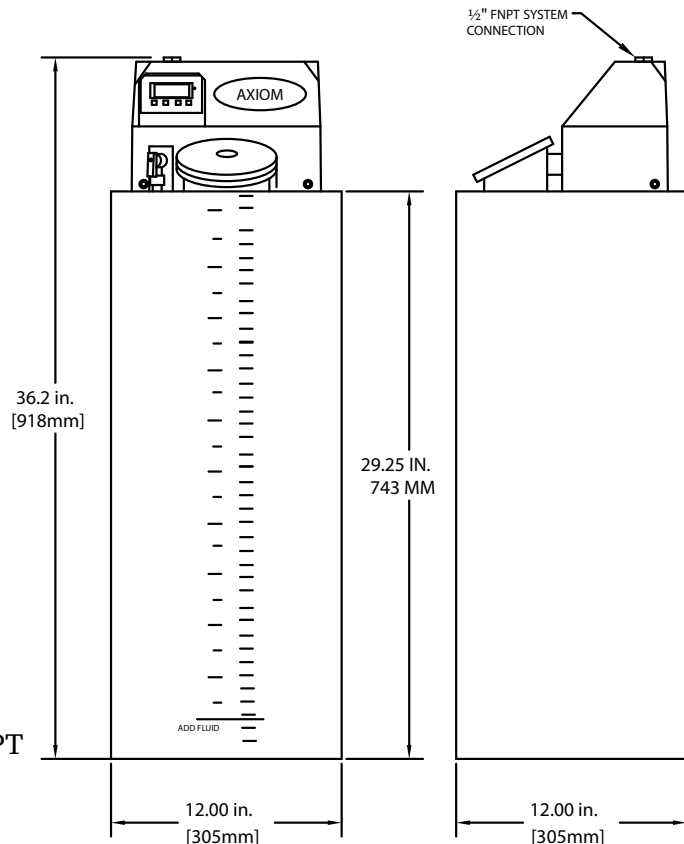
CLEARANCES :

Depth -- 12.0 in (305 mm)

Right/Left - 0 in (0mm)

* Provided that side screws on lid are removed upon installation

Clearances -- Top -- 3" (75mm) Discharge 1/2 " FNPT



SPECIFICATION :

Hydronic system feeder shall be AXIOM INDUSTRIES LTD. Model DMF300. System shall include 64 litre (17 U.S. gallon) storage/mixing tank with molded-in liquid level gauge, 100 mm (4") fill/access opening and cover; pump suction hose with inlet strainer; pressure pump with fuse protection; low fluid level pump cut-out float switch; manual diverter valve for purging air and agitating contents of storage tank; digital pressure switch adjustable from 0 kPa (0 psig) to 310 kPa (45 psig) cut-out pressure; factory cut-out pressure set to 115 kPa (18psig); digital pressure display, visual alarm on low level, low level alarm comes with remote dry contacts (NO or NC). Unit c/w UL listed and fused power supply adapter with LED power indicator light, 100-240VAC/50-60Hz/1 to 24 VDC, supplied loose for field installation.

Feeder shall be compatible with glycol solutions of up to 50% concentration. Pump shall be capable of running dry without damage. Unit shall be completely assembled.

OPTIONAL ACCESSORIES :

- ☐ **RIA10-1-SAA** -- Low level Alarm Panel provides selectable Audible Alarm and additional remote monitoring dry contacts (DMF digital pressure switch c/w NO or NC remote monitoring dry contacts)

LIMITED WARRANTY :

The DMF300 is warranted against defects in materials and workmanship for one year.

Project _____
Consultant _____
Unit Tag _____

Location _____
Contractor _____
Sales Agent _____



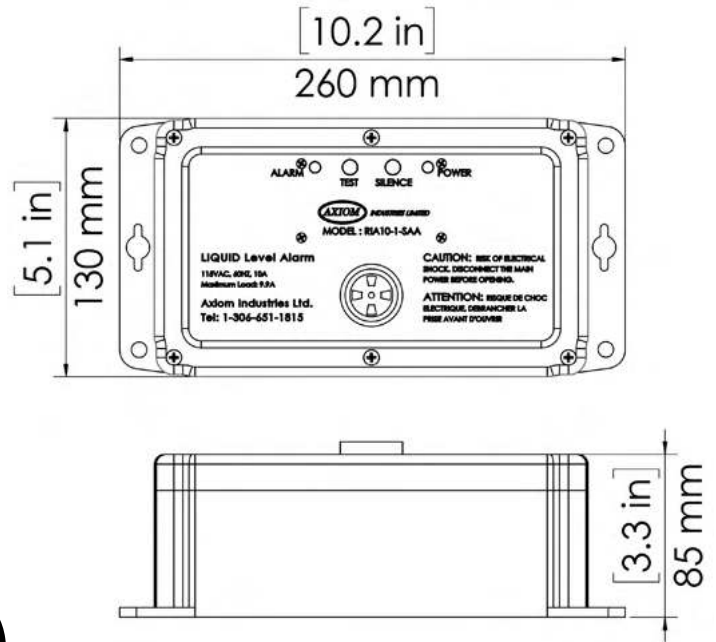
RIA10-1-SAA ALARM PANEL TECHNICAL INFORMATION

DIMENSIONS :

WEIGHT : 1.81 kg, 4 lbs

PANEL ELECTRICAL :

115/60/1, 0.7 amps
3-prong plug and cord



**Certified to CAN/CSA
C22.2 No. 68**



**Conforms to
UL 739901055**

SPECIFICATION :

Alarm panel shall incorporate a power supply cord, pump/alarm relay, power on and alarm indicating lights, alarm buzzer, test switch, silence/off switch, and receptacle for SF100 power supply cord. On low-level condition the SF100 will be disabled, the alarm will sound and a set of dry contacts will open/close.

LIMITED WARRANTY :

The RIA10-1-SAA is warranted against defects in materials and workmanship for one year.

Project _____
Consultant _____
Unit Tag _____

Location _____
Contractor _____
Sales Agent _____