**Clear cab dimension are from acrylic to acrylic and handrail protrudes over this dimension**

**Floor View**

1 1/8" [29]
Running Clearance
Per ASME A17.1-2016
Sec. 5.3.1.4.2

59 15/16"
Minimum Door Swing Clearance

27 5/8" [70]
Minimum Clearance

27 1/2" [99]
Door Clear (when Open)

62" [1575]
Floor ring

54 5/8" [1397]
Outside of Handrail

51 1/8" [1298]
Cab to Cab

Hoistway

3/4" [19]
Cab Gate to Hoistway Door
In Compliance with
3/4-4 Rule
Per ASME A17.1-2016
Sec. 5.3.1.8.3

φ3/8" [φ10]
Ring shall be secured
at landings against
lateral shifts with no
less than 4 fasteners.

Fastener to be
minimum 1/4"
diameter and
minimum 1.75" length

**ONLINE USE ONLY:**

**PROJECT:**

**MANAGEMENT:**

**CUSTOMER:**

**REVISION:**

**DATE:** 10/20/17

**DRAWN BY:**

**CHECKED BY:** 10/25/17

**SHEET NO:** 2 OF 6

**DRAWING SCALE:**

**DRAWING SIZE:**

**SAVARIA:**
THRU FLOOR CONFIGURATION

THRU FLOOR PLAN VIEW

58" [1422] Joint Cutout Diameter

58" [1422] Joint Cutout Diameter

See more details on the cutout/thru floor cutout page

Joint Cutout Thru floor

Finished Top Floor

Top Joint Structure

Joint Cutout Thru floor

Ø3/8" [10]

Ring shall be secured at landings against lateral shifts with no less than 4 fasteners, determined to be of the wood screws or concrete fastener type, 1/4" or larger in diameter and minimum 1.75" in length.
PROVISIONS BY OTHERS

GENERAL
CONSTRUCTION OWNER/AGENT TO PROVIDE ALL MASONRY, CARPETING AND DRYWALL WORK AS REQUIRED FLOORS SHALL BE IN FIRMED STATE PRIOR TO INSTALLATION OF UNIT.
MATERIALS CONTRACTOR/CUSTOMER TO VERIFY ALL CLEARANCE DIMENSIONS PRIOR TO UNIT DELIVERY.

STRUCTURAL
FLOOR LOADS: STRUCTURAL ENGINEER TO ASSURE THAT BUILDING WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT REFER TO TABLES ON THIS DRAWING FOR FLOOR LOADS IMPOSED BY THE EQUIPMENT.
NOTE: PER ASME A17.1-2016

ELECTRICAL
EQUIPMENT SIZE SPECIFICATIONS SHALL BE COMPLETE BEFORE INSTALLATION IN CONFORMITY WITH ELECTRICAL CODE TO BE COMPARED TO PROJECT PRIOR TO INSTALLATION. INSTALLATION IN POWER TO LIFT UNIT MUST BE APPROVED TO ASSEMBLY LOCATION PRIOR TO INSTALLATION.

ENTRANCES
HANDRAILS: ALL BALCONY LEVELS REQUIRE HANDRAILS TO BE INSTALLED FOR LOCAL CODES AFTER INSTALLATION IS COMPLETED. HANDRAILS AND INSTALLATION IS NOT RESPONSIBLE FOR HANDRAIL INSTALLATION OR MATERIALS.

GENERAL
CLASSIFICATION: Residential Building
APPLIED CODE: ASME 17.1-2016 SEC. 5.3
WALLS: Full Clear Acrylic—Complies with ANSI Z97.1
NUMBER OF FLOORS: 3
MODEL: Round Acrylic
CAPACITY: 840 lbs. [381 kg]
NOMINAL SPEED: 32 fpm. [0.629 m/s]
CAB FLOOR AREA: 11.91 Square Feet [1.11 square meters]
CAB INTERMEDIATE HEIGHT: 84 inches [2134 mm]
CAB WEIGHT: 700 lbs. [318 kg]
TOTAL TRAVEL: 339 Inches
PIT DEPTH: 4 Inches [102-355mm]
POWER SUPPLY: 50/60Hz Single Phase 230V

SUSPENSION:
TYPE: Galvanized Aircraft Cable 2x3/8 dia.
CONSTRUCTION: IWRC 7 x 19 KREL
NOMINAL STRENGTH: 14,450 lbs. [6531 kg]
WT. OF HOSES: 0.243 lbs/ft [0.616 g/cm]
TRAVEL CABLE WT: 0.228 lbs/ft [0.393 g/cm]

DRIVE TRAIN:
TYPE: Winding Drum
MOTOR: 1.5 HP with Integrated Brake
TRANSMISSION: Ultra-Low-Vibration 3-Stage Right Angle Helical-Bevel Drive
MOTOR CONTROLS: Pre-Programmed Variable Freq. Drive
DOOR INTERLOCKS: Honeywell HDG-01G-L98 certified in compliance with ASME A17.1 Sections 2.1.2.4.3
PIT/FLOOR LOAD: (m of Travel+50) + (m of Floors+50) + 2193 Dead Load (lbs) + (m of Travel+57) + (m of Floors+27.22) + 995 Dead Load (kg)

FIT FLOOR TO SUPPORT LOAD OF: 1600 kg
IMPACT LOAD: 1680 kg
[3500 lbs]

DATA SHEET

DATA SHEET

OFFICE USE ONLY: Part No. VULift 30009087
JOB No. [118]

DATE: 07/26/17

CUSTOMER: SAVARIA

PROJECT: [118]

CONSTRUCTION PERMIT: 1.5

ADEPT No. 6 OF 6
PLAN VIEW PIT CUTOUT/THRU FLOOR CUTOUT

FINISHED PIT AND/OR
THRU FLOOR CUTOUT

6" [152] Hole Cutout

3/8" [9] Ring Thickness

¢Hoistway

56" [1422] Finished Pit Diameter

56" [1422] Top of finish base floor

NOTE:
PIT OPTION ROUGH IN AND FINISHED DIMS. ARE IDENTICAL TO THRU-FLOOR ROUGH IN AND FINISHED DIMS.

COMPLETE FROM ADJACENT WALLS TO EDGE OF HOLE/PIT MUST BE MINIMUM 18" ON ALL SIDES.

PIT CUTOUT AND THRU FLOOR CUTOUT