

00-289611

Direction A

Ø140 (REFERENCE) ①

MIN3, MAX8  
[MIN 0.12, MAX 0.31]

ALUMINUM FLANGE

140±25  
[5.51±0.98]

THIS DIMENSION CAN BE CHANGED WITH THE CUSTOMERS' REQUIREMENT

Ø1633  
[Ø64.29]

FIBERGLASS SHELL

NATURAL INNER LINER

BLACK BASE

285  
[11.22]

Ø1560  
[Ø61.42]

Direction A  
1:5

12-ø0.35 12-ø9 Through-hole  
NOT ORIENTATED, TOP AND BOTTOM  
FLANGE ARE NOT ALIGNED.

228  
[Ø9.37]

216  
[Ø8.50]

30°

NOTES:

- TANK MUST MEET ALL APPLICABLE SPECIFICATIONS OF NSF/ANSI 044 STANDARD, LATEST REVISION.
- OPERATING SPECIFICATIONS:
  - MAXIMUM WORKING PRESSURE - 150 PSI (10.5 BAR)
  - TEMPERATURE RANGE - 34-150° F (1-65°C)
  - MAXIMUM VACUUM - 5"Hg (127mm Hg)
- VISUAL LINER INSPECTION
  - NO MORE THAN 20 INTERNAL OR EXTERNAL BLEMISHES OR BURNT DEBRIS.
  - NO INTERNAL OR EXTERNAL BLEMISHES OR BURNT DEBRIS LARGER THAN 5×5mm.
  - NO INTERNAL BLEMISHES OR BURNT DEBRIS ALLOWED.
- ALL GLASS STRANDS FROM FIBERGLASS LINER TO BE BONDED AND COVERED.
- SURFACE TO BE FREE OF NICKS, SCRATCHES, RESIN AND GLASS.
- SURFACE FINISH.
- DIMENSIONS IN PARENTHESIS ARE REFERENCE ONLY.
- DIMENSIONS IN SQUARE PARENTHESIS ARE INCH UNTL.
- TANK TO BE BONDED TO BASE.
- USING A STANDARD LEVEL WITH TANK POSITIONED ON A LEVEL SURFACE, DATUM B TO BE PARALLEL WITH DATUM A. BUBBLE OF LEVEL MUST FALL COMPLETELY WITHIN LINES WHEN MEASURED AT 90° INTERVALS WHEN PLACED ON THE TOP OF THE FLANGE.
- AFTER THE TANK IS LEVELED, IT IS RECOMMENDED THAT THE TANK BE BOLTED TO THE FLOOR IN SIX POSITIONS PER THE TRIPOD BASE BOLT HOLE PATTERN WITH 3/8" ANCHORS.

2 DIMENSION A CHANGED

1 THIS DRAWING IS UPDATED COMPLYING WITH THE CHINESE VERSION

VERSION NO. DESCRIPTION OF CHANGES: SIGNATURE DATE

2011/08/29

2009/11/23

REFERENTIAL PLASTIC SHRINKAGE (IF NECESSARY):

SIGNATURE

NAME DATE

SCALE MATERIAL MODEL

1 : 10 DESCRIPTION

QUANTITY SMOOTHNESS 63" FRP PRESSURE VESSEL (DOUBLE FLANGE OPENING)

PROJECTION COMPUTER CODE DRAWING NO. VERSION NO.

113632-00 2

THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.

DO NOT MEASURE THE DIMENSIONS. UNIT: MM TOTAL PAGE: 1

MODEL	A		B		VOLUME			DOME VOLUME			STRAIGHT WALL AREA		WEIGHT	
	mm	inch	mm	inch	liters	U.S. gal	cubic FT	liters	U.S. gal	cubic FT	sq. m	sq. FT	Kg	LBS
63x67	2044±15	80.47±0.59	728	28.66	2451	647.56	86.61	511	135.0	18.06	3.62	38.97	306	673
63x86	2475±15	97.44±0.59	1158	45.59	3306	873.45	116.82	511	135.0	18.06	5.76	62.0	360	792

00-289611

Direction A

Ø140 (REFERENCE) ①

MIN3, MAX8  
[MIN 0.12, MAX 0.31]

ALUMINUM FLANGE

140±25  
[5.51±0.98]

THIS DIMENSION CAN BE CHANGED WITH THE CUSTOMERS' REQUIREMENT

Ø1633  
[Ø64.29]

FIBERGLASS SHELL

NATURAL INNER LINER

BLACK BASE

285  
[11.22]

Ø1560  
[Ø61.42]

Direction A  
1:5

12-ø0.35 12-ø9 Through-hole  
NOT ORIENTATED, TOP AND BOTTOM  
FLANGE ARE NOT ALIGNED.

228  
[Ø9.37]

216  
[Ø8.50]

30°

NOTES:

- TANK MUST MEET ALL APPLICABLE SPECIFICATIONS OF NSF/ANSI 044 STANDARD, LATEST REVISION.
- OPERATING SPECIFICATIONS:
  - MAXIMUM WORKING PRESSURE - 150 PSI (10.5 BAR)
  - TEMPERATURE RANGE - 34-150° F (1-65°C)
  - MAXIMUM VACUUM - 5"Hg (127mm Hg)
- VISUAL LINER INSPECTION
  - NO MORE THAN 20 INTERNAL OR EXTERNAL BLEMISHES OR BURNT DEBRIS.
  - NO INTERNAL OR EXTERNAL BLEMISHES OR BURNT DEBRIS LARGER THAN 5×5mm.
  - NO INTERNAL BLEMISHES OR BURNT DEBRIS ALLOWED.
- ALL GLASS STRANDS FROM FIBERGLASS LINER TO BE BONDED AND COVERED.
- SURFACE TO BE FREE OF NICKS, SCRATCHES, RESIN AND GLASS.
- SURFACE FINISH.
- DIMENSIONS IN PARENTHESIS ARE REFERENCE ONLY.
- DIMENSIONS IN SQUARE PARENTHESIS ARE INCH UNTL.
- TANK TO BE BONDED TO BASE.
- USING A STANDARD LEVEL WITH TANK POSITIONED ON A LEVEL SURFACE, DATUM B TO BE PARALLEL WITH DATUM A. BUBBLE OF LEVEL MUST FALL COMPLETELY WITHIN LINES WHEN MEASURED AT 90° INTERVALS WHEN PLACED ON THE TOP OF THE FLANGE.
- AFTER THE TANK IS LEVELED, IT IS RECOMMENDED THAT THE TANK BE BOLTED TO THE FLOOR IN SIX POSITIONS PER THE TRIPOD BASE BOLT HOLE PATTERN WITH 3/8" ANCHORS.

2 DIMENSION A CHANGED

1 THIS DRAWING IS UPDATED COMPLYING WITH THE CHINESE VERSION

VERSION NO. DESCRIPTION OF CHANGES: SIGNATURE DATE

2011/08/29

2009/11/23

REFERENTIAL PLASTIC SHRINKAGE (IF NECESSARY):

SIGNATURE

NAME DATE

SCALE MATERIAL MODEL

1 : 10 DESCRIPTION

QUANTITY SMOOTHNESS 63" FRP PRESSURE VESSEL (DOUBLE FLANGE OPENING)

PROJECTION COMPUTER CODE DRAWING NO. VERSION NO.

113632-00 2

THIS PRODUCT DRAWING CAN NOT BE COPIED AND/OR USED WITHOUT PRIOR WRITTEN APPROVAL OF WAVE CYBER.

DO NOT MEASURE THE DIMENSIONS. UNIT: MM TOTAL PAGE: 1