

## Ordering Guidelines

### Ensuring a Precise Fit

When you order your APC vessel, here's the information we need to know:

- Diameter and capacity
- Catalog number
- Type of stainless steel (Type 316L; or Type 304, 304L, 316, 317, 317L, or Hastelloy also available)
- Maximum working pressure
- O-ring material (Including EPDM, Viton®, Teflon®, Neoprene and others)
- Type, size and placement of fittings (See information and diagram for each specific vessel type)
- Finish (UN/ASME Portable Pressure Vessels: Standard finish is white pickle or electropolish, other finishes available; Portable Pharmaceutical/Hygienic Pressure Vessels: Standard finish is 8-12 Ra, other finishes available)
- Options (Including mixers, sight glasses, level gauges, manways, sanitary pressure relief valves and gauges, and others)

Please contact our Customer Service Department with any questions you may have about ordering your APC vessel.



#### CONVERSION TABLE

LITERS	U.S. GALLONS
3.79	1
7.57	2
11.36	3
15.14	4
18.93	5
22.71	6
26.50	7
30.28	8
34.07	9
37.85	10
75.70	20
113.6	30
151.4	40
189.3	50
227.1	60
265.0	70
302.8	80
340.7	90
378.5	100



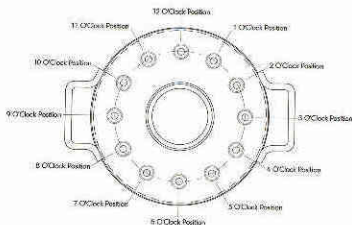
"You're learning something new here every day. Just when you think you've got it all down, you come across something new. And there's a lot of knowledge and experience here to tap into. So I'm improving my skills all the time. And that just helps me do a better job."

*Chad Anderson  
Welder  
9 years with  
Alloy Products*

Use of the clock positions as shown in the drawings below provides a simple method for specifying exact fitting placement and size.

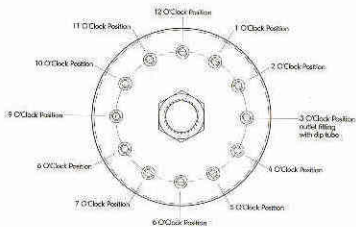
#### FOR PHARMACEUTICAL/HYGIENIC VESSELS:

- On a copy of this drawing, circle the clock positions to indicate where you'd like each fitting positioned on your tank.
- Specify the type and size of each fitting.
- Specify the size of the center ferrule.



#### FOR UN VESSELS:

- Each 9", 12" and 18" APC UN tank has four 1/4" NPT fittings at the 3, 5, 9, and 11 o'clock positions on the top head.
- Various sizes and types of fittings, including NPT, sanitary clamp, VCR, industrial high-pressure or vacuum fittings, are available.
- The dip tube (product siphon outlet tube) is always at the 3 o'clock position, which is located above the deepest part of the vessel.
- Any design changes will require additional testing to UN standards.



#### FOR ASME VESSELS

- Each standard APC ASME tank has four 1/4" NPT fittings at the 3, 5, 7, and 9 o'clock positions on the top head.
- Other sizes and types of fittings, including sanitary clamp, industrial high-pressure or vacuum fittings, are available on special order.
- The dip tube (product siphon outlet tube) is always at the 3 o'clock position, which is located above the deepest part of the vessel.

