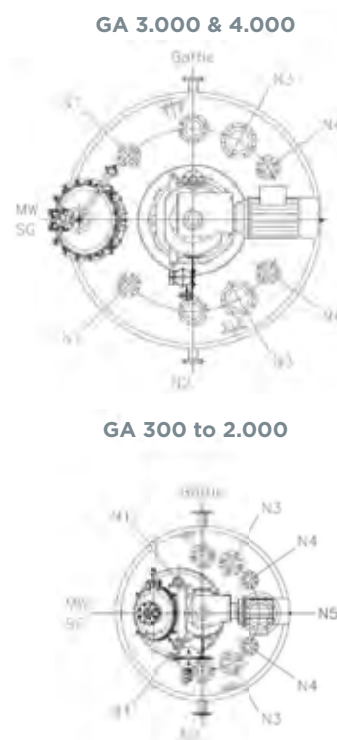
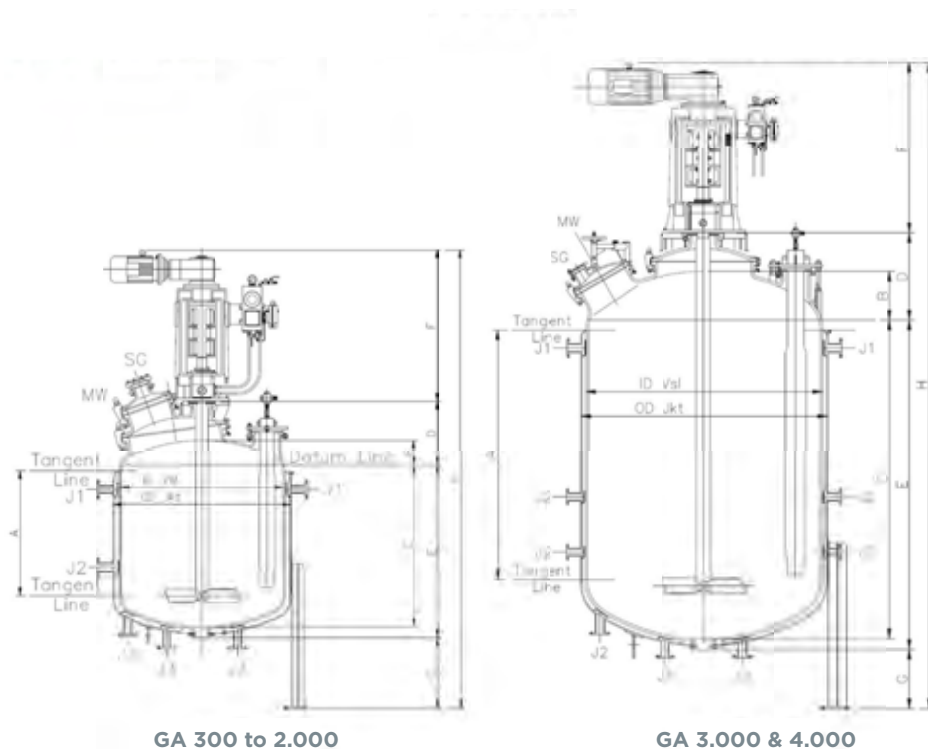


GA series reactors



Standard design data:

Design pressure:

- Internal 100 psi or FV @ 450°F
- Jacket 100 psi or FV @ 450°F

Design and construction according ASME.

Code Section VIII, Div.1 with U-Stamp.

Standard Drive type GRO quick change double mechanical seal cartridge.

One-piece agitator Type PBT -pitched blade turbine. Other blade designs, multi-stage impellers and mixing design assistance are available.

Flange mounted flattened pipe baffle is standard.

Customized nozzle arrangement and reactor designs are also available.

Many accessories are available: easy access ports, samplers, cladding, valves, inline drives, spring assists, prorings, etc.

Please ask your local representative for additional items and options.

		300	500	750	1.000	1.500	2.000	3.000	4.000
Working capacity	Gallons	300	500	750	1.000	1.500	2.000	3.000	4.000
Vessel total capacity	Gallons	383	580	875	1.120	1.872	2.265	3.412	4.423
Jacket capacity	Gallons	68	102	111	143	126	156	183	245
Jacket heating area	ft ²	53	80	97	124	161	194	236	305
Vessel inside diameter	Inches	48	48	60	60	78	78	96	96
Jacket outside diameter	Inches	54	54	66	66	84	84	102	102
Dimension A	Inches	33	58	52	72	65	84	76	108
Dimension B	Inches	9	9	12	12	17	17	20	20
Dimension C	Inches	48	73	70	90	88	107	106	138
Dimension D	Inches	20,0	20,0	23,0	23,0	27,5	27,5	34,5	34,5
Dimension E	Inches	52,3	77,3	74,3	94,3	92,5	111,5	110,5	142,5
Dimension F	Inches	49,2	50,0	50,0	55,1	56,3	56,3	66,1	66,9
Dimension G	Inches	18,0	18,0	18,0	18,0	18,0	18,0	18,0	18,0
Dimension H	Inches	139	165	165	190	194	213	229	262
Reactor net weight	lbs.	3.159	4.140	6.407	7.670	13.346	15.332	21.275	25.850
With drive, agitator & baffle	lbs.	4.768	5.793	8.149	9.588	15.837	17.868	25.199	30.061
Full of water	lbs.	8.526	11.485	16.373	20.125	32.506	38.068	55.200	69.010

GA series reactors

Working capacity	Gallons	300	500	750	1.000	1.500	2.000	3.000	4.000
Nozzles on top head									
Main port		24"	24"	30"	30"	30"	30"	36"	36"
Manway		12 x 16"	12 x 16"	14 x 18"	14 x 18"	14 x 18"	14 x 18"	18"	18"
Sight glass on cover		4"	4"	4"	4"	4"	4"	4"	4"
Free nozzles n° x ND	N1	2 x 2"	2 x 2"	2 x 2"	2 x 2"	2 x 2"	2 x 2"	2 x 4"	2 x 4"
Free nozzles n° x ND	N2	1x 4"	1 x 4"	1 x 4"	1 x 4"	1 x 6"	1 x 6"	1 x 6"	1 x 6"
Free nozzles n° x ND	N3	2x 3"	2 x 3"	2 x 4"	2 x 4"	2 x 8"	2 x 8"	2 x 8"	2 x 8"
Free nozzles n° x ND	N4	--	--	--	--	2 x 4"	2 x 4"	2 x 4"	2 x 4"
Free nozzles n° x ND	N5	1 x 6"	1 x 6"	1 x 8"	1 x 8"	1 x 4"	1 x 4"	--	--
Baffle nozzle		1 x 4"	1 x 4"	1 x 4"	1 x 4"	1 x 6"	1 x 6"	1 x 6"	1 x 6"
Drive nozzle		6"	6"	6"	6"	8"	8"	10"	10"
Outlet nozzle on bottom		3"	3"	4"	4"	4"	4"	4"	4"
Jacket nozzles									
J1 nozzles n° x ND		2 x 2"	2 x 2"	2 x 3"	2 x 3"	2 x 3"	2 x 3"	2 x 4"	2 x 4"
J2 agitating nozzles n° x ND		4 x 2"	4 x 2"	6 x 2"	6 x 2"	6 x 2"	6 x 2"	6 x 2"	6 x 2"
J3 nozzles n° x ND		2 x 2"	2 x 2"	2 x 2"	2 x 2"	2 x 2"	2 x 2"	2 x 3"	2 x 3"
Drive GRO standard size		80	80	80	80	100	100	125	125
Standard motor	HP	4	5	7	10	15	15	30	41
PBT turbine span	Inches	25	25	29	29	29	29	39	39

