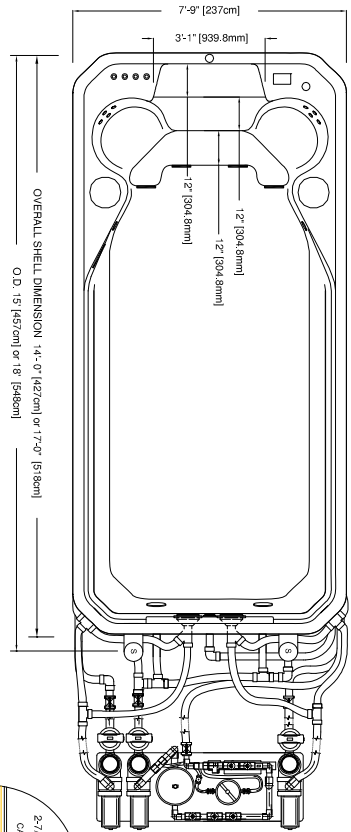


COMMERCIAL 14' and 17' SWIM IN PLACE EXERCISE POOL

SHELL DIMENSIONS

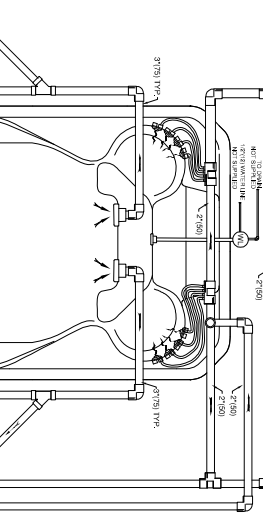
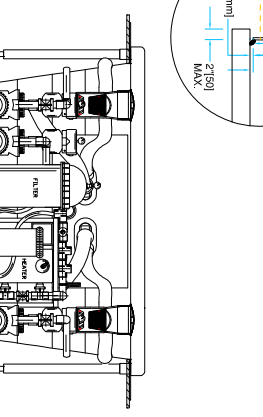
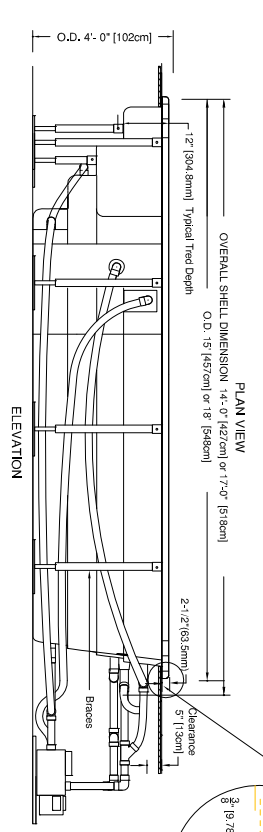
LENGTH	WIDTH	HEIGHT
14'-0" (427 cm)	7'-9" (237 cm)	4'-0" (122 cm)
17'-0" (518 cm)	7'-9" (237 cm)	4'-0" (122 cm)



VOLUME	WEIGHT FILL	WEIGHT EMPTY
@1706 GJ / 6498 Lt	15500 lbs / 7026 kg	1200 lbs / 545 kg
@2208 GJ / 8357 Lt	19900 lbs / 9026 kg	1800 lbs / 816 kg

All equipment UL and UL-C approved.

14' SPECIFICATIONS		17' SPECIFICATIONS	
SPA VOLUME 1706 usg	6497 Liter	SPA VOLUME 2208 usg	8357 Liter
TURNOVER 30 minutes		TURNOVER 30 minutes	
FILTER FLOW RATE 74 usgpm @ 60" TDH		FILTER FLOW RATE 74 usgpm @ 60" TDH	
204 Open Area		204 Open Area	
215 LPM @ 17.92 M/hd		215 LPM @ 17.92 M/hd	
OPERATING @ 285 usgpm/sq.ft.	18.58 sq.m.	OPERATING @ 285 usgpm/sq.ft.	20.91 sq.m.
RE-CIRCULATION FLOW RATE 74 usgpm/29.3 Lpm		RE-CIRCULATION FLOW RATE 74 usgpm/29.3 Lpm	
BOOSTER PUMPS FLOW RATE 10 @ 12.35 sq. m / 79.6 sq. cm each		BOOSTER PUMPS FLOW RATE 10 @ 12.35 sq. m / 79.6 sq. cm each	
VELOCITY THROUGH 2 SUCTION FITTINGS 1.0 L/sec / 0.34 m/sec		VELOCITY THROUGH 2 SUCTION FITTINGS 1.0 L/sec / 0.34 m/sec	
BOOSTER PUMP 5 hp EACH		BOOSTER PUMP 5 hp EACH	



SPECIFICATIONS

- The shell of the hot tub shall be manufactured of vacuum formed acrylic. See dimensional information on this sheet.
- The acrylic shall be further reinforced with fiberglass rebar adjustable support legs mated to steel sockets built into the structure of the shell.
- The shell shall have the following fittings:
 - Air Control Valves
 - Hydrotherapy Jets
 - Wide mouth shifter. (N.S.F. Listed)
 - Summer Current Spray Jets
 - Spout Current Spray Jets (ANSI/ASME A112.19.3M Listed)
 - Thigh Exercise Jets
 - Water level tank fitting with remote water level control tank
 - The hot tub will be insulated with a coating of polyurethane foam, factory plumbed and hydraulically tested.
- Agustather mechanical support system recommended package will be shipped on a separate plastic base and shall consist of:
 - This filter pump. (N.S.F. Listed)
 - 200 sq.ft. cartridge filter. (N.S.F. Listed)
 - 24 KW electric heater. c/w flow switch
 - Line Thermometer. c/w flow switch
 - Line Chemistry Controller
 - Line Heater (N.S.F. Listed with generally closed solenoid valve)
 - Blow Heater (N.S.F. 15 gal solution tank) c/w heater
 - Water level controller with overflow located at the shell
 - VAV2000 Vacuum Release device (ANSI A112.1917-2002 Listed)
- Optional manual with anchor and scuba/snorkel plates, or deck lampa.
- Warranty shall be 5 years on the shell structure, 2 years on the acrylic surface and one year on the plumbing, mechanical equipment and accessories. On-site plumbing is NOT covered.
- Installation items NOT covered by this specification and considered by others' are:
 - Plumbing between the spa shell and mechanical equipment location.
 - Electrical connections, motor, heater and component connections including motor starters or any grounding of electrical components.
 - Decking and access steps including deck drains.
 - Supports under the seats and steps of the shell.

NOTE: The mechanical system may be modified to suit project requirements. Section 1-5 - 1.615 NOT applicable if equipment is supplied by others.

HydroTher

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Project: **HydroTher 2008 Water Vapor Swim In Place Exercise Pool 14' and 17' Model**

Scale: 1/4" = 1'-0"

Date: Sept. 20/07

Drawn By: JLB

App. No.: 8002007