





PLEUR-EVAC® TRADITIONAL SERIES AND ATRIUM OCEAN™ SERIES

Wet Suction/Wet Seal Feature Comparison Overview



	PLEUR-EVAC TRADITIONAL CHEST DRAINAGE SYSTEM	ATRIUM OCEAN
	A-7000-08LF Series	2002 Series
Suction	Wet suction. Fluid must be added to suction chamber to prescribed level if required.	
Seal	Wet Water Seal needs to be established through the addition of 2 cm of H ₂ O Patient is at risk of exposure to atmospheric air until water seal has been established	
Patient Protection upon Tip Over		
Suction ON	No	
Suction OFF	No	
	Risk of atmospheric air entering the patient around angled fluid	
Fluid Migration upon Tip Over	Fluid can exit suction control upon tipover. Fluid can exit seal when tipped.	Fluid can exit suction when tipped. Fluid will stay in seal when tipped but atmospheric air will go around seal.
Suction Source Requirements	2-4 LPM	2-4 LPM
Suction Control	 Water filled to 25 cm max—usual 20 cm	 Water filled to 25 cm max—usual 20 cm
Suction Indicator	Water Seal	
Optional Stop Cock Suction Control	No	Yes. Some models.
Air Leak Meter	Air leak meter must be filled to detect air leak	
Meter Labeled	 Low (1) to High (7)	 Low (1) to High (5)



	PLEUR-EVAC TRADITIONAL CHEST DRAINAGE SYSTEM	ATRIUM OCEAN™
	A-7000-08LF Series	2002 Series
Collection Chamber	2500 ml • 1ml increments up to 100 ml, then 2 ml up to 200 ml • Over 200 ml calibrations are in 5 ml increments	2100 ml • 1ml increments up to 100 ml, then 2 ml up to 200 ml • Over 200 ml calibrations are in 10 ml increments
Specimen Sampling	Sample Port in patient tube	
Needleless		
Needle	Not recommended	20 gauge needle or smaller
In-Line ATS Bag	YES (A-1500-08LF)	Yes (2550)
Capacity	1400 cc gravity	700 cc
Internal Spring	No	Yes
Dedicated filter	Yes (4")	No
Possible to pressure cuff	Yes	No
Suspension	Side	Front
Infant Unit	A-8020-08LF (1/2ml increments up to 10 ml/1 ml to 150 ml)	2012 (1 ml up to 100/2 ml up to 200)
Dual	A-7002-08LF (950/1900 ml)	2020 (1090/800 ml)
Continuous Reinfusion Models	A-9250LF (dry suction/wet seal technology)	2050/2052
Rapid Transfer Bag	Yes (S-250-08)	2450
Spring	External - can be pressure cuffed reinfused	Internal - cannot be pressure cuff reinfused
Capacity	700 cc	700 cc

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