

OPERATION SPECIFICATIONS³

Replacement Filter Type	Model No. 34 ¹	Minimum operating water pressure	30 psi/2.1 kg/cm ²
Approximate Service Capacity	500 Gallons/1900 liters ²	Maximum operating temperature	100°F/38°C-for cold water use only
Approximate Flow Rate @ 60 psi	.75 gpm/2.84 lpm	Minimum operating temperature	35°F/2°C
Maximum operating water pressure	125psi/8.8kg/cm ²	Particle retention size	NSF CLASS 1 (0.5-1.0 microns)

Not to be used where water is microbiologically unsafe or with water of unknown quality without adequate disinfection before water filtration. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts. Filter performance may vary based upon local water conditions.⁴

Your drinking water may not contain the contaminants listed. Before installing a Water Dome® Water Enhancement System, you may wish to have your water tested by a reputable water-testing laboratory to identify specific contaminants.

CHEMICAL REFERENCE LIST

Results of the chloroform surrogate test apply to the following chemicals:

Listed Alphabetically

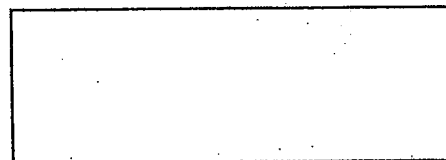
ALACHLOR	LINDANE
ALTRAZINE	METHOXYCHLORMETHYLBENZENE (Toluene)
BENZENE	MONOCHLOROBENZENE (Chlorobenzene)
BROMODICHLOROMETHANE (TTHM)	m-XYLENE
BROMOFORM (TTHM)	ortho-XYLENE
CARBOFURAN (Furadan)	PENTACHLOROPHENOL
CARBON TETRACHLORIDE	PERCHLOROBUTADIENE (Hexachlorobutadiene)
CHLOROFORM (TTHM)	PHENYLETHANE (Ethylbenzene)
2,4-D	PROPYLENE DICHLORIDE
DIBROMOCHLOROMETHANE (TTHM)	p-XYLENE
DIBROMOCHLOROPROPANE (DBCP)	SIMAZINE
o-DICHLOROBENZENE (1,2-Dichlorobenzene)	SILVEX (2,4,5-TP)
p-DICHLOROBENZENE	1,1,2-TETRACHLOROETHANE
1,2-DICHLOROETHANE (1,2-DCA)	TETRACHLOROETHYLENE (PCE)
trans-1,2-DICHLOROETHYLENE	1,1,1-TRICHLOROETHANE (1,1,1-TCA)
1,1-DICHLOROETHYLENE (1,1-DCE)	1,1,2-TRICHLOROETHANE
cis-1,2-DICHLOROETHYLENE	TRICHLOROETHYLENE (TCE)
1,2-DICHLOROPROPANE	TRIHALOMETHANES (TTHM; Chloroform; Bromoform; Bromodichloromethane;
cis-1,3-DICHLOROPROPYLENE	Dibromochloromethane)
DINOSEB	1,2,4-TRICHLOROBENZENE
ENDRIN	VINYLBENZENE (Styrene)
ETHYL DIBROMIDE (EDB)	
HEPTACHLOR	
HEXACHLOROCYCLOPENTADIENE	

Footnotes:

1. The Water Dome®, Model No. 32 uses replacement filter No.34. Replacement filter can be purchased directly from GNDL Independent Distributors at the suggested retail price of \$53.50.
2. The rated capacity of the replacement filter (No. 34) for the Water Enhancement System is 500 gallons; it is recommended that the filter be replaced every six months or every 500 gallons, whichever ever comes first. (See the maintenance section in the manual for more information).

3. Please see the Installation Instructions for operating procedures, product guarantee and warranty.
4. Check for compliance with state and local laws and regulations.

For further information, please contact your local independent Distributor



**GOLDEN NEO-LIFE
DIAMITE
INTERNATIONAL**

WATER DOME® WATER ENHANCEMENT SYSTEM

FILTRATION PERFORMANCE DATA SHEET

Countertop Model #32

December 1997

GOLDEN NEO-LIFE DIAMITE, INT'L.

3500 Gateway Blvd.
Fremont, CA 94538
1-800-432-5844

In California, Call
1-800-432-5848



3500 Gateway Blvd., Fremont, CA 94538
Inside California 1-800-432-5458
Outside California 1-800-432-5444

PRIMARY REGULATED VOLATILE ORGANIC CHEMICALS

CHEMICAL	OCCURENCE LEVELS (ppb) Estimate of Environment	NSF MAXIMUM EFFLUENT (ppb) Standard EPA Levels	PERCENT REDUCTION Test Results	EFFLUENT FILTERED Actual Tested (0.7 ppb)
Atrazine	102	3.0	99.8%	0.73 ppb
Benzene	30	5.0	99.8%	0.73 ppb
Carbon tetrachloride	40	5.0	99.8%	0.73 ppb
Chloroform	300	15.0	99.8%	0.73 ppb
o-Dichlorobenzene	80	1.0	99.8%	0.73 ppb
p-Dichlorobenzene	40	5.0	99.8%	0.73 ppb
1,1-Dichloroethylene	50	7.0	99.8%	0.73 ppb
1,2-Dichloroethane	100	5.0	99.8%	0.73 ppb
1,2-Dichloropropane	80	5.0	99.8%	0.73 ppb
Endrin	53	0.59	99.8%	0.73 ppb
Ethylbenzene	80	4.0	99.8%	0.73 ppb
Heptachlor	25	0.01	99.8%	0.73 ppb
Heptachlor Epoxide	10.7	0.2	99.8%	0.73 ppb
Hexachlorocyclopentadiene	60	0.002	99.8%	0.73 ppb
Lindane	55	0.01	99.8%	0.73 ppb
Pentachlorophenol	96	1.0	99.8%	0.73 ppb
Tetrachloroethylene	80	4.0	99.8%	0.73 ppb
Toluene	80	4.0	99.8%	0.73 ppb
1,2,4-Trichlorobenzene	160	0.5	99.8%	0.73 ppb
1,1,1-Trichloroethane	80	5.0	99.8%	0.73 ppb
1,1,2-Trichloroethane	151	2.0	99.8%	0.73 ppb
Trichloroethylene	300	5.0	99.8%	0.73 ppb
2,4-D	106	1.7	99.8%	0.73 ppb
2,4,5-TP (silvex)	272	1.6	99.8%	0.73 ppb

OTHER VOLATILE ORGANIC CHEMICAL (VOCS)

CHEMICAL	INFLUENT CONCENTRATION (ppb) Test Amounts	NSF MINIMUM % REDUCTION NSF Standard Req'ts	PERCENT REDUCTION Test Results	EFFLUENT FILTERED Actual Tested (0.7 ppb)
Alachlor	50	95%	99.8%	0.73 ppb
Carbofuran	190	95%	99.8%	0.73 ppb
Chlorobenzene	80	95%	99.8%	0.73 ppb
cis-1,2-Dichloroethylene	170	95%	99.8%	0.73 ppb
cis-1,3-Dichloropropylene	80	95%	99.8%	0.73 ppb
Dibromochloropropane (DBCP)	50	95%	99.8%	0.73 ppb
Dinoseb	170	95%	99.8%	0.73 ppb
Ethylene Dibromide (EDB)	43	95%	99.8%	0.73 ppb
Hexachlorobutadiene	40	95%	99.8%	0.73 ppb
m-Xylene	74	95%	99.8%	0.73 ppb
Methoxychlor	50	95%	99.8%	0.73 ppb
ortho-Xylene	80	95%	99.8%	0.73 ppb
p-Xylene	74	95%	99.8%	0.73 ppb
Styrene	150	95%	99.8%	0.73 ppb
Simazine	125	95%	99.8%	0.73 ppb
1,1,2,2-Tetrachloroethane	80	95%	99.8%	0.73 ppb
trans-1,2-Dichloroethane	80	95%	99.8%	0.73 ppb



NSF CERTIFICATION

The GNLD Water Dome® Water Enhancement System, Model #32 has been tested and certified by NSF International under ANSI/NSF Standard No. 42-Aesthetic Effects and ANSI/NSF Standard No. 53-Health Effects for the reduction of the specific contaminants outlined.*

Aesthetic Effects (ANSI/NSF Standard No. 42)

Taste, Odor, & Chlorine (Class 1). Particulate Matter (dirt & rust) down to submicron range (Class 1).

Health Effects (ANSI/NSF Standard No 53)

Turbidity, Cysts, Trihalomethanes, Volatile Organic Chemicals (VOCs).

The tables on the previous page list the allowable claims for Volatile Organic Chemicals. Chloroform was used as surrogate for VOC claims reduction.

PERFORMANCE DATA

Test Capacity of Filter Cartridge: 500 gallons 1900 liters	Test Water pH: 6.5	Test Water Temperature: 70° F
Test Operating Water Pressure: 60psi	Test Water Flow Rate 0.75 gpm	

AESTHETIC EFFECTS

SUBSTANCE/CHEMICAL	INFLUENT (UNFILTERED)	EFFLUENT (FILTERED)	PERCENT REDUCTION
Chlorine (Taste & Odor) (Class 1)	2.0 (ppm)	0.05 (ppm)	>95%
Particle Reduction (Class 1)	4,107,048	1,615	99.96%
Less than 1 micron: Filter Reduction			
Sub-Micron			

HEALTH EFFECTS

SUBSTANCE/CHEMICAL	INFLUENT (UNFILTERED)	EFFLUENT (FILTERED)	PERCENT REDUCTION	FEDERAL MCL
CHLOROFORM (TTHM)	333ppb	0.7ppb	99.8%	100ppb
CHLOROFORM (VOC)	333ppb	0.7ppb	99.8%	100ppb
CRYPTOSPORIDIUM	73,500/ml	1/ml	99.99%	N/S†
CYSTS	73,500/ml	1/ml	99.99%	N/S†
GIARDIA LAMBLIA	73,500/ml	1/ml	99.99%	N/S†
PROTOZOA	73,500/ml	1/ml	99.99%	N/S†
TURBIDITY	32 NTU	0.14 NTU	99.5%	1.0 NTU

* These contaminants are not necessarily in your water. † MCLG (maximum contaminant level goal): 0

Explanation of Terms:

ppb: parts per billion ppm: parts per million
Class 1: Most rigorous ANSI/NSF standard.

MCL: Maximum Contamination Level
MFL: Million Fibers per Liter

N/S: None Set
NTU: Nephelometric Turbidity Units