

BEHIND-WALL (BW) WATER CHILLERS (Non-recirculating models – without pump)



TYPICAL BW CHILLER

FEATURES

- Can be located within an existing closet space or behind wall
- Eliminates the need for maintenance operations within the corridor or work space and reduces noise
- Allows for maximum flexibility to meet ADA height requirements
- Serves from 192 to 1,150 persons per day depending on the model selected
- Removable access panels designed for easy maintenance
- R-513a refrigerant standard on all models.

OPTIONS

- The Taste Master® (Model TMS) purifier removes foul tastes, odors and sediment. Other treatment modules are available to remove *Cryptosporidium* spp., *E. coli* and other bacteria
- Oversized condenser for high ambients up to 130°F
- Water cooled condenser offers quiet, efficient use with water saving regulator valve
- 24 hour time clock shuts off chiller to save energy at night or over weekend

Filtrine's behind-wall chiller/purifiers are able to serve constant 50°F chilled water because unlike conventional electric water coolers the Model BW chiller/purifier employs a large energy-saving, insulated reservoir. This allows the unit to build a reserve of chilled water during low usage periods to fill personal water containers and handle the peak demands of lunch hours, coffee breaks, etc. and still meet the low average draw. A single unit uses less energy than multiple electric water coolers serving a comparable population.

SPECIFICATIONS

CABINET: Models M-1-BW, M-2-BW, M-4-BW, and M-6-BW – Heavy gauge painted aluminum panels

Models M-14-BW, M-25-BW and M-30-BW – Heavy gauge #304 stainless steel trim with removable painted aluminum panels.

COOLING TANK: Welded 316 stainless steel with stainless steel immersion coils. System tested to 125# working pressure. Large storage capacity reduces starts and compressor operating time greatly Increasing cost efficiency while supplying ample chilled water.

COMPRESSOR: Lifetime lubricated hermetic compressor with air cooled ("A" models only) condenser.

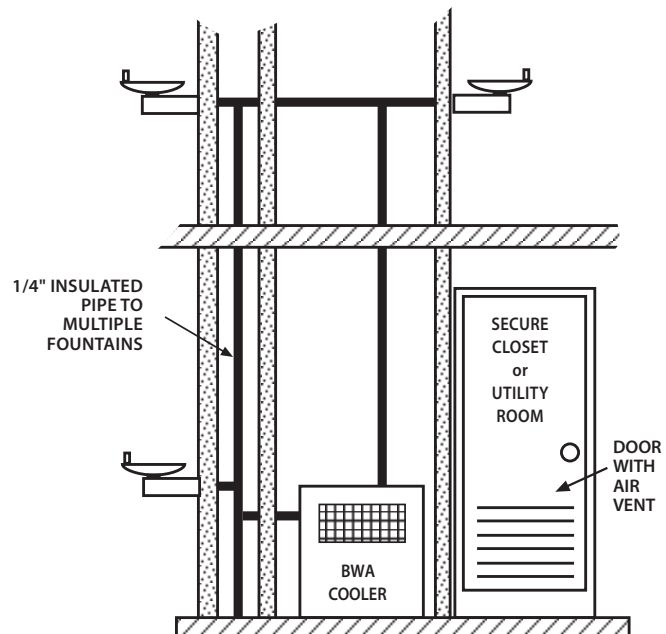
INSULATION: Closed cell thermo-elastomer insulated to ensure constant chilled water to all outlets.

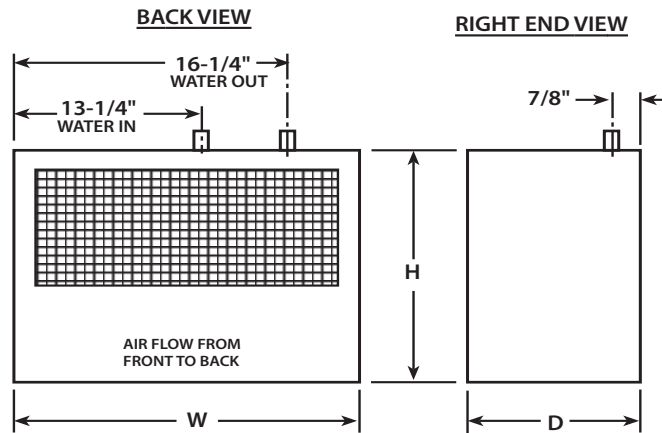
ELECTRICAL: Models M-1-BW – M-6-BW are supplied with six foot 3-wire service cord. Power supplies other than 115/60/1 are available.

☐ Other power supply _____.

LEAD FREE: All water contact surfaces are lead free.

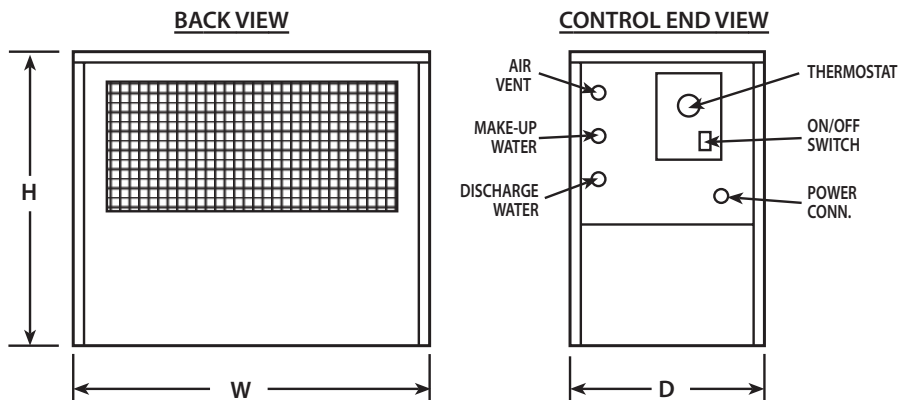
TYPICAL INSTALLATION



MODELS: M-1-BW, M-2-BW, M-4-BW, M-6-BW**SMALL BEHIND WALL (BW) CHILLER SPECIFICATIONS**

FILTRINE MODEL NUMBER*	STORAGE TANK		HOURLY CAPACITY 80°F TO 50°F			AMPS AT 115V	COMP HP	WATER CONN IN/OUT: MPT		DIMENSIONS						TMS Purifier (OPT)
										W		D		H		
	gal	liter	gal	liter	persons**			in	mm	in	mm	in	mm	in	mm	
M-1-BW-A	1	3.8	6	23	192	3.5	1/5	1/4	6.3	23	584	7	178	20	508	TMS1-0.
M-2-BW-A	2	7.6	9	34	288	4.5	1/4	1/4	6.3	23	584	7	178	20	508	
M-4-BW-A	4	15.2	12	46	384	6	1/3	3/8	9.5	23	584	12	305	24	610	
M-6-BW-A	6	22.8	18	68	576	8	1/2	1/2	12.7	23	584	12	305	25	635	

NOTE: Furnished less cabinet when installed in-wall behind ventilating grille.

MODELS: M-14-BW, M-25-BW and M-30-BW**LARGE BEHIND WALL (BW) CHILLER SPECIFICATIONS**

FILTRINE MODEL NUMBER*	STORAGE TANK		HOURLY CAPACITY 80°F TO 50°F			AMPS AT 115V	COMP HP	WATER CONN IN/OUT: MPT		DIMENSIONS						TMS Purifier (OPT)
										W		D		H		
	gal	liter	gal	liter	persons**			in	mm	in	mm	in	mm	in	mm	
M-14-BW-A	14	53	21	84	704	8	1/2	1/2	12.7	30	762	22	559	32	813	TMS2-0.5
M-25-BW-A	25	95	24	144	896	12	3/4	3/4	19	32	813	24	610	42	1069	
M-30-BW-A	30	114	32	137	1,150	20	1	3/4	19	42	1069	24	610	42	1069	

* Suffix "A" denotes air cooled condenser. For water cooled use suffix "W".

** Assumes 1 qt (0.9 L) per 8 hour day per person. Capacities based on 80°F inlet and 50°F outlet. High ambient areas with temps regularly over 100°F, multiply population served by 0.75. If make-up water exceeds 100°F, consult factory for HA (High Ambient) selection.