

MR-10 / MR-10E

MECHANICAL ROOM



Complete practice protection against waterborne pathogens including bacteria, viruses and cysts. Solenoid valve ready to wire to customer's remote kill switch panel. When paired with our ADG-3600D waterline disinfectant, makes for a perfect chemical-free dental unit water solution.

Features:

- Multi-stage filtration
- Germicidal UV-C light chamber
- Clear 1st stage filter housing
- Flow rate up to 15 gallons per minute
- Multi-stage pressure gauges
- Manual Bypass & pressure relief valve
- Quick-Connect water input & output ports
- One year warranty
- MR-10E model is kill switch compatible
 - remote 24VAC panel (by others) or
 - switched 110VAC

Benefits:

- Reduces sediment, chlorine, volatile organic chemicals, odors, cryptosporidium & giardia
- Reduces viable bacteria by 99.95%.
- Visually monitor filter saturation
- Differential pressure troubleshooting
- Change filters without disrupting practice
- Makes great tasting drinking water.
- Stay open during most boil water advisories.

Companion dental unit waterline shock system:

- ADG-3600D
- Disinfects the practice with two easy steps
- Multiple other dental uses
 - Surface disinfection
 - Ultrasonic fill

Advantages:

- Fits 1" standard plumbing.
 - For ¾", order MR-1TF0 also.
 - For 1 ¼" & 1 ½", order MR-1TH0 also.
- Model MR-10E eliminates separate remote water shutoff valve.
- Filters & Disinfects the entire practice water supply.
- When combined with our ADG-3600D, provides complete shock disinfection throughout your practice

Specifications

Part # with solenoid	MR-10E
Part # without solenoid	MR-10
Annual service kit	MR-1PM1
Tap water type	Potable, low hardness
Tap water temperature	40°F - 80°F
Tap water pressure	40 – 75 psi
System pipe size	1"
Water I-O ports: standard	1" input / 1" output
Water I-O ports: ¾"	MR-1TF0
Water I-O ports: 1 ¼" & 1 ½"	MR-1TH0
Flow output	10 gpm
Height	36 in / 93 cm
Width	24in / 62 cm
Depth	12 in / 31 cm
Weight	50 lbs / 23 kg
Electrical (2 outlets)	110V / AC / 60Hz / 3A
Companion dental unit waterline disinfection	ADG-3600D



WATER CONNECTION DETAIL

PIPE SIZE	1" OUTSIDE DIAMETER
RELIEF	PIPE CENTERLINE 4'-1/2" FROM WALL

SCHEDULE A - WATER FLOW PATH

ORDER	SERVICE OR TREATMENT	COMPLIANCE STANDARD
1	BUILDING WATER POINT OF ENTRY	POTABLE WATER PER EPA DRINKING WATER STANDARD
2	BACKFLOW PREVENTION	LOCAL PLUMBING CODED
3	LANDSCAPE IRRIGATION PLUMBING	DIVERT BEFORE
4	PRESSURE REGULATOR (60 PSI MAX)	MFC REQUIRED - EQUIPMENT 75 PSI MAX
5	WATER SOFTENER / SCALE CONTROL	DES RED
6	TOILET AND URINAL PLUMBING	DIVERT BEFORE
7	PRE-FILTER	RECOMMENDED FOR HIGH SEDIMENT CONDITIONS
8	WATER SHUT-OFF SOLENOID	INCORPORATED IN MR-10E

SCHEDULE B TREATMENT PLUMBING FIXTURES

DENTAL UNITS - HANDPIECES AND SYRINGE LINES
TREATMENT ROOM COLD SINK FAUCET

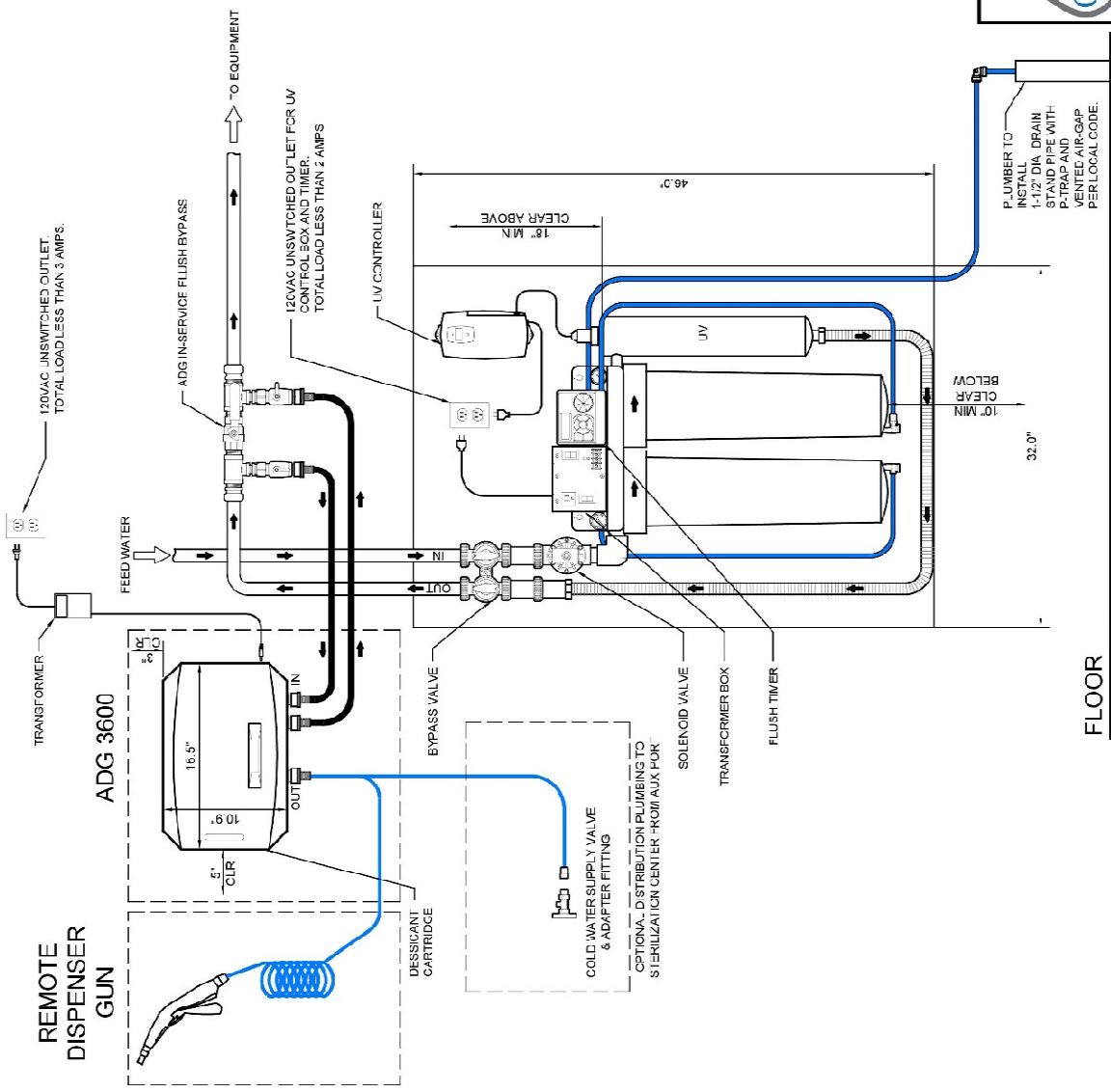
SCHEDULE C GENERAL PLUMBING FIXTURES

HOT WATER HEATER - SHUT OFF VALVE ADJACENT TO TEE
DRINKING WATER FAUCETS
DISH WASHER
ICE MAKER
UNIFORM WASHER
FURTHER WATER PROCESSING FOR INSTRUMENT WASHER, STERILIZER, AND AUTOCLAVE

COMPONENTS ARE SUPPLIED WITH SIX FOOT LONG ELECTRICAL CORDS WITH PLUGS
PLUMBER TO SUPPLY 3/4" THICK x 3 x 3 PLYWOOD SHEET



TITLE	MR-10E & ADG 3600		
DATE	04/27/19	SIZE	B
SCALE	DO NOT SCALE	REV	-
		SHEET	1 OF 1
		PART NO.	



FLOOR