

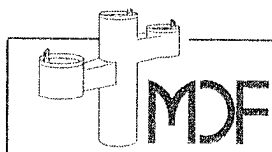
**MOST
DEPENDABLE
FOUNTAINS, INC.**

**MODELS:
400DB AND 400DBSS
*W/ HOSE BIBB & LOCK DOOR***

OPERATIONS MANUAL

**Most Dependable Fountains, Inc.
5705 Commander Drive
Arlington, TN 38002
800-552-6331
www.mostdependable.com**

6/2011



400 SERIES DRINKING FOUNTAIN SPECIFICATIONS

WATER QUALITY (LEAD FREE)

Section 9, California Proposition 6 and the Federal Safe Drinking Water Act. One piece weld construction with MDF standard 3/16" wall thickness.

■ **STANDARD PEDESTAL**

OR

■ **STAINLESS STEEL PEDESTAL**

One piece weld construction with MDF standard 304 schedule 10 stainless steel.

RECEPTOR BOWL

18 gauge electro-polished stainless steel bowl. Bowl overlaps pedestal, preventing build-up of residue in visual drinking area. Optional stainless steel Bowl Strainer recommended for areas with sand.

BUBBLER HEAD

Stainless steel anti-squirt head (weighing a pound and a half) mounted with a lock nut and washer to prevent tampering. Lock nut pin holds bubbler in locked position to prevent twisting or turning. The MDF bubbler head has a unique design that features a steady stream trajectory and a built in natural shield from contamination.

PUSH BAR

304 stainless steel with circumference exceeding 8.6". Mushroom style push bar overlaps and prevents sand and other objects from sticking push bar in the ON position. Stainless steel bubbler housing standard.

CONTROL VALVE

Requires less than 5 lbs to operate. Non-cartridge O-ring valve delivers steady stream of water through an adjustable valve. This valve design is to operate and function at 30 to 80 PSI. Ideal operating pressure is 60 PSI.

WATER SUPPLY (LEAD FREE)

Maintenance free reinforced nylobraid tubing that is NSF-61 certified. **This tubing is not plastic.** It is supplied with a 1/2" MIP threaded inlet with stainless steel strainer. Union fittings at every connection. Supply line stops above grade.

DRAIN

1 1/2" schedule 40 PVC pipe. Drain line stops above grade.

FINISH

Oven baked powder coat. Choice of colors are: □green, □blue, □black, □red, □yellow, □orange, □white and □chrome. Textured color choices: □emerald, □sapphire, □pyrite, □text-black, □burgundy, □gold vein, □copper and □sandstone. Stainless steel models are powder coated for added protection. The color □chrome is available for stainless steel models only.

ACCESS

Working parts accessible through bowl of fountain for easy service. Supply and waste connections are through the above grade access door. All access plates, brackets, vandal resistant bolts and screws are stainless steel.

INSTALLATION

Surface Mount installation, is designed to be anchored on top of an existing surface (concrete, etc.) with anchor bolts through a mounting plate that is welded to the fountain. Surface Mount Fountains provide an access door with vandal resistant stainless steel screws. Surface mount carrier recommended for all surface mount installations. Access door standard on all pedestal fountains.

Shut off water and drain down.

WINTERIZATION

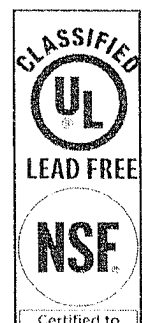
WARRANTY

One year warranty, labor not included.

SHIPPING WEIGHT

Model 400 SM.....	115 lbs	Model 400 SMSS.....	115 lbs	*Meets ADA for High and Low
Model 410 SM.....	110 lbs	Model 410 SMSS.....	110 lbs	
Model 440 SM*.....	130 lbs	Model 440 SMSS*....	130 lbs	
Model 493 SMSS*..	170 lbs	Model 493 SMSS*....	170 lbs	

MOST DEPENDABLE FOUNTAINS, INC.™
 (800) 552-6331 • (901) 867-0039 • Fax (901) 867-4008
 5705 COMMANDER DR. • ARLINGTON, TN 38002-0587
www.mostdependable.com

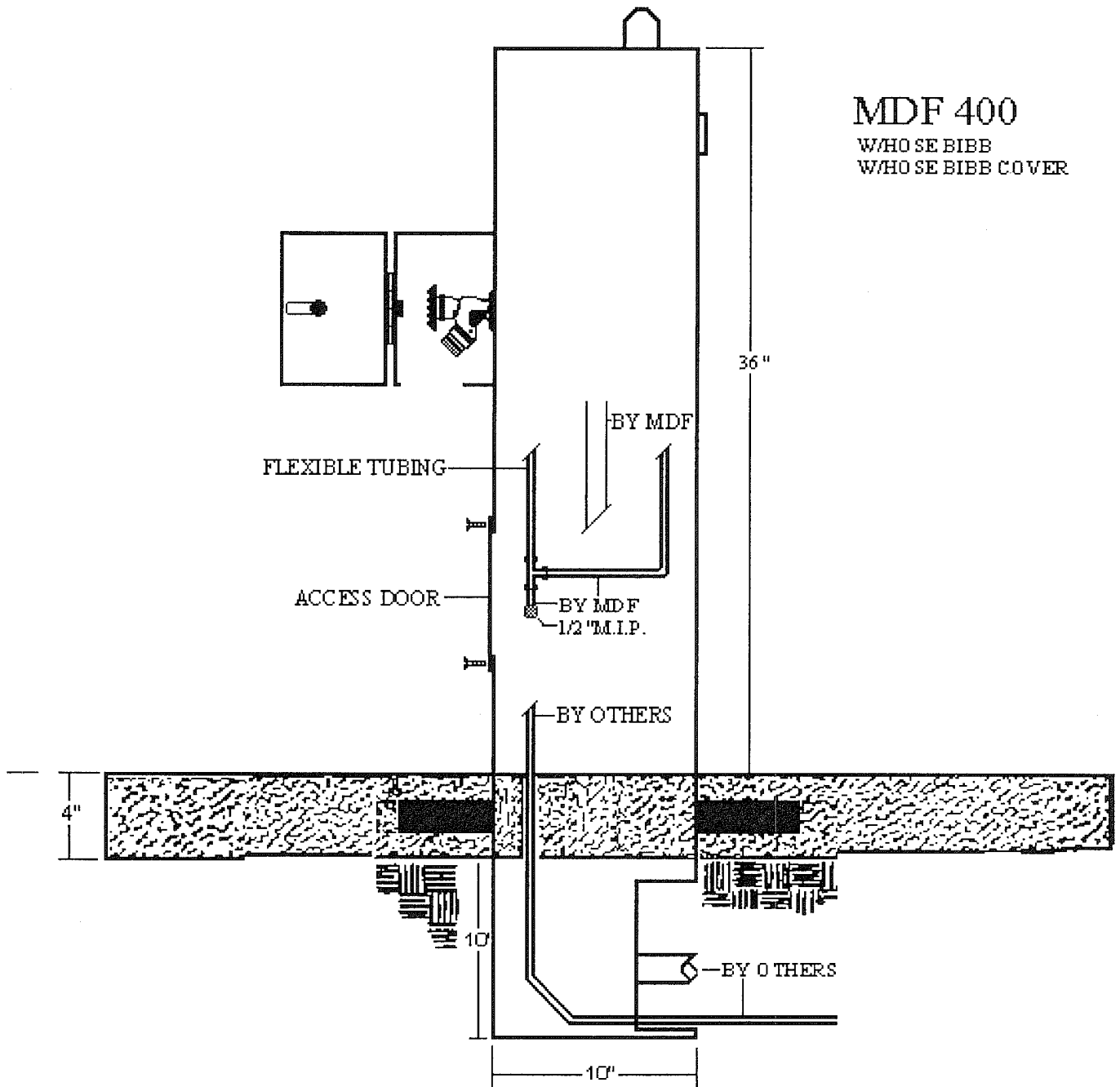




**MOSDEPENDABLE
FOUNTAINS**

MDF 400

W/HO SE BIBB
W/HO SE BIBB COVER



PARTS #	PART DESCRIPTION	QTY	NET
O-RING VALVE	O-ring SS Control Valve (less o-ring assembly)		
O-RING ASSEMBLY	O-ring Stem Assembly for O-ring SS Control Valve		
O-RING KIT	O-rings for O-ring assembly		
CONTROL VALVE	Control Valve (less cartridge)		
CARTRIDGE REPLACE	Cartridge #640128		
<u>NEW VALVE BODY III</u>	For all drinking fountains purchased as of 12-01-09		
VB III adjustable kit	Retro Fit Kit (to retro from O-ring valve & Assemble to VB III)		
<u>1/8 FR</u>	Flow Restrictor for NEW VALVE BODY III		
17-12794	Brass Hex Nut for Control Valve		
17-12792	Brass Retaining Ring		
32034SS	Stainless Steel ¼ x 1/8 Ball Seat Adapter		
<u>SAFE-STREAM REPLACE™</u>	Self Sealing Bubbler Head (patented)		
BUBBLER REPLACE	Bubbler Head Replacement for 400 Series Fountains		
PB HEAD REPLACE	Replacement Head for Model 200 only (not shown)		
PET HEAD	Bubbler Head Replacement for the Pet Fountain		
MDF-19	SS Bowl for all drinking fountains (except 800 series)		
STRAINER	SS Strainer for all drinking fountains with the MDF-19		
PET STRAINER	SS Strainer for the Pet Fountain		
STRAINER BOLT N	3/8-16x1 ½ SS Flat Head Torx Bolt with pin		
DRAIN GASKET	Drain Gasket #8268 Washer		
E-CLIP	5/8 E-Clip SS		
MUSHROOM PB	Mushroom Push Button (external)		
MDF-21 KIT	Stainless Steel Bottom Cover		
HB REPLACE 2	Hose Bibb Replacement/Woodford Hydrant w/VB		
RK-24	HB 2 (Repair Kit)		
305B-2-3	1/4" Whistle Valve (Jug Fillers & Showers & Pet Fountains)		
305B KIT	Whistle Valve Repair Kit (includes stem)		
305B KIT 2	Whistle Valve Repair Kit (o-rings & spring)		
METERED VALVE	Slow Closing Metered Valve		
METERED VALVE KIT	Repair Kit for Slow Closing Metered Valve		
<u>NEW VALVE BODY III</u>	For Jug Fillers, Showers and Pet Fountains as of 4/10/08		
RK-VB 3	Repair Kit for Valve Body III (spring, stem & 2 o-rings)		
SHOWER HEAD	Shower Head only		
516 DRIVER	5/16" Magnetic Driver with 1/4", 3/8" and ½" Pin Bits		
142038	¼-20x3/8 SS BH Torx Bolt with pin (for bottom cover)		
142058	¼-20x5/8 SS BH Torx Bolt with pin (for access door)		
3816112	3/8-16x1 ½ SSBH Torx Bolt w/pin (valve box & hose bibb cover)		
1213112	½-13x1 ½ SS Torx Bolt with pin (for SS templates)		
MDF-95	Bowl Sand Strainer (SS)		
SERVICE PARTS	Service Kit for 400 Series Ftns Δ #2 252.00 Δ #3 252.00		
ILS	In Line Water Strainer (for hoses)		
MISTER HEADS	Δ 1 GPH Δ 5 GPH		
MISTER HD STRAINER	Strainer for 1 GPH misting heads only		

HOSE #	LENGTH	QTY	NET	HOSE #	LENGTH	QTY	NET
# 1 hose	3/8 x 7 1/2			# 31 hose	3/8 x 24		
# 2 hose	3/8 x 12			# 32 hose	3/8 x 29		
# 3 hose	3/8 x 21			# 33 hose	3/8 x 8 1/2		
# 4 hose	3/8 x 26			# 34 hose	3/8 x 38		
# 5 hose	3/8 x 42			# 35 hose	1/4 x 30		
# 6 hose	3/8 x 48			# 36 hose	1/4 x 14		
# 7 hose	3/8 x 84			# 37 hose	1/4 x 120		
# 8 hose	3/8 x 112			# 38 hose	1/4 x 144		
# 9 hose	1/2 x 18 (NS=new style)			# 39 hose	1/4 x 132		
# 9 hose	1/2 x 72 (OS=old style)			# 40 hose	3/8 x 14		
# 10 hose	1/4 x 7 1/2			# 41 hose	1/2 x 14 (used w/kit-HB)		
# 11 hose	1/4 x 13			# 42 hose	3/8 x 44		
# 12 hose	1/4 x 26			# 43 hose	3/8 x 40		
# 13 hose	1/4 x 84			# 44 hose	1/2 x 36		
# 14 hose	3/8 x 16			# 45 hose	1/2 x 144		
# 15 hose	3/8 x 72			# 46 hose	1/2 x 12 1/2		
# 16 hose	3/8 x 10			# 47 hose	1/2 x 10		
# 17 hose	1/4 x 72			# 48 hose	1/4 x 5		
# 18 hose	1/2 x 18			# 49 hose	1/4 x 10		
# 19 hose	1/4 x 16			# 50 hose	3/8 x 18		
# 20 hose	3/8 x 30			# 51 hose	1/2 x 60		
# 21 hose	3/8 x 31			# 52 hose	1/4 x 6 1/2		
# 22 hose	3/8 x 13			# 53 hose	1/2 x 72		
# 23 hose	3/8 x 34						
# 24 hose	1/4 x 8						
# 25 hose	1/4 x 21						
# 26 hose	1/4 x 9						
# 27 hose	1/4 x 20						
# 28 hose	1/4 x 12						
# 29 hose	1/4 x 17						
# 30 hose	1/4 x 42						

Installation Instructions for M.D.F. Products

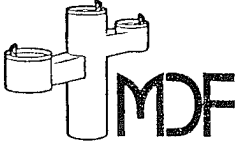
All DB (direct bury) products are designed to be installed to a depth of 14" below grade. MDF provides 1 1/2" PVC drain line inside the pedestal to point of connection by others. MDF also provides reinforced nylobraid flexible tubing with a 1/2" male iron pipe thread for connection to water supply by others. MDF recommends an optional attached valve box. By using this option you have complete control of your product. The water line can be repiped thru the attached valve box. If you do not use our attached box, we recommend an unattached valve box. When using the unattached valve box, we recommend using a PVC conduit from the valve box to the pedestal. This would allow you to repipe the water line without breaking concrete or digging up the water supply line.

All SM (surface mount) products are designed to be installed on the surface of a new or existing concrete slab. Your contractor needs to provide a 1 1/2" PVC drain line and water line thru finish grade. Connections are made to our SM products thru our access door, as shown on detail drawings. The water tubing is provided with a 1/2" male iron pipe connection. This is an excellent location for a cutoff valve. Surface Mount fountains are anchored to the existing concrete by means of 1/2" concrete shields w/bolts or we recommend 1/2" quick bolts.

Note: We offer an optional template which is designed to be poured in the concrete slab. It comes with the necessary vandal resist SS bolts and washers needed to anchor.

Individual detail drawings available by request.

For more information contact: **MOST DEPENDABLE FOUNTAINS, Inc.**
5705 Commander Drive
Arlington, TN 38002
800-552-6331
901-867-0039 fax 901-867-4008



**MOST DEPENDABLE
FOUNTAINS, INC**

5705 Commander Dr. • PO Box 587

Arlington, Tennessee 38002-0587

800-552-6331 • 901-867-0039 • Fax 901-867-4008

www.mostdependable.com

MOST DEPENDABLE FOUNTAINS, INC.

LIMITED WARRANTY

Most Dependable Fountains warrants that all of its products are guaranteed against defective material or poor workmanship for a period of one year from date of shipment. Most Dependable Fountains liability under this warranty shall be discharged by furnishing without charge any goods, or part thereof, which shall appear to the Company upon inspection to be of defective material or not of first class workmanship. Most Dependable Fountains will not be liable for the cost of repairs, alterations or replacements, or for any expense connected therewith made by the owner or his agents. Most Dependable Fountains will not be liable for any damages caused by defective materials or poor workmanship, except for replacements, as provided above. Buyer agrees that Most Dependable Fountains has made no other warranties either expressed or implied in addition to those above stated. The drinking fountain manufactured by Most Dependable Fountains is warranted to function if installation and maintenance instructions provided are adhered to. The units also must be used for the purpose for which they were intended.

**NO OTHER WARRANTIES EXPRESSED OR IMPLIED ARE AUTHORIZED,
PROVIDED OR GIVEN BY MOST DEPENDABLE FOUNTAINS.**