

TRUFLOTM

TF500 2" Blow-off

*Replace your two valve box blow-off
and never dig again!*

2" MIP Outlet
with
protective cap

9/16" Square
operating nut

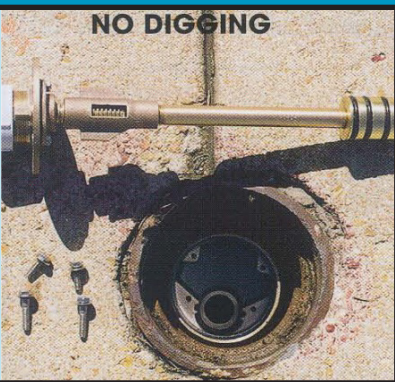
Operate and Maintain from one
5 1/4" Valve Box!

Dual-channel
valve provides
higher flow

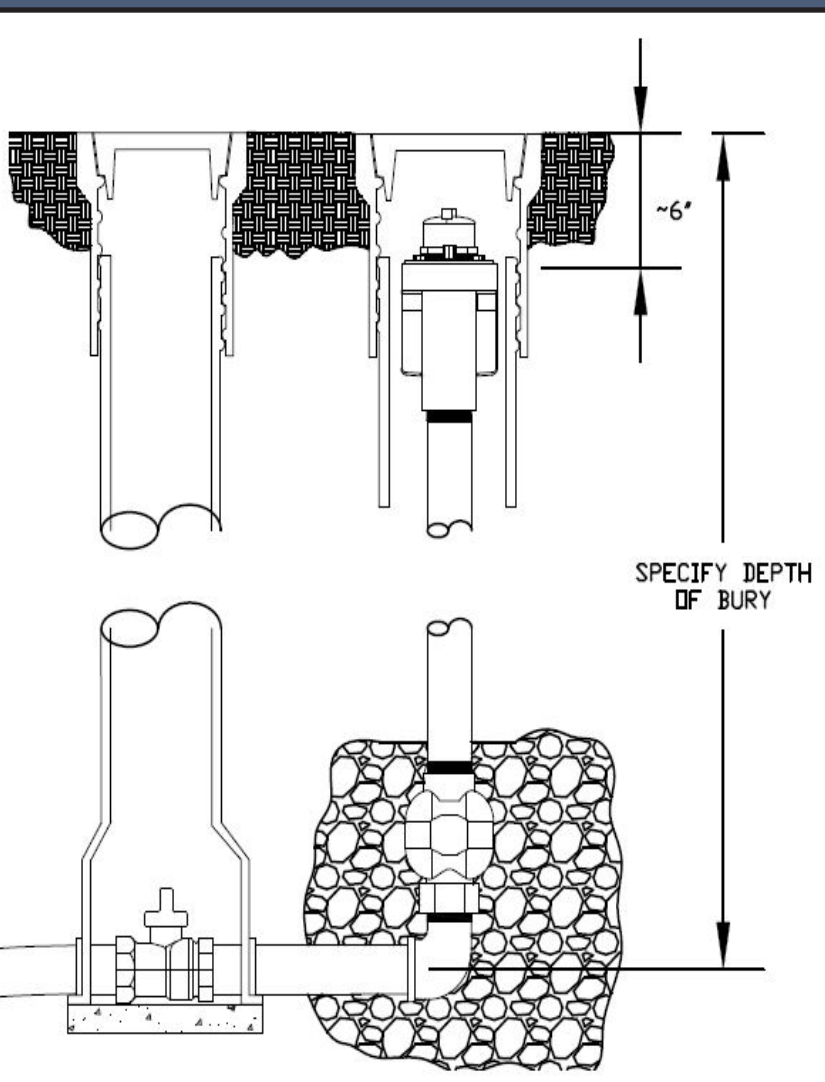
Fully removeable
and maintainable
from above ground



Kupferle
800-231-3990
www.hydrants.com



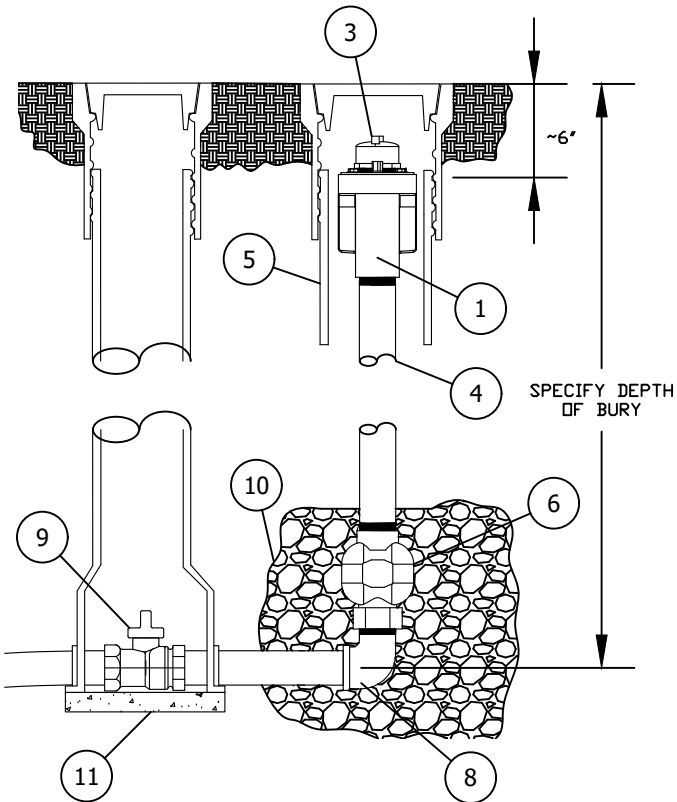
*Compact unit is
easy to install and
maintain - never dig!*



- 2" FIP Vertical Inlet (Horizontal also available)
- 2" MIP outlet (riser sold separately)
- Entire unit fits inside 5 1/4" valve box
- All brass option available
- Fully serviceable from above ground
- Self-draining, non-freezing



TRUFLO TF-500 SPEC SHEET



TRUFLO TF-500 BELOW GRADE BLOW-OFF HYDRANT SHALL BE SELF-DRAINING, NON-FREEZING TYPE WITH A ' DEPTH OF BURY. HYDRANT SHALL BE FURNISHED WITH A 2" VERTICAL (SHOWN) OR HORIZONTAL FIP INLET CONNECTION, A NON-TURNING OPERATING ROD AND SHALL OPEN TO THE LEFT. OUTLET SHALL BE 2" MIP WITH PLUG AND BE HOUSED IN A STANDARD 5-1/4" VALVE BOX. ALL WATER FLOW SHALL PASS THRU A 2" STEEL PIPE AND CAST LOW LEAD BRASS WATERWAY. THE OPERATING DRIVE MECHANISM SHALL RAISE AND LOWER A PLUNGER TO CONTROL THE FLOW OF WATER AND SHALL BE SERVICEABLE FROM ABOVE GROUND WITH NO DIGGING OR REPLACEMENT NEEDED. SAID OPERATING DRIVE SHALL OPERATE WITH A 5/16" SQUARE DRIVE WRENCH. WHEN OPEN THE FLOW OF WATER SHALL BE UNOBSTRUCTED AND THE DRAIN HOLE SHALL BE COVERED.

HYDRANT SHALL BE SET IN 4 CUBIC FEET OF CRUSHED STONE TO ALLOW FOR PROPER DRAINAGE OF HYDRANT. RECOMMENDATION OF THE AWWA SHOULD BE FOLLOWED WHEN INSTALLING THE HYDRANT.

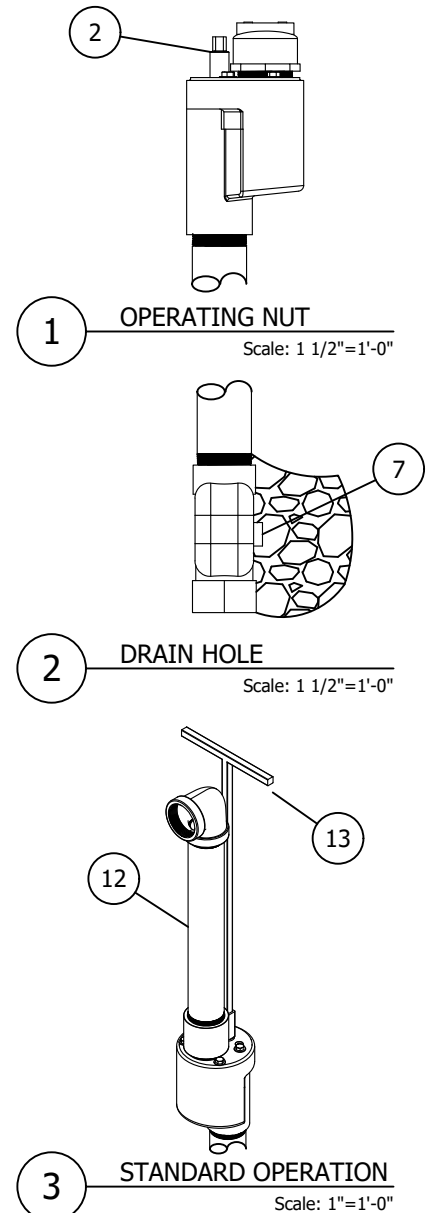
THE TRUFLO TF-500 BELOW GRADE BLOW-OFF HYDRANT AS MANUFACTURED BY THE KUPFERLE FOUNDRY, ST. LOUIS MO. 63102 OR APPROVED EQUAL.

TRUFLO TF-500 MANUAL BLOW-OFF HYDRANT SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS:

ITEM	ITEM / DESCRIPTION	NOTES
1	TOP CAP	
2	9/16" OPERATING SCREW	
3	2" MIP OUTLET	SHOWN CAPPED
4	2" STEEL PIPE	
5	METER BOX	BY OTHERS
6	INLET VALVE	
7	DRAIN HOLE	
8	90° STREET ELBOW	BY OTHERS
9	HYDRANT SHUT-OFF VALVE	BY OTHERS
10	CRUSHED ROCK	BY OTHERS
11	SOLID CONCRETE BLOCK	BY OTHERS
12	RISER PIPE	OPTIONAL
13	OPERATING SCREW WRENCH	OPTIONAL

NOTES:

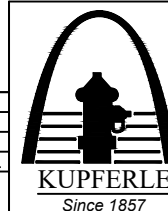
- 1.) PIPING BY OTHERS
- 2.) KUPFERLE RECOMMENDS USAGE OF A RISER PIPE AND A VALVE WRENCH.



DD/MM/YY	ISSUED FOR ...
DATE	STATUS / REVISION

	INITIALS	DATE
DRAWN	DCL	12/11/17
APPROVED	DCL	12/11/17
MODIFIED	KJW	06/29/21
	SCALE	1"=1'-0"

TF-500 TRUFLO (VERTICAL INLET) SPEC SHEET



2511 NORTH 9TH STREET
ST. LOUIS, MO 63102
1-800-231-3990
FAX 314-231-2820
www.hydrants.com

SHEET 1 OF 1

#TF-500 CUT SHEET

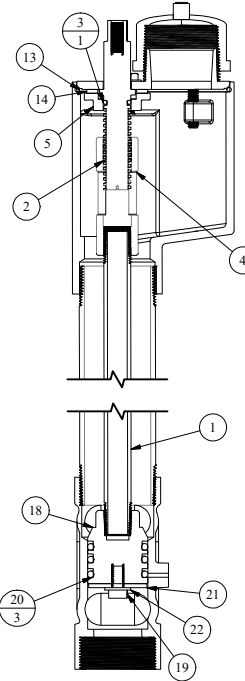
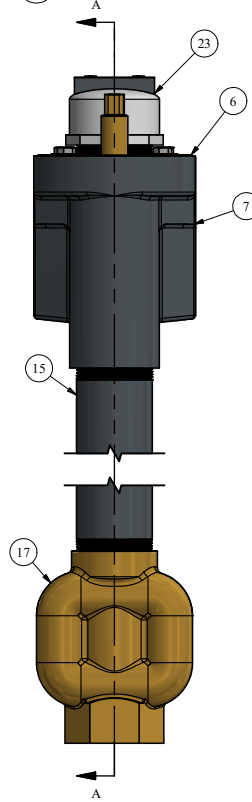
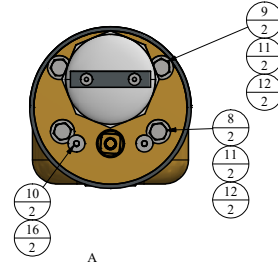
TOP STOCK ASSEMBLY VIEW

PARTS LIST

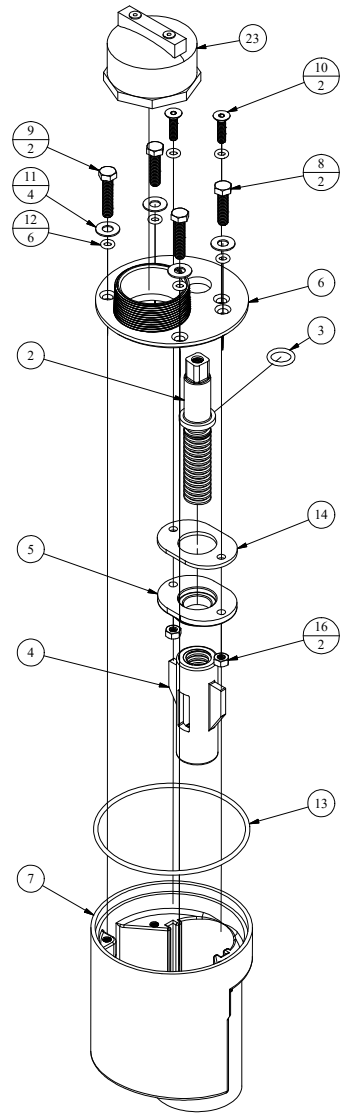
ITEM	QTY	PART NUMBER	DESCRIPTION	NOTES
1	20.000 in	1/2P	1/2" STEEL PIPE	
2	1	10204	BRASS TRUFLO OPERATING SCREW	
3	1	10220	O-RING FOR TRUFLO OPERATING SCREW	C
4	1	10241	BRASS CONNECTING NUT	C
5	1	10500	BRASS WASHER	C
6	1	10501	BRASS LID WITH NOZZLE	C
7	1	10502	IRON HEADSTOCK	
8	2	10505	SHORT BOLT FOR LID	
9	2	10506	LONG BOLT FOR LID	
10	2	10507-B	SOCKET BOLT FOR TRUFLO OPERATING SCREW	
11	4	10508	WASHER FOR LID BOLTS	
12	6	10509	O-RING FOR LID BOLTS	
13	1	10510	O-RING FOR LID	C
14	1	10511	GASKET FOR TRUFLO OPERATING SCREW	C
15	18.000 in	2P	2" STEEL PIPE	B,C
16	2	345-N-500	NUT FOR SOCKET BOLT	
17	1	57V	DUAL PORT STRAIGHT VALVE	C
18	1	57V-PLUNGER	PLUNGER	
19	1	77C	SEAT RUBBER BOLT	
20	3	77D	PLUNGER O-RING	C
21	1	77I	SEAT WASHER	C
22	1	77W	WASHER FOR PLUNGER	
23	1	X10504	PLASTIC NOZZLE CAP COMPLETE	

OPTIONAL / REPAIR PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION	NOTES
24	0	1/2BP	1/2" BRASS PIPE	A,B,C
25	0	X10501A	TRUFLO BRASS LID WITH EXTENSION	
26	0	10502-B550	TF500 BRASS HEADSTOCK	A
27	0	2BP	2" BRASS PIPE	A,B,C
28	0	58V	DUAL PORT SIDE INLET VALVE	
29	0	ZTF500W-24	24" OPERATING WRENCH	A
30	0	ZTF500W-36	36" OPERATING WRENCH	A
31	0	ZTF500W-6	6" OPERATING WRENCH	A



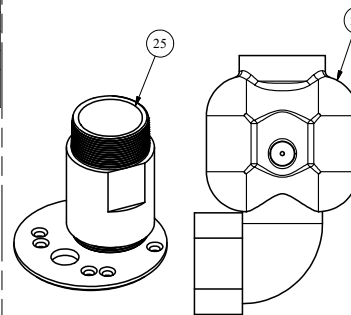
SECTION A-A
CENTER SECTION VIEW



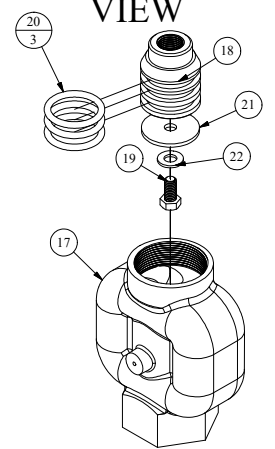
REPAIR KITS

PART NUMBER	DESCRIPTION	PARTS INCLUDED
X10204	TRUFLO BRASS TOP SCREW COMPLETE	10204 SCREW (1), 10220 O-RING (1)
X10504	PLASTIC NOZZLE CAP COMPLETE	10504 CAP (1), 93-G SQUARE ROD (1), 66S63 RIVET (2)
X57RK	TRUFLO REPAIR KIT	77D O-RING (3), 77I SEAT WASHER (1), 77W WASHER (1), 57V-PLUNGER PLUNGER (1), 77D O-RING (3), 77I SEAT WASHER (1), 77W WASHER (1), 77C BOLT (1)
X57V-PLUNGER	TRUFLO PLUNGER COMPLETE	

OPTIONAL PARTS



VALVE ASSEMBLY VIEW



LEGEND

- (X) → STANDARD TAG
- (X/Y) → TAG WITH Y QUANTITY

NOTE	DESCRIPTION
A	NOT SHOWN
B	PIPE LENGTH DEPENDENT ON DEPTH OF BURY
C	SOLD AS REPLACEMENT PART

DISCLAIMER:
THIS DRAWING IS THE PROPERTY OF THE KUPFERLE FOUNDRY COMPANY. IT IS NOT TO BE USED OR DUPLICATED WITHOUT THE PERMISSION OF THE OWNER.

DRAWN	SMS	8/29/2017
CHECKED	DCL	2/8/2018
MODIFIED	KJW	8/25/2020

SIZE	SCALE
C	1 / 3

DWG NO	#TF-500 Cut_Rev1.1
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SHEET	REV
1 OF 1	1.2