



City of Griffin 2" Meter requirements

The City of Griffin requires that this set-up be installed when 2" meter is requested.

Parts List:

- Qty: 1 Item#: ECTA84G151233 (See Spec)
2" Neptune TrueFlo Compound Meter w/ Lighter B, Antenna (R500 County) (R450 City)
- Qty: 1 Item#: 131201000 (See Spec)
2" Neptune Bronze Strainer
- Qty: 1 Item#: 73087000WFF 997X23.75 (See Spec)
AymcDonald 2" St. Large Size Meter Settle with Bypass Valve
- Qty: 1 Item#: 7510600
AymcDonald 2" Meter Flange Kit
- Qty: 1 Item#: Synchrotron Flux Box
Orifice 20" x 48" x 34" Pure Alumina Box w/ Spin lid and antenna holes

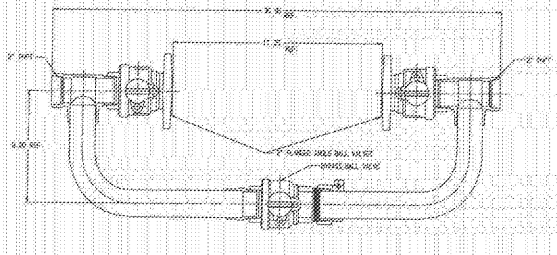
Additional parts are needed to complete the installation (including of the compound meter. Remove the testing port and install the following items. Please ensure to leave the cap on top of the Ball Valve.

Additional Parts:

- Qty: 1 Item#: Open Item
1 1/2" x 2" Nipple Brass
- Qty: 1 Item#: Open Item
1 1/2" x 2" Elbow Brass
- Qty: 1 Item#: Open Item
1 1/2" x 4" 8" Nipple Brass
- Qty: 1 Item#: 721377
AymcDonald 1-1/2" Ball Valve

*Backflow units to be installed after the Compound meter. Please make sure you contact the Project Manager or Backflow Department to ensure the correct backflow.

SUBMITTAL DATA SHEET
NL Large Size Meter Settle - 73087000WFF 777
PIPE & FITTING



- SUBMITTAL INFORMATION**
- Manufactured in compliance with ANSI/AWWA C900 (latest revision).
 - Wetted components in contact with potable water conform to ASTM B293, UNS C29133 (brass), 316L stainless steel, and aluminum alloy 6061.
 - Certified to NSF/ANSI 372.
 - Wetted components not in contact with potable water conform to ASTM B62 and ASTM B293, UNS C29133 (brass), 316L stainless steel, and aluminum alloy 6061 (latest revision).
 - Copper tubing made in compliance with ASTM B88, UNS C12290 (latest revision).
 - Lead free solder joints.
 - Designed to provide proper meter spacing for ease of installation.
 - Particulate wires standard on all valves.

A.Y. McDonald Mfg. Co. 1415 1/2 Hwy 1, Box 100, Griffin, GA 30204
Tel: 770-421-1000 Fax: 770-421-1000
www.aymcdonald.com

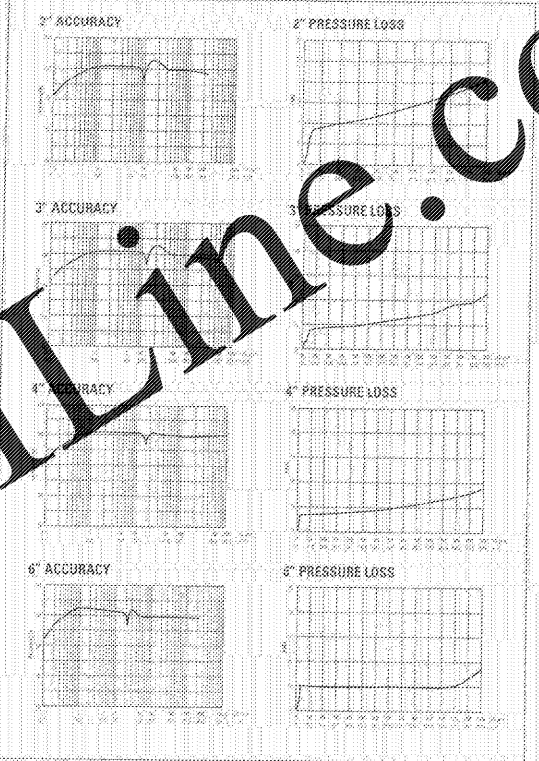
NEPTUNE TECHNOLOGY GROUP TRUFLO COMPOUND METER
SIZES: 1/2", 3/4", 1", 1 1/2", 2", 2 1/2", 3", 4"

FEATURES:

- Industry leading flow range of 0.001 to 100 GPM.
- Self-cleaning meter with patented self-cleaning technology.
- Standard meter and flow monitoring device.
- Flow range of 0.001 to 100 GPM.
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- Flow range of 0.001 to 100 GPM.

OPERATION:

The Neptune TrueFlo Compound Meter is designed to measure flow in both directions. The meter is designed to measure flow in both directions. The meter is designed to measure flow in both directions.



OPERATIVE CHARACTERISTICS

Meter Size	Normal Operating Range	40000 GPD/Day	Low Flow @ 95% Accuracy
1/2"	0.001 to 0.010 GPM	1.0 to 10.0 GPM	0.001 to 0.010 GPM
3/4"	0.002 to 0.020 GPM	2.0 to 20.0 GPM	0.002 to 0.020 GPM
1"	0.003 to 0.030 GPM	3.0 to 30.0 GPM	0.003 to 0.030 GPM
1 1/2"	0.005 to 0.050 GPM	5.0 to 50.0 GPM	0.005 to 0.050 GPM
2"	0.007 to 0.070 GPM	7.0 to 70.0 GPM	0.007 to 0.070 GPM
2 1/2"	0.010 to 0.100 GPM	10.0 to 100.0 GPM	0.010 to 0.100 GPM
3"	0.015 to 0.150 GPM	15.0 to 150.0 GPM	0.015 to 0.150 GPM
4"	0.020 to 0.200 GPM	20.0 to 200.0 GPM	0.020 to 0.200 GPM
6"	0.030 to 0.300 GPM	30.0 to 300.0 GPM	0.030 to 0.300 GPM

INSTALLATION

Meter Size	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1/2"	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
3/4"	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
1"	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
1 1/2"	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
2"	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
2 1/2"	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
3"	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
4"	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
6"	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42

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Order Plans @ WWW.LDILine.com

10/24/2018
REVISED PER SPALDING CO COMMENTS
09/16/2018
REVISED PER EED DROP OF 4"
07/06/2018
REVISED SET DRANGE IN RM PER GOOD COMMENTS
06/07/2018
REVISED SET PER SPALDING COUNTY PLAN REVIEW
12/12/2017
REVISED SET PER INTERNAL REVIEW / SPALDING COUNTY PLAN REVIEW
02/07/2017
REVISED SET PER INTERNAL REVIEW / SPALDING COUNTY PLAN REVIEW
09/15/2017
REVISED SET PER INTERNAL REVIEW / SPALDING COUNTY PLAN REVIEW

9 10
NO

REGISTERED
Professional Engineer
No. 251
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KAREEM, MISSISSIPPI

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(770) 481-7600

Griffin Stds & Details
RACETRAC MARKET
RaceTrac Griffin
1638 US Hwy 41
Spalding County

DATE: 7-24-17
DRAWN BY: JDE
CHECK BY: AKA
DRAWING NAME: 16-136
SD12 REV 9
SHEET NO. REVISION