

BRODZ SALES & ENGINEERING CO.
10751 Indian Head Industrial Blvd.
St. Louis, MO 63132
PH: (314) 890-8201
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AC Pump
8200 N. Austin
Morton Grove, IL 60063
PH: (847) 966-3700

Fire Pump Test

Location:	Webster University - ISB	Contractor:	Ahern	Date:	6/26/2017
Address:	8274 Big Bend Blvd	City:	Webster	State:	MO
				Zip:	63119

Pump	Fire Pump	AC	Model:	8100	Serial #	17-078136-01-01/QKZ959
	Manufacturer:					
	Size:	8X6X12F-S	Rated GPM:	1000	Rated Head:	55 PSI

Driver	Drive	Electric	X	Manufacturer:	WEG	HP:	40	RPM:	1775
		Diesel							
	Model:	040180P3EFP324TS	Serial #	01JUN2016 1032424340	Voltage	460	FLA	49.4	

Controller	MFG	EATON	Model:	FT70-40-D-L1-USB	Serial #	16D2695E	Voltage	480	AIC	100K
	JOCKEY MFG	EATON	Model:	XTJP-G02-L1	Serial #	16D2695J	Voltage		AIC	50K

Pump Test Results

DRIVER		PUMP PRESSURE				NOZZLE SIZE - PRESSURE - GPM						TOTALS	
VOLTS	AMPS	RPM	SUCT	DISC	NET	1	2	3	4	5	6	GPM	%
475	30	1789	78	145	67	AT SHUT OFF						0	0
476	29												
476	29												
474	39	1783	70	130	60	1-3/4	1-3/4	1-3/4	1-3/4	1-3/4	1-3/4	502	50
474	37					32	0	0	0	0	0		
476	39					502	0	0	0	0	0		
473	49	1782	48	103	55	1-3/4	1-3/4	1-3/4	1-3/4	1-3/4	1-3/4	1004	100
473	47					32	32	0	0	0	0		
475	48					502	502	0	0	0	0		
474	55	1776	10	52	42	1-3/4	1-3/4	1-3/4	1-3/4	1-3/4	1-3/4	1504	150
474	53					18	18	18	18	0	0		
476	54					376	376	376	376	0	0		

Jockey Pump Pressure (PSIG) Fire Pump Pressure (PSIG)

ON	120	OFF	135	ON	110	OFF	135		Manual Stop
								X	Automatic Stop @ 10 Minutes

Manual Starts		Automatic Starts		Other:
Normal	5	Emerg	4	
		Normal	4	
		Emerg	3	

Personnel at Test	Comments
Steve Summers - Ahern Liz Kelly - Ahern Dan Wagoner - Guarantee Electric Steve Carey - Brodz / AC Fire Pump	
	Submitted By: Steve Carey

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