



TYPHOO	DIAPHRAGM BOOSTER PUMP	PRODUCT NAME	DIAPHRAGM BOOSTER PUMP
FILE NO- 1	PRODUCT SPECIFICATION	PRODUCT MODEL	TP-75/TP-100/TP-150/TP-300

AAR GEE ENTERPRISES

Sr. NO	PROJECT	INDEX LIMIT	
1	APPLICABLE WATER TEMPERATURE	5 ~45°C	
2	WORKING TEMPERATURE	5 ~60°C	
3	RATED VOLTAGE - VDC	24 V DC	
4	INLET PRESSURE (PSI)	2 ~ 30 PSI	
5	WORKING PRESSURE (PSI)	70 PSI	
6	WORKING CURRENT (AMP)	TP-75	≤1.10
		TP-100	≤1.25
		TP-150	≤1.50
		TP-300	≤2.30
7	WORKING FLOW(ML/MIN)	TP-75	≥800
		TP-100	≥1100
		TP-150	≥1400
		TP-300	≥2000
8	CLOSED PRESSURE (PSI)	TP-75	110~150
		TP-100	110~150
		TP-150	110~150
		TP-300	110~150
9	MAXIMUM CURRENT (AMP)	TP-75	≤1.50
		TP-100	≤1.60
		TP-150	≤2.00
		TP-300	≤3.00
10	INLET OR OUTLET PORT SIZE	TP-75	3/8 BSP
		TP-100	3/8 BSP
		TP-150	3/8 BSP
		TP-300	3/8 BSP

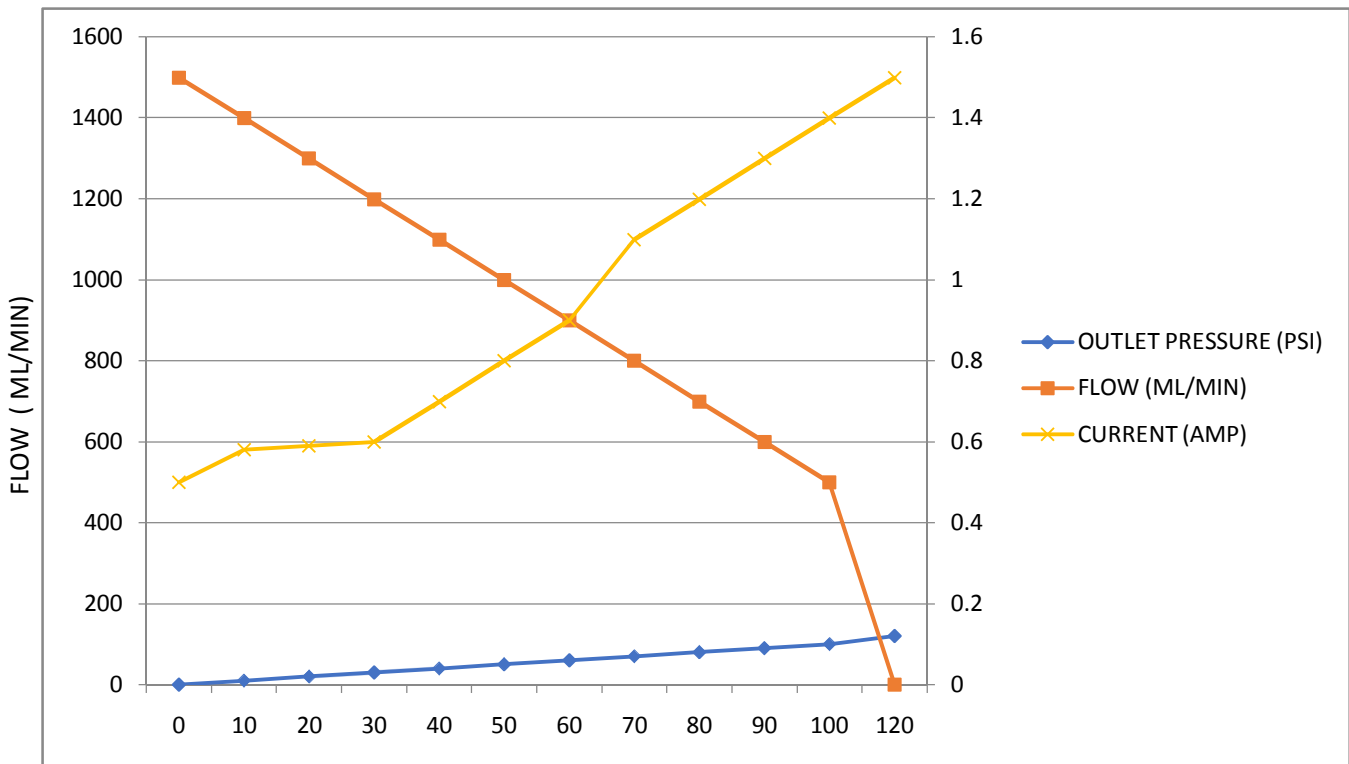
NOTE ; THE WATER PUMP IS TURNED ON AFTER 5 MINUTES OF NORMAL OPERATION



PRESSURE, FLOW, CURANT GRAPHS AND PARAMETERS

TP-75 GPD

FILE NO -2



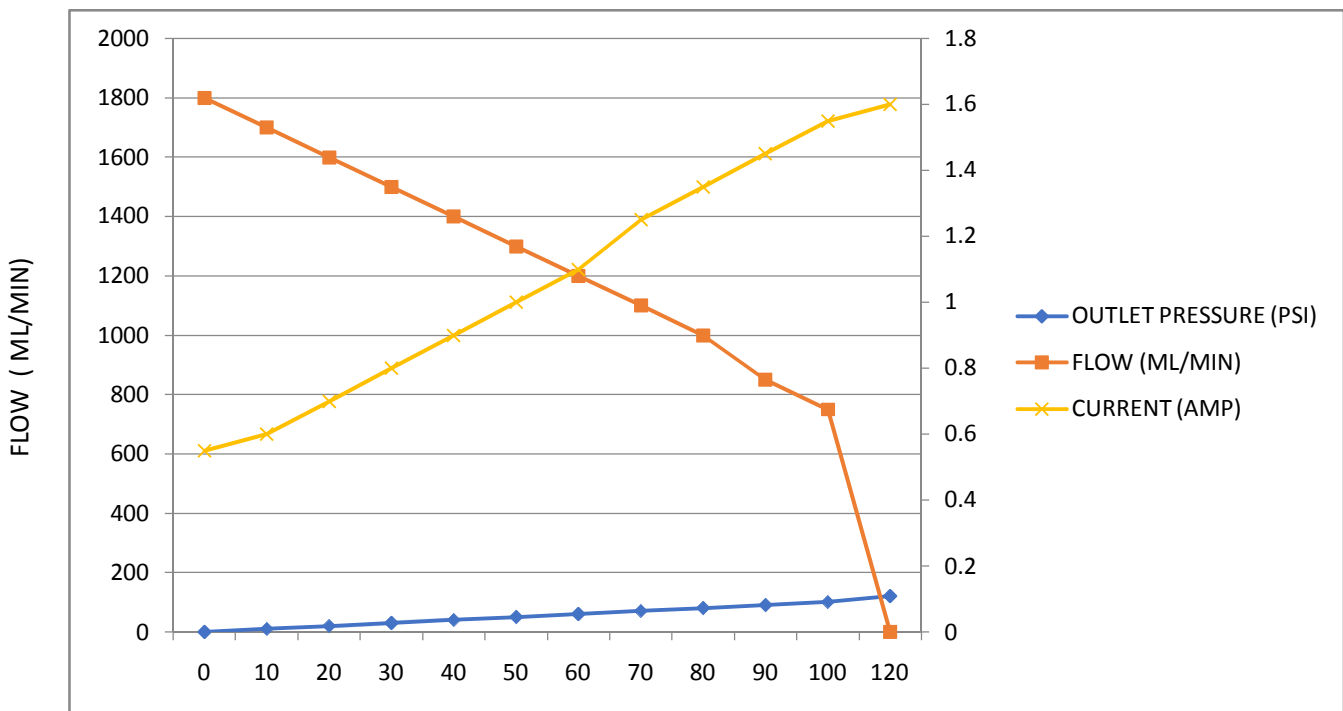
OUTLET PRESSURE (PSI)	0	10	20	30	40	50	60	70	80	90	100	120
FLOW (ML/MIN)	1500	1400	1300	1200	1100	1000	900	800	700	600	500	0
CURRENT (AMP)	0.5	0.58	0.59	0.6	0.7	0.8	0.9	1.1	1.2	1.3	1.4	1.5



PRESSURE, FLOW, CURANT GRAPHS AND PARAMETERS

TP-100 GPD

FILE NO -3



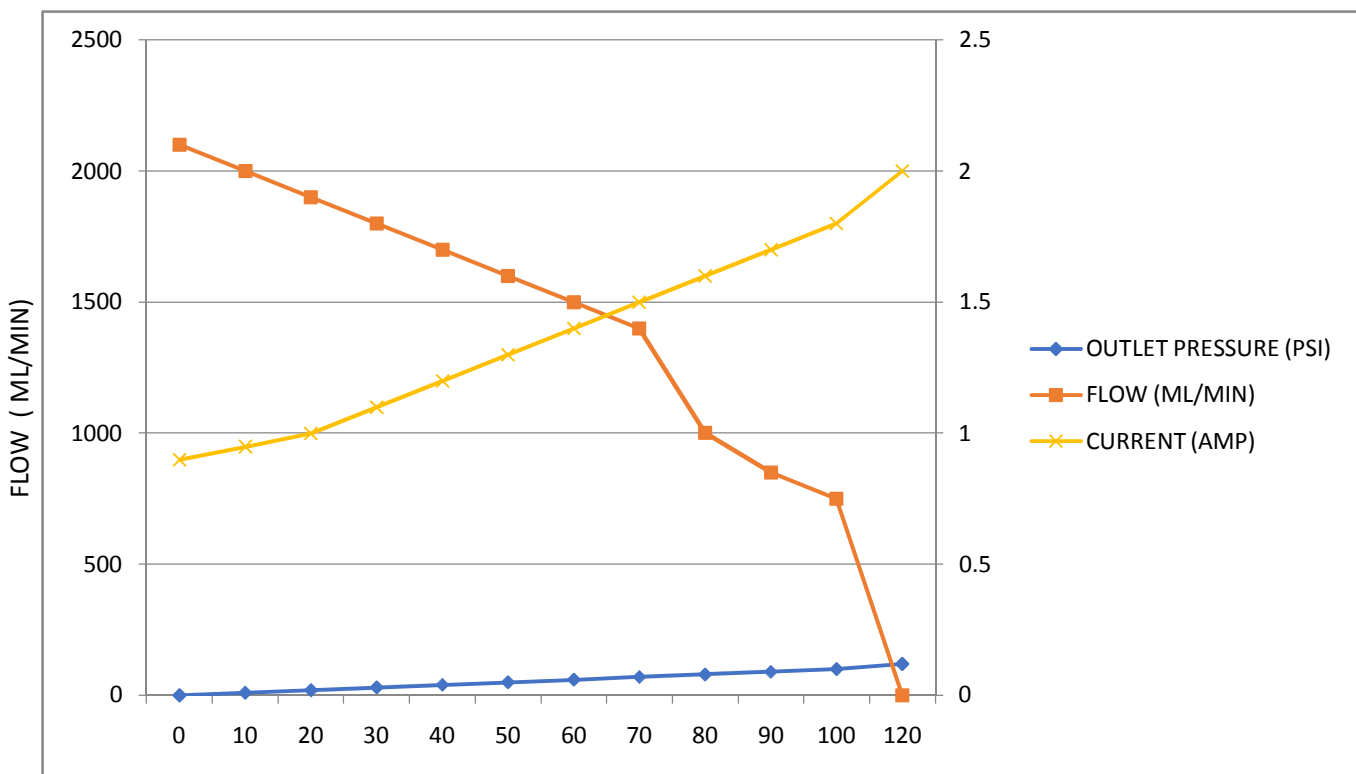
OUTLET PRESSURE (PSI)	0	10	20	30	40	50	60	70	80	90	100	120
FLOW (ML/MIN)	1800	1700	1600	1500	1400	1300	1200	1100	1000	850	750	0
CURRENT (AMP)	0.55	0.6	0.7	0.8	0.9	1	1.1	1.25	1.35	1.45	1.55	1.6



PRESSURE, FLOW, CURANT GRAPHS AND PARAMETERS

TP-150 GPD

FILE NO -4



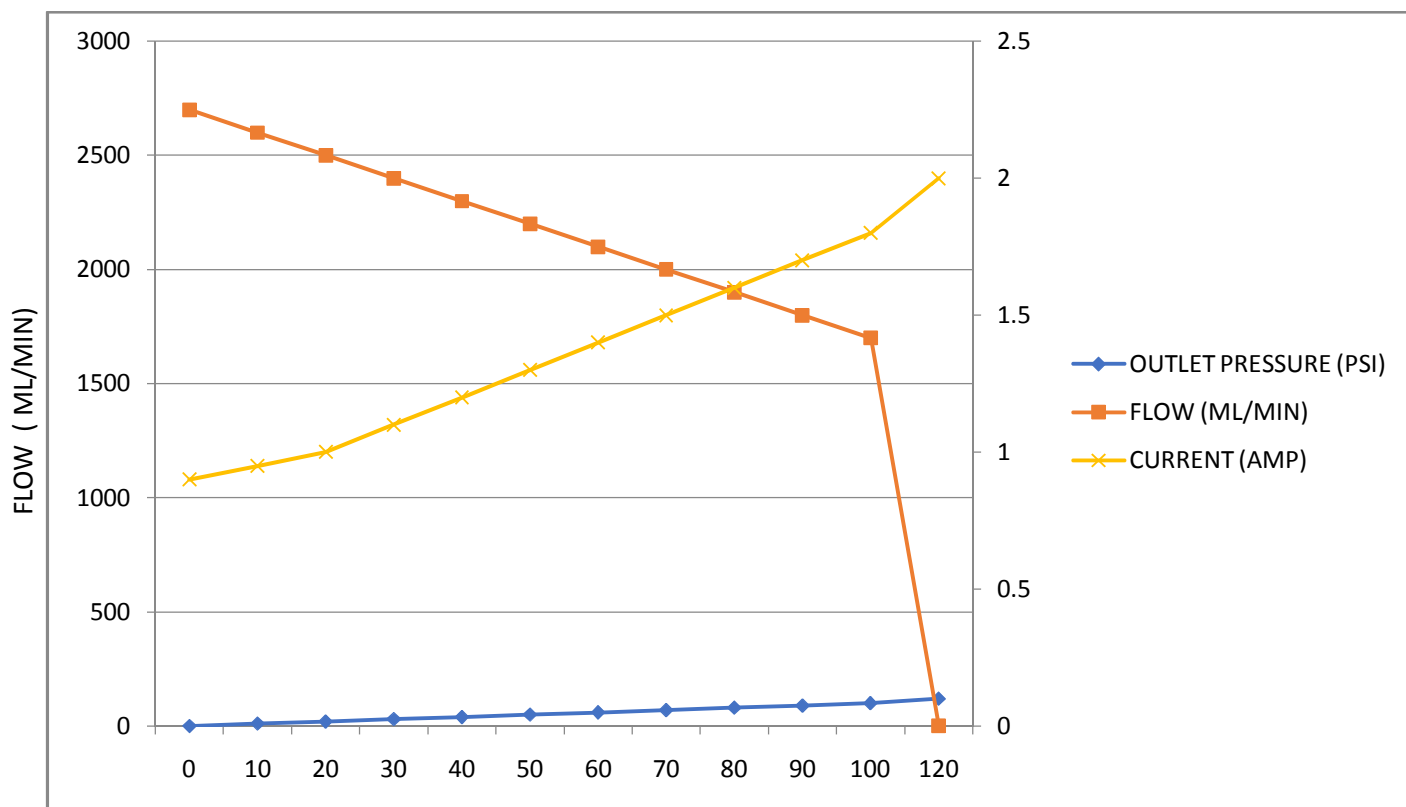
OUTLET PRESSURE (PSI)	0	10	20	30	40	50	60	70	80	90	100	120
FLOW (ML/MIN)	2100	2000	1900	1800	1700	1600	1500	1400	1000	850	750	0
CURRENT (AMP)	0.9	0.95	1	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.0



PRESSURE, FLOW, CURANT GRAPHS AND PARAMETERS

TP-300 GPD

FILE NO -5



OUTLET PRESSURE (PSI)	0	10	20	30	40	50	60	70	80	90	100	120
FLOW (ML/MIN)	2700	2600	2500	2400	2300	2200	2100	2000	1900	1800	1700	0
CURRENT (AMP)	0.9	0.95	1	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2

DIAPHRAGM BOOSTER PUMP WORKING

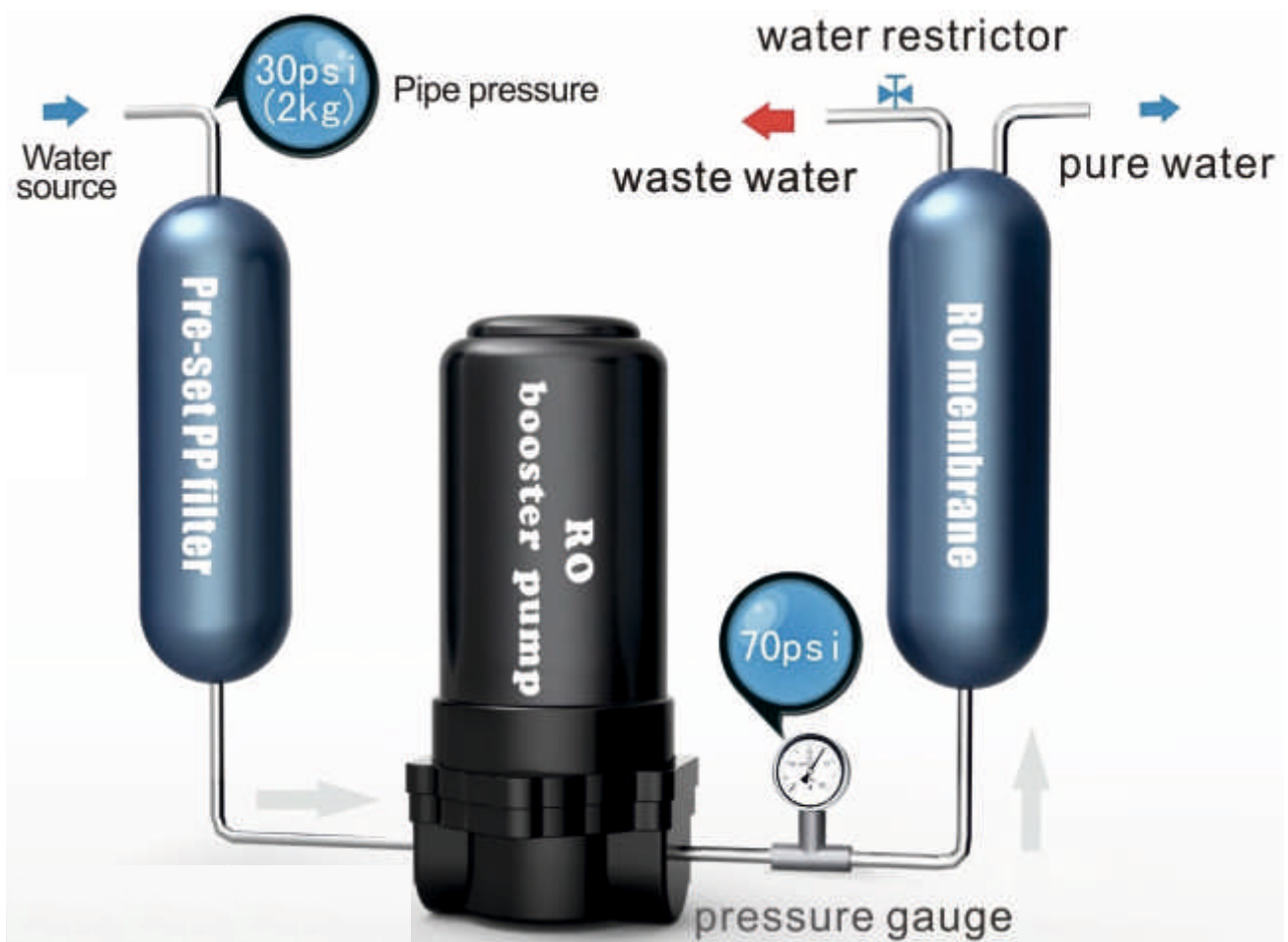


Diagram of how Diaphragm Booster Pump works

APPLICATIONS

- Suitable for Domestic RO water purifier.
- For other applications, please kindly contact

Typhoo .