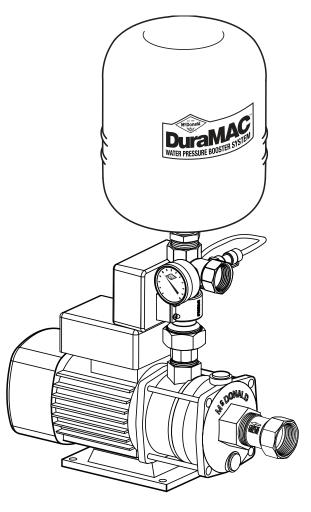


Dura MAC Water Pressure Booster System

17040C035PC2, 17062C035PC2, 17078C035PC2 **Water Pressure Booster Systems**



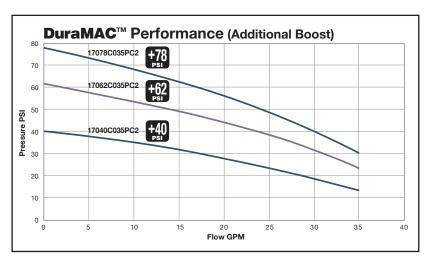
Features

- Water Pressure Boosting System for irrigation or light commercial use
- Easy Set-up and Installation
- Digital Control with three modes of operation
- Durable Stainless Steel and No-Lead **Brass Connections**
- Two Gallon Pressure Tank
- TEFC Single Phase Motor for quiet operation
- Electronics separated and sealed from waterway
- Pressure Gauge Included
- No-Lead Brass Check Valve Included
- **Dry-Run Protection**

Materials of Construction

Impellers Pump Casing Inlet Pump Casing Outlet Pump Seal (stationary) Pump Seal (rotating) Diffuser Suction Check Valve Pump Controller

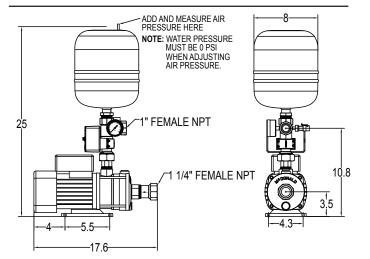
304 Stainless Steel 301 Stainless Steel 301 Stainless Steel Silicon Carbide Carbon / NBR 304 Stainless Steel No-Lead Brass No-Lead Brass



Specifications

DuraMAC™ Model	Pump Boost	Amps	Voltage	Power	*Maximum incoming pressure
17040C035PC2	40 psi	5.0	230 - 60 Hz	1 HP	40 psi
17062C035PC2	62 psi	6.3	230 - 60 Hz	1 HP	18 psi
17078C035PC2	78 psi	6.8	230 - 60 Hz	1½ HP	2 psi (for use with holding tank only)

Dimensional Information



Sizing Chart

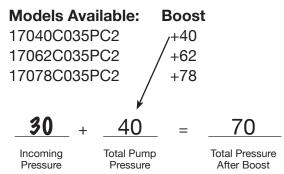
Total static pressure DuraMAC ™ pump							
Incoming Pressure (PSI)	17040C035PC2 +40 PSI	17062C035PC2 +62 PSI	17078C035PC2 +78 PSI				
60		A.					
55		, O, _					
50	90	AEC.					
45	85	NOTAECO	MAR				
40	80		CND				
35	75		020				
30	70						
25	65	87					
20	60	82					
15	55	77	93				
10	50	72	88				

Sizing Information

DuraMAC™ Booster Systems are designed to shut off when no flow is detected. Pump total pressure boost should be added to current system pressure to determine total system pressure when boosted. Note: Many plumbing codes do not recommend system pressure exceeding 80 PSI. Refer to local plumbing codes for maximum boosted pressure.

Example:

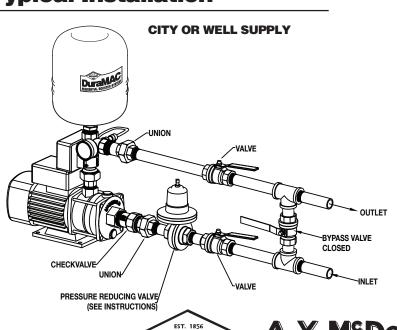
Incoming system pressure before boost = 30 PSI



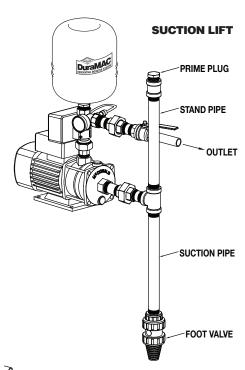
Based on this example, the recommended model for this application is the 17040C035PC2.

For systems with fluctuating pressure, a pressure reducing valve is recommended to ensure system pressure stays below 80 PSI.

Typical Installation



Mº Donald



<u> A.Y. MªDonald Mfg. Co.</u>