Deluxe High Performance System

Columbia Pool Products

High Capacity Swimming Pool Filtration System
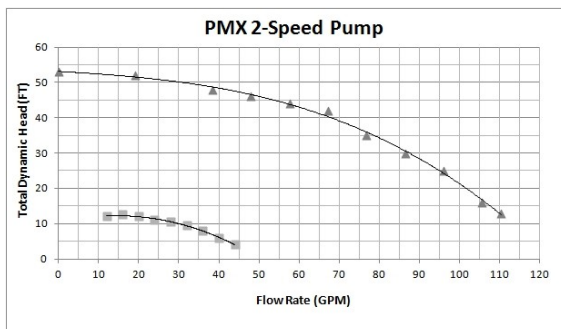

Deluxe High Performance Filter System: PL 30-6 filter, optional PMX 2HP 2-Speed pump, HLX strainer, and Filter Base

Specifications

Deluxe High Performance System

Model	Tank Volume	Sand Capacity	Tank Size	Hose & Connection size
PL 30-6 Filter Tank	30 gallons	200-250 lbs.	22" Oval	1.5"

Model	HP	Voltage	Cord	Connection size
PMX US 2 HP Pump	2	115	6' or 3' TL	1.5" NPT
2-Speed 2 HP Pump	2	115	6' or 3' TL	1.5" NPT
In-ground 1.5 HP Pump	1.5	110-220	No Cord	1.5" NPT
In-ground 2-Speed 1.5 HP	1.5	110-220	No Cord	1.5" NPT

Columbia's Deluxe High Performance system was designed with energy efficiency in mind. This system showcases our deluxe items— our larger 30 gallon filter tank and a range of motor pumps. _New_ _2-Speed_ and _In-ground_ pumps offer great versatility.

Applications
- Above-ground/on-ground _and In-ground_ pools

Tank Features:
- PL 30-6 filter tank offers increased sand capacity and increased strength
- Corrosion-proof body for all-weather performance and extended system life
- Accurate and visible pressure gauge
- Elliptical Design
- Drain plug with strainer for easy maintenance
- 1.5" hoses included
- Deluxe 7-position rotary backwash valve
- Each tank is individually tested to ensure quality and reliability

Pump Features
- PMX 2 HP US Motor pump
- On/Off switch standard on PMX pump
- Pump can be mounted vertically or horizontally
- Heavy-duty impeller for high output
- Pump mounted on platform standard
- Corrosion-proof housing for all-weather functionality
- Dual drain plugs for easy winterizing
- Each pump is individually tested to ensure leak-free functionality
- **Optional** TL–style cord for Full UL-1081 compliance
- **Optional _2-Speed_** 2 HP motor pump available
- **Optional _In-ground_** 1.5 HP motor pump available
- **Optional _In-Ground_ _2-Speed_** 1.5 HP motor pump

Note: In-ground pumps are 220V and ship with no cord

Strainer Basket Features
- High volume housing offers large leaf-holding capacity
- Clear lid eliminates emptying guesswork
- **Optional** Baquacil resistant black lid available at no additional cost

System Features
- 1.5" connections and hoses standard
- Filter tank base standard

Note: all stated figures are nominal

111 Bruckner Blvd.
Bronx, NY 10454

(718) 993–0389
(718) 993-0430

Service (718) 402–8233
Fax (718) 993–8323

www.columbiapoolproducts.com

High Performance System

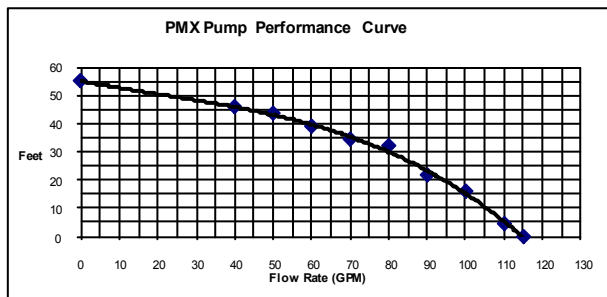High Capacity Above Ground Swimming Pool Filtration System

High Performance Filter Package: PL 25 gallon tank, PMX 2HP US Motor pump, HLX strainer basket, and Tank Base

Specifications

High Performance System

Model	Tank Volume	Sand Capacity	Tank Diameter	Hose & Connection size
PL 25-6 Filter Tank	25 gallons	150-200 lbs.	22" Round	1.5"

Model	HP	Voltage	Cord Length	Connection size
PMX Motor Pump	2	115	6' or 3' TL	1.5" NPT
HLX Strainer Basket				
Tank Base				

PMX Pump Performance Curve

Columbia's complete high performance package provides a complete filtration solution

Applications
- Above-ground/on-ground pools

Tank Features:
- Corrosion-proof body for all-weather performance and extended system life
- Accurate and visible pressure gauge
- Spherical Design
- Drain plug with strainer for easy maintenance
- 1.5" hoses included
- Deluxe 7-position rotary backwash valve
- Each tank is individually tested to ensure quality and reliability

Pump Features
- PMX- 2 HP US Motor pump
- On/Off switch standard on PMX pump
- Pump can be mounted vertically or horizontally
- Heavy-duty impeller for high output
- Pump mounted on platform standard
- Corrosion-proof housing for all-weather functionality
- Dual drain plugs for easy winterizing
- Each pump is individually tested to ensure leak-free functionality
- **Optional** 2-Speed version available
- **Optional** TL–style cord for Full UL-1081 compliance

Strainer Basket Features
- High volume housing offers large leaf-holding capacity
- Clear lid eliminates emptying guesswork
- Compatible with other 1.5" pumps
- **Optional** Baquacil resistant black lid available at no additional cost

System Features
- 1.5" connections and hoses standard
- Tank base standard

Note: all stated figures are nominal

Mid-Range Filter Systems

Versatile 1 HP Above Ground Swimming Pool Pump System

Deluxe **Mid-Range System featuring PL 16-6 filter tank, PM100-TF motor pump, HLX strainer , and filter tank base.**

Columbia's mid-range filters will handle all sizes of above-ground pools.

Applications
- Above-ground/on-ground pools

Tank Features:
- Deluxe 7-position rotary valve for industry standard looks and functionality
- Corrosion-proof 16 Gallon body for all-weather performance and extended system life
- Accurate and visible pressure gauge
- Drain plug for easy maintenance
- Each tank is individually tested to ensure quality and reliability

Pump Features
- 1 HP US motor pump
- Corrosion-proof housing for all-weather functionality
- Impeller designed with brass insert for long life
- Pump mounted on platform standard
- Each pump is individually tested to ensure leak-free functionality
- **Optional** TL–style cord for Full UL-1081 compliance

Two Configurations, Standard and Deluxe
- **_Standard_** Mid-Range Filter System includes slip-fit HL strainer and 1.25" connections & hoses.
- **_Deluxe_** Mid-Range Filter system includes large threaded HLX strainer, 1.5" connections & hoses, filter tank base (pictured).
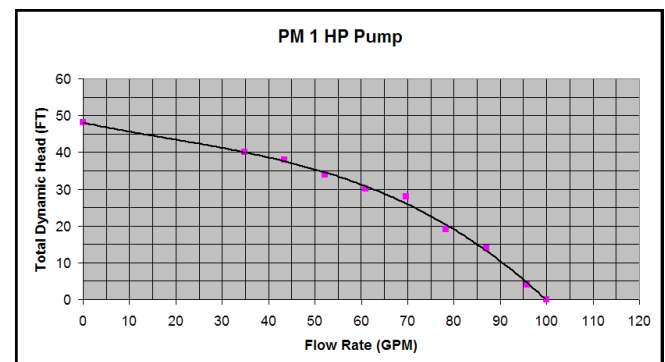
Specifications

Mid-Range Filters

Tank Models	Tank Volume	Sand Capacity	Connection size	Hose size
PL 16-6	16 gallons	100-125 lbs.	1.25"-1.5"	1.25"
DX PL 16-6 w/ 1.5"	16 gallons	100-125 lbs.	1.25"-1.5"	1.5"

Model	HP	Voltage	Connection	Connection
PM100 w/ HL	1	115	1.25"	Slip
DX PM100-TF w/ HLX	1	115	1.5	Threaded

Note: all stated figures are nominal

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Master Pack Entry Level System
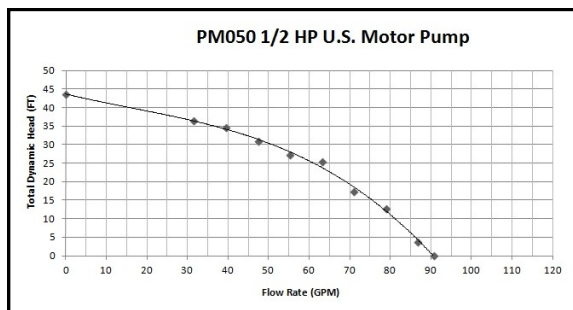
Low cost ½ HP Above Ground Swimming Pool Pump System

Master Pack Filter Package: PL 8.5 gallon tank, 1/2 HP US motor pump (not shown), and HL strainer basket

Columbia's complete entry level system serves as an ideal replacement for mass-market/ inflatable above-ground pools originally sold with inadequate filtration units.

Applications

- Above-ground/on-ground pools

Tank Features:

- Corrosion-proof body for all-weather performance and extended system life
- Accurate and visible pressure gauge
- Hoses included
- 4-Way push-pull backwash valve for value
- Each tank is individually tested to ensure quality and reliability.

Pump Features

- ½ HP US Motor pump
- Corrosion-proof housing for all-weather functionality
- Impeller designed with brass insert for long life and superior performance
- Pump mounted on platform standard
- Each pump is individually tested to ensure leak-free functionality
- **Optional** TL–style cord for Full UL-1081 compliance

System Features

- Includes HL strainer basket
- One box packaging
- 1.25" connections and hoses standard
- **Optional** 1.5" connection adapter for maximum adaptability
- **Optional** filter tank base available

Specifications

Master Pack Entry Level System

Model	Tank Volume	Tank Diameter	Hose size	Sand Capacity
PL 85.5-4 Filter Tank	8.5 gallons	15"	1.25"	50 lbs

Model	HP	Voltage	Cord Length	Connection size
PM050 Motor Pump	½	115	6' or 3' TL	1.25"
HL Strainer Basket				1.25"

Note: all stated figures are nominal

Motor Pumps
Superior Value Swimming Pool Pumps

PM100 1 HP US Motor pump with HL strainer basket

PM Pumps

- Available with ½ HP and 1 HP US Motors
- 1.25" slip-fit connections standard
- Available with standard HL strainer
- Mounted on motor platform
- Impeller designed with brass insert for long life
- Each pump is individually tested to ensure leak-free functionality
- **Optional** 1.5" threaded connections
- **Optional** Large threaded HLX strainer (on threaded pumps)
- **Optional** TL–style cord for Full UL-1081 compliance

PMX 2HP US Motor pump with HLX strainer basket

PMX Pumps

- Available with 1 HP and 2 HP US Motors as well as **_2-Speed_** 2 HP Motor
- On/Off switch standard. Three position switch on 2-Speed.
- Impeller designed with brass insert for long life
- Mounted on motor platform
- Pump can be mounted vertically or horizontally for easy adaptability to cartridge filters. Dual drain plugs for easy winterizing.
- Each pump is individually tested to ensure leak-free functionality
- **Optional** TL–style cord for Full UL-1081 compliance

1.5 HP In-ground pump

Auxiliary Columbia Pumps

- Available configurations: 1.5 HP **_In-ground,_** 1.5 HP **_In-Ground_** **_2-Speed_**, and **_2-Speed_** above-ground
- Compatible with PL30-6 Filter Tank
- In-ground pumps are fully self-priming
- In-ground pumps are 220V-ready and come with no cord
- Built-in lint trap
- Drain plug for easy winterizing
- *Auxiliary* Columbia pumps carry ETL Recognized Certification

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90 Sq Ft Cartridge Filter with PMX pump, HLX lint trap, and Cartridge Tank Base

Applications
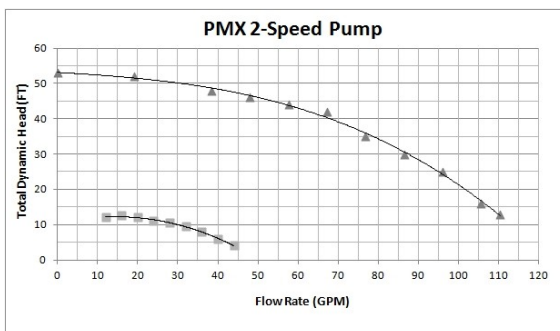
- Above-ground/In-ground pools

Cartridge Filter Systems

- 90 Sq Ft, 120, and150 Sq Ft Cartridge Filters available
- Available with 1 HP and 2 HP US Motors as well as *2-Speed* 2 HP Motor
- Systems includes Pressure gauge, hoses, hose clamps, and hose fittings
- Filter Base and Motor Platform standard
- *Auxiliary Columbia Products*

PMX Pumps

- Available with 1 HP and 2 HP US Motors as well as *2-Speed* 2 HP Motor
- On/Off switch standard. Three position switch on 2-Speed.
- Impeller designed with brass insert for long life
- Mounted on motor platform
- Pump can be mounted vertically or horizontally for easy adaptability to cartridge filters. Dual drain plugs for easy winterizing.
- Each pump is individually tested to ensure leak-free functionality
- **Optional** TL–style cord for Full UL-1081 compliance

Strainer Basket Features

- High volume housing offers large leaf-holding capacity
- Clear lid eliminates emptying guesswork
- **Optional** Baquacil resistant black lid available at no additional cost

Note: all stated figures are nominal

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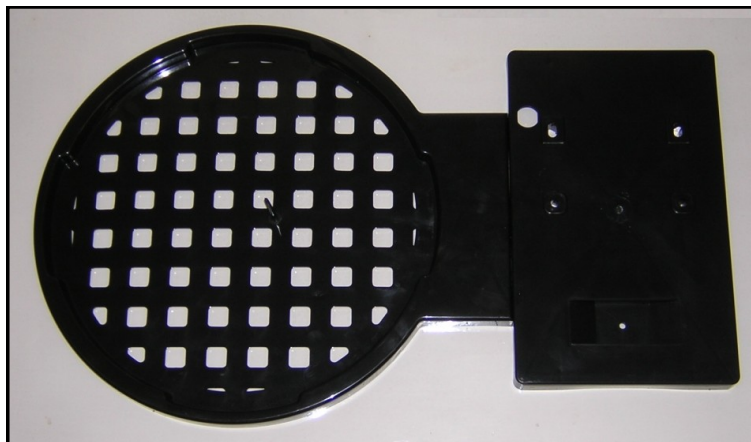**(718) 993–0389**
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Large Strainer Basket - HLX: Features industry standard 1.5" NPT connections
Large Lid - HCVRX: Universal lint trap lid. Available in clear or black (Baquacil compatible)

Standard size H&L Strainer Basket

Tank Base- shown interlocked into motor platform (motor platform included with all pumps).