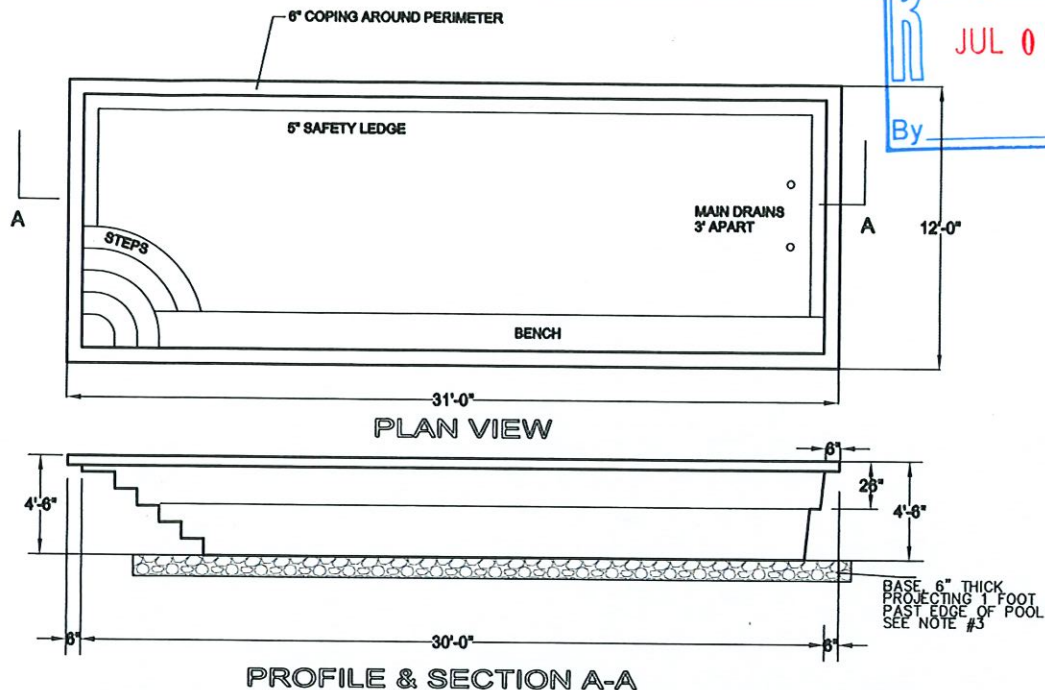




POOL	SIZE WIDTH x LENGTH	DEPTHS SHALLOW, DEEP	GALLONS APPROX.	SURFACE AREA (SQ. FT.)	SQUARE FEET	PERIMETER FEET	LINEAR FEET		WEIGHT LBS.
							STEPS	SEATS	
NORTH BEACH	12'x31'	4'-6", 4'-6"	7,000	372	372	86'	15.1	26	2,200

**USE OF DIVING EQUIPMENT IS PROHIBITED
12' X 31' NORTH BEACH**

1. FIBERGLASS REINFORCED PLASTIC: (FRP)
 - A. FIBERGLASS REINFORCED LAMINATES SHALL COMPLY WITH THE NATIONAL BUREAU OF STANDARDS PS-15-69
 - B. FLEXURE MODULUS OF FRP SHALL BE 1,270.00 PSI @ 77 DEG F
 - C. FLEXURAL STRENGTH OF FRP SHALL BE MINIMUM 21,300 PSI @ 77 DEG F
 - D. SHEAR STRENGTH OF FRP SHALL BE 13,000 PSI @ 77 DEG F
 - E. ALL RESINS USED IN THE MANUFACTURE OF THE FIBERGLASS LAMINATES SHALL MEET ALL FEDERAL AND STATE CODES
 - F. MINIMUM THICKNESS OF FIBERGLASS TO BE 5/16"

2. TYPE "O" POOL - NO DIVING EQUIPMENT TO BE INSTALLED

3. SUB BASE FOR POOL TO BE 3/8" CLEAN STONE, 1/4" CLEAN SCREENINGS, SAND OR CLEAN SANDY LOCAL SELECT FILL, ALL PEAT, DEBRIS OR OTHER CLAY OR OBJECTIONAL SOILS OR CONTAMINANTS TO BE REMOVED SO AS TO PROVIDE A MINIMUM OF 6" PERMEABLE SUBBASE MATERIAL, COMPACTED TO 90%

4. WHERE QUESTIONABLE, CONTRACTOR SHALL VERIFY SOIL BEARING CAPACITY AND LOADING PRIOR TO INSTALLATION OF POOL

5. CONTRACTOR SHALL VERIFY BURIED UTILITIES WITH IN SURROUNDINGS OF INSTALLATION AREA, AS REQUIRED BY LAW, CONTACT "CALL BEFORE YOU DIG" MIN OF 4 DAYS PRIOR TO COMMENCEMENT OF EXCAVATION. 1-800-272-1000 OR 811

6. (LEFT BLANK)

7. POOL SHELLS ARE DESIGNED TO REMAIN FULL OF WATER AT ALL TIMES. CONTACT YOUR DEALER IF IT BECOMES NECESSARY TO DRAIN THE POOL.

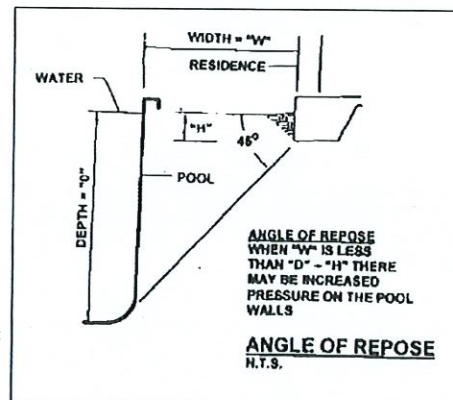
8. THESE POOL MEET OR EXCEED THE 2018 INTERNATIONAL SWIMMING POOL AND SPA CODE WITH REGARD TO RESIDENTIAL SWIMMING POOLS AND SPAS.

9. ENTRAPMENT AVOIDANCE SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/APSP/ICC-7

10. THE POOL DECK/COPING IS WITHIN 12" OF THE DESIGN WATERLINE AND AS SUCH, THE POOL DECK/COPING SATISFIES THE REQUIREMENT OF HANDHOLDS PER 2018 ISPS SEC 323.1

11. IN POOLS WHERE THE POINT OF FIRST SLOPE BREAK OCCURS, NOT LESS THAN 1/4" IN DIAMETER AND FLOAT ASSEMBLY SHALL BE PROVIDED, NOT LESS THAN ONE FOOT AND NOT GREATER THAN TWO FEET TOWARDS THE SHALLOW END OF THE SLOPE BREAK (2018 ISPS SEC 811.1)

THE FOLLOWING CODES ARE TO BE MET WHERE REQUIRED:
2018 INTERNATIONAL SWIMMING POOL AND SPA CODE
2018 INTERNATIONAL FUEL GAS CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL BUILDING CODE, NJ ED
2018 INTERNATIONAL RESIDENTIAL CODE, NJ ED
2018 INTERNATIONAL ELECTRICAL CODE



NORTH BEACH 12'-0" X 31' 0"

DOLPHIN INDUSTRIES

P.O. BOX 344
EGG HARBOR CITY, NJ 08215

DOUGLAS C. PELIKAN, PE
CIVIL & ARCHITECTURAL ENGINEERING
1701 PENNINGTON RD, EWING, NJ 08618
NJ PE# GE27632

SIGNATURE:

DATE: 6/25/2020

REV:

DRW DATE:
5/22/2020

SCALE:

N.T.S.

JOB #

SHEET:

1 OF 1



FILTERS

CLEAN & CLEAR® PLUS

Cartridge Filter



Sparkling clear water the easy way.

The Clean & Clear Plus Filter combines dependable filter design with optimal performance. Our four-cartridge design provides optimal filter surface area to help increase dirt-retention capacity and maximize time between cleanings.

We've optimized the cartridge surface material to block and aid in capture greater amounts of solids. Durable materials extend cartridge life and performance that keeps pools clearer and sparkling.

To service the filter, reference the proper procedures in the video or contact a pool professional—Pentair.com/cleanandclearplus



pentair.com/cleanandclearplus

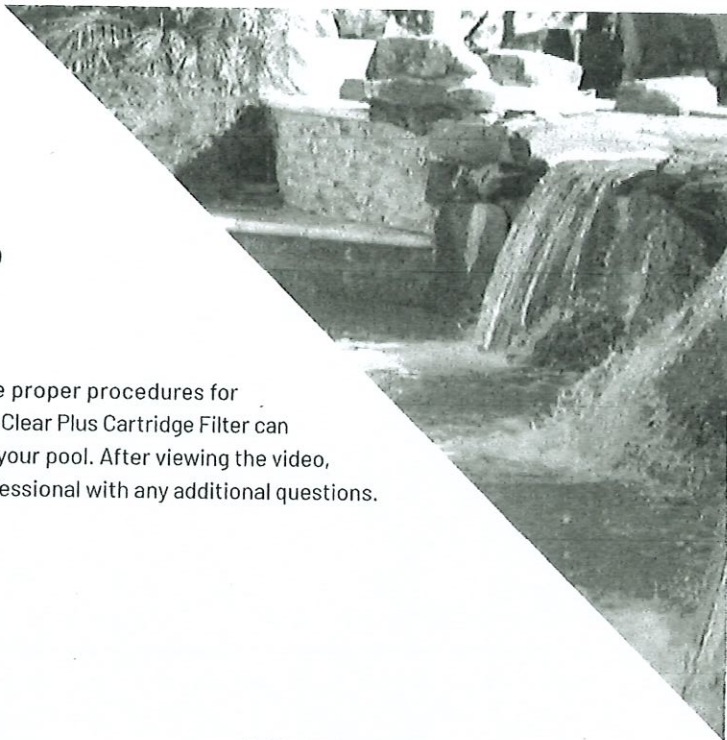
CLEAN & CLEAR® PLUS CARTRIDGE FILTER



Scan for a step-by-step
how-to video.



Understanding the proper procedures for servicing a Clean & Clear Plus Cartridge Filter can prevent injuries at your pool. After viewing the video, contact a pool professional with any additional questions.



KEY FEATURES

Single-piece base and tank
Fiberglass-reinforced polypropylene provides strength, corrosion resistance and stability.

1½-inch drain
The easy-to-access drain supports drainage for winterization.

2-inch plumbing
For maximum flow and faster water cleaning.

Four-cartridge design
Traps dirt and extends time between cleanings.

Internal air bleed
Continuous internal air bleed helps prevent air buildup to keep the filter operating at peak performance.

Clamp ring access
Allows access to internal parts.

Model Number	Filter Area Sq. Ft.	Vertical Clearance*	Filter Diameter	Flow Rate GPM ² Residential	Turnover Capacity-Res. (Gallons)		
					8 hrs.	10 hrs.	12 hrs.
CCP240	240	56"	21.5"	90	43,200	54,000	64,800
CCP320 ¹	320	62"	21.5"	120	57,600	72,000	86,400
CCP420 ¹	420	68"	21.5"	150	72,000	90,000	108,000
CCP520 ¹	520	74"	21.5"	150	72,000	90,000	108,000

¹ Certified to NSF/ANSI Standard 50.

² Residential rate .375 GPM per sq. ft. of filter area.



TRADEGRADE

The TradeGrade family of products is exclusively made for and sold by the world's most demanding pool professionals.

Certified to
NSF/ANSI Standard 50

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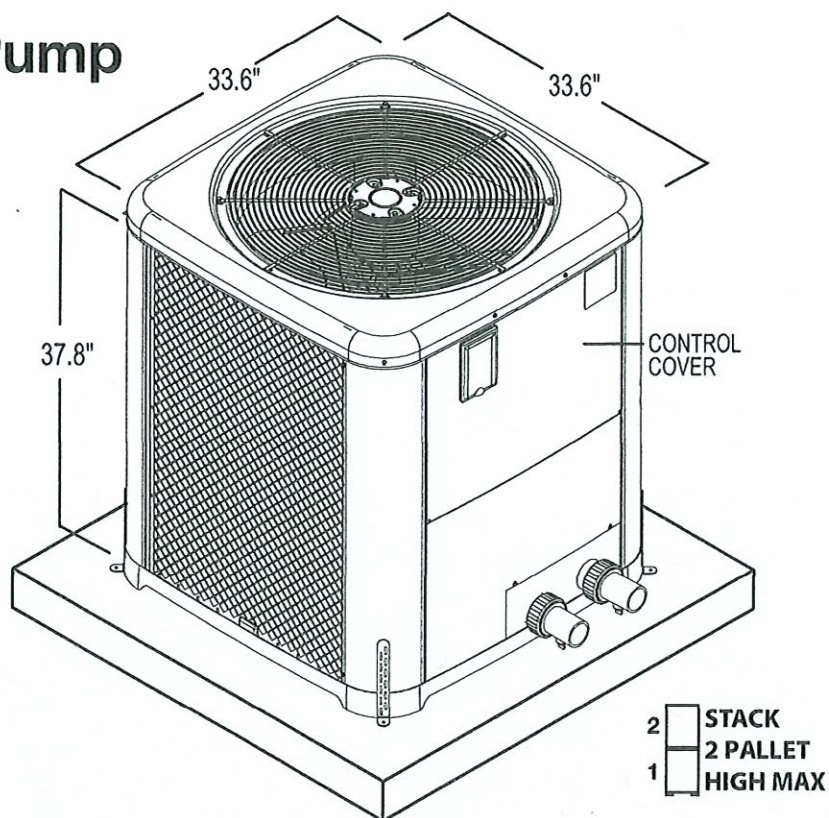
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P1-131 06/2023

Pool & Spa Heat Pump

Model TWPH-6560

WeatherKing's
pool heat pump
features several
innovations that
improve dependability
and efficiency.



Heat Exchanger

Spiral Titanium Tube Heat Exchanger

Our spiral titanium tube heat exchanger provides a corrosion-free waterway that can withstand the abuses of harsh pool chemistry. The spiral tube helps reduce deposit build-up and increases efficiency by performing a "scoop-and-lift" action.

Plumbing Connections

Off-set 2" PVC union connections are included for ease of installation.

Evaporator Coil

Large Air Coils

Raised lanced-fin design maximizes heating at lower temperatures. From the proper fins per inch to advanced distribution circuiting, WeatherKing engineered coils are highly optimized to meet our specific design requirements.

Cabinet

Powder-Coated Steel Cabinet

Polyester powder-coated, non-corrosive cabinet is more durable than plastic heat pump cabinets.

Compressor

Scroll Compressor

Scroll compressors are quiet and efficient compared to piston type compressors. They provide higher efficiency, lower sound levels, superior durability and unsurpassed reliability. The unique design of a scroll compressor actually wears in over time, not out!

Sound Isolation Pads

Prevents sound transfer to equipment pad and elevates the base pan to improve water drainage.

Digital Controls

Pool/Spa Control

Your digital heat pump pool heater can be set to different target temperatures. Dial in just the right spa temperature and never have to adjust it again. The pool can be set to a lower, more energy saving temperature.

Remote Compatible

The digital heat pump pool heater can be easily controlled by most two-wire and three wire remote systems.

On Board Diagnostics

Tells the homeowner if there is a problem. Provides the service technician with detailed diagnostic information.

Warranty

Two years following the effective date for labor and seven years following the effective date for parts.

208-230VAC, 1-Ph, 60 Hz. Amps: 46min/70max

Uses R-410A refrigerant.

* Tested to AHRI 1160. Maximum water flow 30-60gpm.

** Shipping dimensions per unit 38.75" x 38.75" x 42.5" (L x W x H).



Tested to UL Standard 1261

weatherking.com/products/heat-pumps

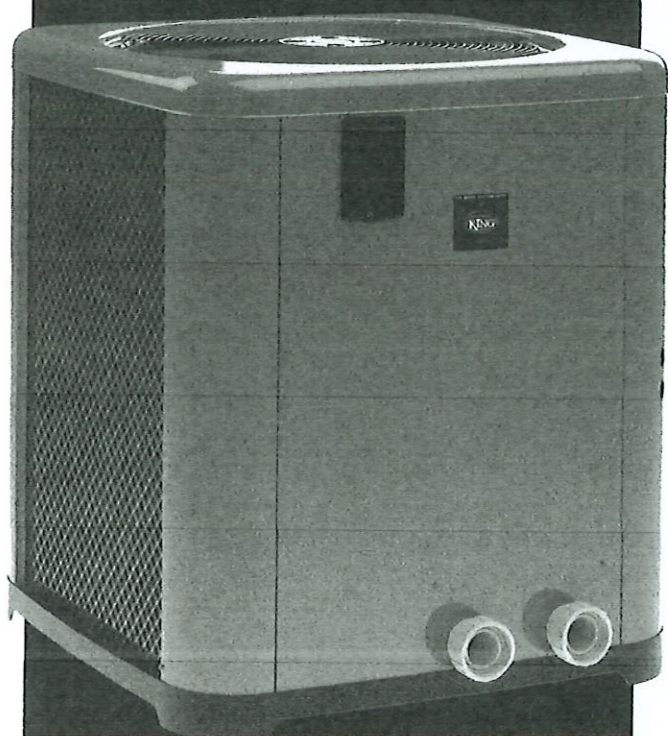
2151 Eastman Avenue | Oxnard, CA 93030 | 805-278-5300

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WK-P-600-1 REV A
Effective 11-16-24 Replaces NEW

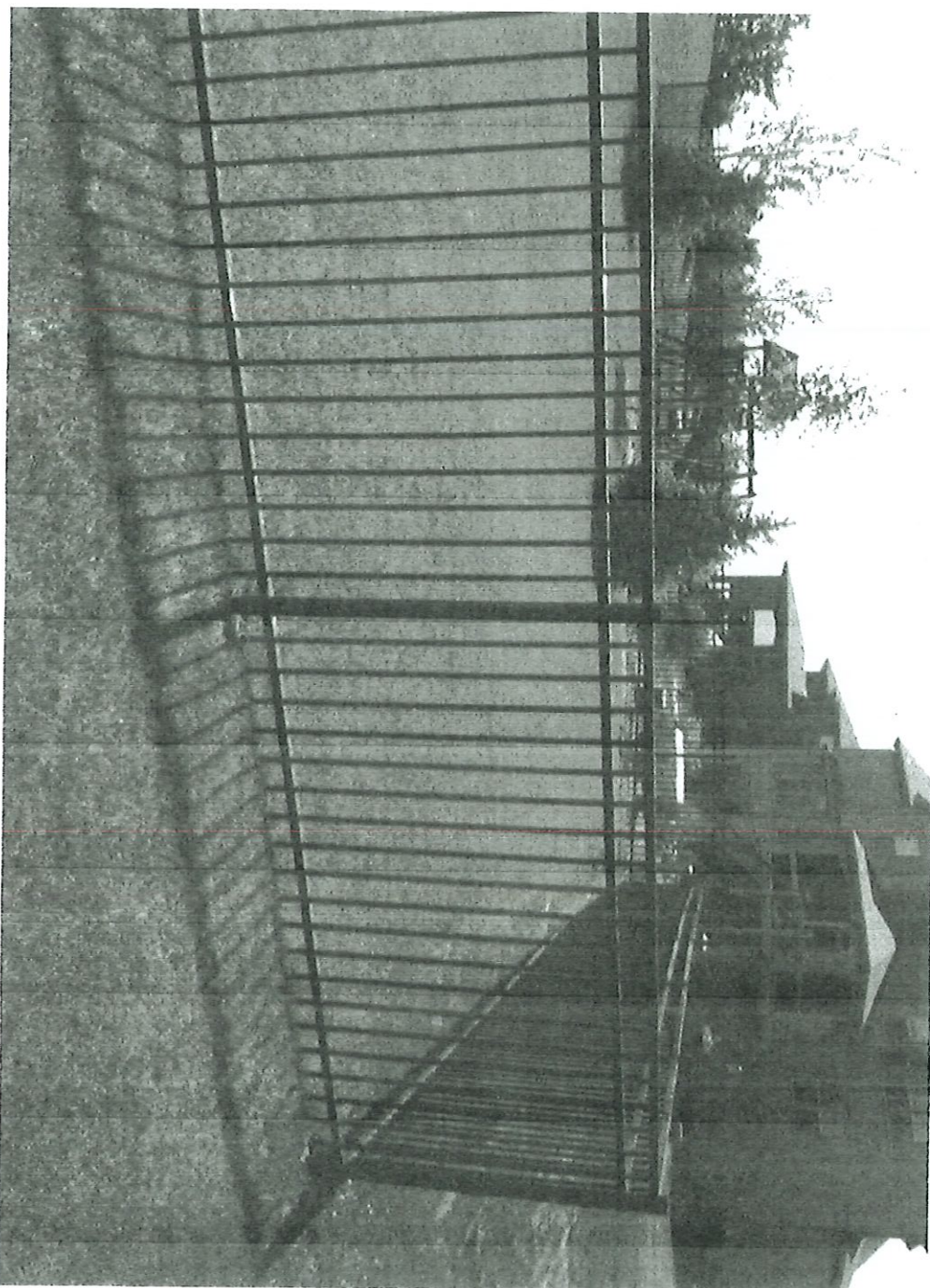


POOL & SPA HEAT PUMP



118k BTU Heat Only
Easy Handling And Installation
Serviceable Design
Quiet Operation
Dependable Performance
Powder-Coated Steel Cabinet
Simple Digital Controls
Easy-To-Read Service Codes
Standard Warranty

Model	TWPH-6560EHT01
Model Type	Heat Only
Max. Capacity (BTUH)	118,000
C.O.P	6.0
Rated Flow Capacity (GPM)	49.5
Indoor/Outdoor	Outdoor
Residential/Commercial	Residential
Heat Exchanger Material	Titanium
Refrigerant Type	R410A
Heating Capacity (kW)	34.5
Rated Outlet Water Temp	104F
Fan Type	1-speed, 1-Ph/60Hz/240V motor, 4 blade fan
Min. Water Supply Flow (GPM)	30
Max. Water Supply Flow (GPM)	60



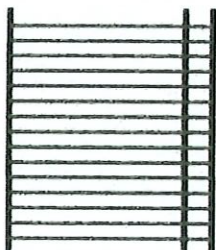
Product Videos

**** WHITE** is now priced 10% higher than listed **BLACK & BRONZE** pricing above.
Rings are an available option for the Sierra panels at a price of \$75 per panel
All gates come standard with self closing hinges and gravity latch.
To meet pool code, a **Magna Latch** should be ordered to keep the latch at 54" off the ground.
Please consult local regulations.

Sierra Style:



Sierra Pool Code 54"



GET A QUOTE

Sierra Fencing Specs

Material

6063-T5 Aluminum

Pickets

5/8" sq. x .050" walls

Rails

1" sq. x .055" wall

Powder Coating

PPG TGIC Polyester Powder Coating

Screws

Hardened 410 Stainless Steel with Cr6 Plating & Colored heads

All Sections are offered Pre-assembled or Un-assembled.