

Softeners and Filters

BrassMaster Plus Professional Series Residential Water Softener

Metered Regeneration

BrassMasterplus+

Features:

- Electronic, high performance controls
- Superior iron removal capacity
- Greater capacity and flow rate performance
- Standard meter demand regeneration for precise salt efficiencies
- Exclusive 5 year APW warranty
- Insulated tank design eliminates tank condensation



Exclusive Assured Performance Modular

Nearly all serviceable parts lie inside the removable APM. Factory module support program assures optimal performance and eliminates potential for expensive field repairs.



BrassMaster Plus Specifications

	-				
	Cabinet Models		Two - Tank Models		
Model#	BP27	BP35	BPT27	BPT35	BPT48
Roberts Code#	370-0650	370-0655	370-0660	370-0665	
Grain Capacity	27,000	35,000	27,000	35,000	48,000
Lbs.Salt per Regeneration	9	12	9	12	18
Max. Flow Rate (gpm)	12	14	12	14	14
Backwash Rate (gpm)	2.0	3.5	2.0	3.5	3.5
Brine Tank Salt Capacity (lbs)	200	200	300	300	300
Iron Capacity (ppm)	8	8	8	8	8
Mineral Tank Dimensions	9" x 35"	10" x 35"	8" x 44"	10" x 44"	10" x 47"
Brine Tank Dimensions	14" x 20"	14" x 20"	18" x 36"	18" x 36"	18" x 36"
Overall Height	47"	47"	52"	52"	55"
Inlet/Outlet Pipe Size	3/4"	3/4"	3/4"	3/4"	3/4"
Pipe Centers	2"	2"	2"	2"	2"



BrassMaster Residential Water Softener

Metered Regeneration



Features:

- •Exclusive 3 year APM Warranty
- •5 year tank warranty
- •Meter demand on 10 day timeclock regeneration available



Exclusive Assured Performance Modular

Nearly all serviceable parts lie inside the removable APM. Factory module support program assures optimal performance and eliminates potential for expensive field repairs.



BrassMaster Specifications					
	Cabinet Models		Two - Tank Models		
Model#	B24	B32 370-0685	BT24 370-0700	BT32 370-0705	BT48 370-0710
Roberts Code#	370-0680				
Grain Capacity	24,000	32,000	24,000	32,000	48,000
Lbs.Salt per regeneration	9	12	9	12	18
Max. Flow Rate (gpm)	10	10	10	10	12
Backwash Rate (gpm)	1.5	2.0	1.5	2.0	3.5
Brine Tank Salt capacity (lbs)	200	200	300	300	300
Iron Capacity (ppm)	3	3	3	3	3
Mineral Tank Dimensions	8" x 35"	9" x 35"	7" x 44"	8" x 44"	10" x 47"
Brine Tank Dimensions	14" x 20"	14" x 20"	18" x 36"	18" x 36"	18" x 36"
Overall Height	47"	47"	52"	52"	55"
Inlet/Outlet Pipe Size	3/4"	3/4"	3/4"	3/4"	3/4"
Pipe Centers	2"	2"	2"	2"	2"



Timered Regeneration



Features:

- •Exclusive 3 year APM Warranty
- •5 year tank warranty
- •Meter demand on 10 day timeclock regeneration available



Exclusive Assured Performance Modular

Nearly all serviceable parts lie inside the removable APM. Factory module support program assures optimal performance and eliminates potential for expensive field repairs.



BrassMaster Specifications					
	Cabinet Models		Two - Tank Models		
Model#	B24T B32T		BT24T	BT32T	BT48
Roberts Code#	370-0670	370-0675	370-0690	370-0695	
Grain Capacity	24,000	32,000	24,000	32,000	48,000
Lbs.Salt per regeneration	9	12	9	12	18
Max. Flow Rate (gpm)	10	10	10	10	12
Backwash Rate (gpm)	1.5	2.0	1.5	2.0	3.5
Brine Tank Salt capacity (lbs)	200	200	300	300	300
Iron Capacity (ppm)	3	3	3	3	3
Mineral Tank Dimensions	8" x 35"	9" x 35"	7" x 44"	8" x 44"	10" x 47"
Brine Tank Dimensions	14" x 20"	14" x 20"	18" x 36"	18" x 36"	18" x 36"
Overall Height	47"	47"	52"	52"	55"
Inlet/Outlet Pipe Size	3/4"	3/4"	3/4"	3/4"	3/4"
Pipe Centers	2"	2"	2"	2"	2"



BrassMaster Enviromax Eco-friendly Water Conditioning System



Save Hundreds (Even Thousands!) of Gallons of Water Each Year!

Brassmaster Enviromax softeners utilize the very latest technology to bring you all the benefits of soft water, while generating less waste in the process. Ordinary water softeners typically send 60+ gallons of water down the drain per regeneration – much of it with very high salt concentrations. This puts strain on water treatment facilities, rivers, lakes, and waterways. More importantly, it wastes vast amounts of our most valuable natural resource: the water we drink. Brassmaster Enviromax provides a greener, less wasteful means of meeting your family's soft water needs.



Features:

- Water-Wise Green Technology reduces water consumption during regeneration by 30% or more.
- Uses less salt per regeneration than standard softeners.
- Metered regeneration -only regenerates when you use water!
- Compatible with potassium chloride (salt substitute) for reduced salinity in drain water.
- Exclusive 3 year APM Warranty for quick and inexpensive repairs.
- 5 Year Tank Warranty.

Brassmaster Specifications				
Model#	32			
Roberts Code#	370-0750			
Grain capacity: Lbs of salt/ regeneration: Max flow rate (gpm) Backwash rate (gpm) Brine tank capacity (lbs) Ion capacity (ppm) Mineral tank dimensions Brine tank dimensions Inlet/outlet pipe size	32,000 10 10 2.0 300 0* 8" x 44" 18" X 34" 3/4"			
Pipe centers Approx shipping weight (lbs)	2" 65			

Proce Montor Cronifications



BrassMaster Northwoods Water Conditioning System for Seasonal Residences



Features:

- 3 year valve warranty*
- 5 year tank warranty*
 7 day timeclock to ensure regular regeneration and long system life
- Solid brass valve assembly to handle cooler temperatures and harsher water conditions
- Easy to remove for winterization (pull it out and take it home)



Exclusive Assured Performance Modular

Nearly all serviceable parts lie inside the removable APM. Factory module support program assures optimal performance and eliminates potential for expensive field repairs.



Finally, a water softener designed for light, seasonal usage.

BrassMaster Specifications				
Model#	B12T			
Roberts Code#				
Grain capacity	12,000			
Lbs salt / regeneration	5			
Max. flow rate (GPM)	10			
Backwash rate (GPM)	1.5			
Brine tank salt capacity (lbs)	40			
Iron capacity (PPM)	1			
Mineral tank dimensions	8" X 18"			
Brine tank dimensions	19"L X 11"W X 20"H			
Overall height	26.5"			
Inlet / outlet pipe size	3⁄4"			
Pipe centers	2"			
Approx. shipping weight (lbs)	42			



2012

BrassMaster Residential Iron Filter Specialty Treatment Systems

BrassMaster

Iron Removal With No Messy Chemicals And Minimal Waste

BrassMaster Specialty Treatment Systems residential iron filters allow you to enjoy clean, non-staining, non-smelly water in high-iron areas. Our exclusive technology uses air, and small amounts of water, to clean the filter media bed - without any additional tanks or harsh/messy chemicals.





Features:

- "Green" technology with no polluting chemicals and minimal water waste.
- Low operating costs: less than \$10 per year.
- 3-year valve and 5-year tank warranty (limited).

Specifications				
Model#	STS-100			
Roberts Code#	370-0500			
Regeneration time (min)	50			
Max flow rate (gpm)	10			
Media (cu.ft.)	1			
Backwash rate (gpm)	7			
Iron capacity (ppm)	up to 10			
Mineral tank dimensions	10" x 54"			
Overall height	63"			
Inlet/outlet pipe size	3/4"			
Pipe centers	2"			
Drain tubing size (OD)	5/8			
Approx. shipping weight (lbs)	95			





BrassMaster Boiler Fill Softeners Specialty Treatment Systems



Portable Softening Systems for plumbing and HVAC professionals

Brassmaster Specialty Treatment Systems Boiler Feed Softeners provide a portable, economical means for plumbers and HVAC technicians to supply a softened, scale-free initial fill of water to residential and commercial hydronic systems.

Features:

- 3/4" garden hose connections with inlet/outlet strainer basket.
- High quality, synthetic cation resin.
- Easily-replaceable synthetic cation resin.
- Hardness level test strips, 2 gpm outlet flow restrictor, and easy to-use chart for calculating capacity remaining.
- 1-year limited tank and fitting warranty.

Specifications			
Model#	STS-600		
Roberts Code#	370-0400		
Catin resin volume	0.5 ft ³		
Max flow rate (gpm)	2		
Iron capacity (ppm)	1**		
Mineral tank dimensions	8" x 18"		
Overall height	23"		
Inlet/outlet pipe size	3/4" hose		
Approx. shipping weight (lbs)	27		

** 1 ppm iron = 4 grains additional hardness

Model STS-600-RM represents a remanufactured/recharged unit.

Note: certain boiler manufacturers may not recommend softened water. Always refer to boiler instruction manual before filling.

Parts for Water Softeners	
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370-0400	Boiler Filler Unit	STS600
370-0401	Re-charge for STS600 Boiler Filler	



Water Hardness	Total Gallon Capacity
(grains per gallon)	
5	2100
10	1050
15	700
20	525
25	420

Exchange Program

Upon media exhaustion, return to distributor for core credit towards a remanufactured, recharged unit.

Call your Roberts-Hamilton Sales Rep for details.



BrassMaster Residential Reverse Osmosis Systems Pure. Simplicity.



Compact and Simple Easy to Maintain Eco-friendly

More Water, Less Waste

It's no secret that the reverse osmosis process uses water to make drinking water. The PS-5 is designed to reduce the amount of water down the drain by 25% over the typical RO system. This represents a significant water savings - over 400 gallons per year for the average family.

Green by Design

The PS-5 is smaller, lighter and uses significantly fewer resources in the manufacturing process compared to the typical 5-stage RO. This compact design has an added benefit—the unique flow path utilizes water pressure more efficiently resulting in a higher flow from the faucet.

The PS-5 Delivers

The PS-5 features a four-stage prefilter, membrane and postfilter housed in a single cartridge. The fifth stage, an in-line carbon filter, is placed between the tank and faucet. Yearly maintenance is quick and easy. No complicated plumbing connections, no tools required.

4-Stage Main Cartridge

- **Stage 1** 20-micron sediment prefilter removes dirt and suspended solids.
- **Stage 2** Granular activated carbon (GAC) prefilter reduces chlorine and organic compounds.
- Stage 3 High flow, thin-film reverse osmosis membrane reduces dissolved salts and hardness.
- **Stage 4** Granular activated carbon (GAC) post filter after the membrane removes residual taste and odor.

Fifth Stage Inline Cartridge

Stage 5 Granular activated carbon (GAC) postfilter between the tank and faucet acts as a final polishing step for the freshest tasting drinking water.

Faucet

Unit includes white, airgap push handle faucet (designer models available).



Specifications

Model#		PS-5				
Roberts Code#		370-0576				
Performance	Performance Specifications					
	Membrane	System w/Tank				
Production	40 GPD (151 LPD)	21.6 GPD (81.8 LPD)				
TDS Rejection	95%	95%				
Dimensions	9.72" W x 13.75" D x 15.38	8" H (24.7 x 34.9 x 39.1 cm)				
Feed Water Requirements						
Pressure	40-80 psi ((275 kPa - 552 kPa)				
Temp	40°F - 10	00°F (4°C - 38°C)				
TDS	<	<2000 mg/L				
Turbidity		<1 NTU				
SDI		<5				
рН		4-8				
Chlorine		<1.0 mg/L				
Feed water must be potable. It is highly recommended that the water be softened to the unit to enhance membrane longevitiy.						



Description

Replacement Remanufactured Modules:

Code#

Model#

1914001/140401	370-0800	24,000 Grain Metered Module	R24M
	370-0820	32,000 Grain Metered Module	R32M
	370-0860	32,000 Grain Timeclock Module	R32T
	Watts Un	der Sink Reverse Osmosis System Ca	rtridges
	370-0578	3-Pak Replacement Cartridges for RO-5	WP500319
Surger North American Sala Company A Company A Company		Salt Pellets	
pellets	the frequency mushing and	n, high-purity product dissolves easily, minimizes residy y of softening equipment maintenance. Pellets Plus elin channeling and cleans resin beads in the water softened ble with Rust Buster to help prevent rust staining on fi	minates bridging, er unit. Pellets Plus
31140S	370-0100	40 Pound Sure Soft Salt Pellets	31140S
Solar CUBE	Solar Cube v	eter Salt Pellets with Rust Buster is designed to prevent rust staining and ily and leaves minimal residue for system efficiency and 40 Pound Sure Soft Rust Buster Salt Pellets	d discoloration. It reduced maintenance. 31240S
31240S		Ice Melter	
	This blend of ice melt prod	now & Ice Melter f sodium chloride and magnesium chloride is an efficie luct. Aspen contains patented inhibitors designed to rec g equipment. Melts ice to -7°F/-21°C	ent and affordable duce impact to metal
51050	370-0110	50 Pound Aspen Snow & Ice Melter	51050

BrassMaster



PS Filtration Products

BrassMaster PS Series filtration systems cover all of your "whole house" and specialty filtration needs. We offer a wide array of filter housings, cartridges, in-line units, and drinking water systems. Most products feature NSF® certification*, and our high levels of both quality and durability ensure long filter life with minimal maintenance.

In-Stock Products have Rohaco Code Numbers.

Filter Housings

Rohaco Code	Model #	Description	Connection Size	Cartridge Diameter	Туре	Mounting Bracket
	PS158138	#5 blue Slim Line® housing. For 5" filter cartridges. 3 gpm @ 2psid.	1/4"	2-1/4" – 3-1/8"	#5	PS244047
	PS158638	#10 white "countertop" Slim Line® housing. For 10" filter cartridges. Integral mounting bracket. 3 gpm @ 2 psid.	1/4"	2-1/4" – 3-1/8"	#10	N/A
370-1950	PS158002	#5 blue Slim Line® housing with pressure relief. For 5" filter cartridges. 3 gpm @ 2 psid.	3/8"	2-1/4" – 3-1/8"	#5	PS244047
	PS150542	#10 blue housing with pressure relief. For 10" filter cartridges. 10 gpm @ 1psid.	3/4"	2-1/4" – 3-1/8"	#10	PS150578
	PS150558	#10 housing with clear sump, blue top, and pressure relief. For 10" filter cartridges. 10 gpm @ 1 psid.	3/4"	2-1/4" – 2-7/8"	#10	PS150578
	PS150068	#10 blue housing for 10" filter cartridges. 10 gpm@ 1psid.	3/4"	2-1/2" – 2-7/8"	#10	PS150578
370-1910	PS150071	#10 housing with clear sump, blue top, and pressure relief. For 10" filter cartridges. 6 gpm @ 0.7 psid.	3/4"	2-1/2" – 2-7/8"	#10	PS150578
370-1960	PS150437	#10 housing with clear sump, blue top, built-in valve, and pressure relief. For 10" filter cartridges. 6 gpm @ 3 psid.	3/4"	2-1/2" – 2-7/8"	#10	PS150578
	PS150166	#20 blue housing with built-in valve and pressure relief. For 20" filter cartridges. 8 gpm @ 4 psid.	3/4"	2-3/8" – 2-7/8"	#20	PS150578
	PS156017-02	304 stainless steel cartridge filter housing. Accepts select filter cartidges up to 3" diameter (10" length). Call for details. 10 gpm.	3/4"	Up to 3"	#10	PS156037
370-1900	PS150237	Big Blue® #10, blue, high flow polypropylene filter housing with pressure relief. For 10" filter cartridges. 20 gpm @ 2 psid. (See * Below for Mounting Bracket)	1"	4-1/2"	#10	PS150061
	PS166219	Big Clear® #10, clear, high flow polypropylene filter housing. For 10" filter cartridges. 20 gpm @ 2 psid.	1"	4-1/2"	#10	PS150061
	PS150234	Big Blue® #20, clear, high flow polypropylene filter housing. For 20" filter cartridges. 20 gpm @ 2 psid.	1"	4-1/2"	#20	PS150061
	PS150233	Big Blue® #20, blue, high flow polypropylene filter housing with pressure relief. For 20" filter cartridges. 20 gpm @ 2 psid.	1"	4-1/2"	#20	PS150061
370-1965	PS150061	* Mounting Bracket for PS150237 Housing				







PS150437

PS150237



PS158002

PS150071 Designs and specifications are for reference only and are subject to change without notice. Reprinted from manufacturer's material.

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Filter Cartridges

Rohaco Code	Model #	Description	Туре	Diameter	Micron Type	Housing (gpm)	Flow Rate
	PS155214-43	String-wound polypropylene sediment filter cartridge for 2-1/4" X 10" filter housings. Requires PS150542 or PS150559 housing.	sediment	2-1/4"	50	#10	10 @ 1psid
	PS155071-43	String-wound polypropylene sediment filter cartridge for 2-1/2" X 10" filter housings.	sediment	2-1/2"	5	#10	10 @ 2.5 psid
370-1970	PS155751-43	Polypropylene sediment filter cartridge for 2-1/2" X 10" filter housings.	sediment	2-1/2"	25	#10	6 @ 5 psid
370-1915	PS155749-43	Polypropylene sediment filter cartridge for 2-1/2" X 10" filter housings	sediment	2-1/2"	5	#10	2 @ 2 psid
	PS155053-43	Reusable, pleated polyester sediment filter cartridge for 4-1/2" X 10" Big Blue/Clear® filter housings.	sediment	4-1/2"	50	#10	10 @ 1 psid
	PS155355-43	Gradient density polypropylene (high dirt holding capacity) sediment filter cartridge for 4-1/2" X 10" Big Blue/Clear® filter housings.	sediment	4-1/2"	25	#10	10 @ 1 psid
370-1905	PS155357-43	Gradient density polypropylene (high dirt holding capacity) sediment filter cartridge for 4-1/2" X 10" Big Blue/Clear® filter housings.	sediment	4-1/2"	5	#10	10 @ 1 psid
	PS155358-43	Gradient density polypropylene (high dirt holding capacity) sediment filter cartridge for 4-1/2" X 20" Big Blue/Clear® filter housings.	sediment	4-1/2"	5	#20	20 @ 1 psid
	PS255486-43	Pleated cellulose polyester sediment filter cartridge for 4-1/2" X 10" Big Blue/Clear® filter housings.	sediment	4-1/2"	5	#20	20 @ 1 psid
370-1955	PS155110-43	Granular Activated Carbon filter cartridge for 2-7/8" X 5" filter housings. 2 ppm chlorine removal capacity: 250 gallons @ 0.5 gpm.	taste/odor	2-7/8"	30	#5	0.5 @ 3 psid
370-1920	PS155155-43	Coconut shell GAC filter cartridge for 2-7/8" X 10" filter housings. 2 ppm chlorine removal capacity: 7500 gallons @ 1 gpm.	taste/odor	2-7/8"	20	#10	1 @ 4.5 psid
	PS155247-43	Radial-flow GAC filter cartridge for 4-1/2" X 20 Big Blue/Clear® filter housings. 2ppm chlorine removal capacity: 70,000 gallons+ @ 4 GPM.	taste/odor	4-1/2"	25	#20	4 @ 0.9 psid
370-1945	PS155131-43	Combination carbon/phosphate filter cartridge for 2-7/8" X 10" filter housings. 2 ppm chlorine removal capacity: 2000 gallons @ 1 gpm.	taste/odor, scale, rust	2-7/8"	30	#10	1 @ 2.5 psid
370-1930	PS155083-06	1/4" FNPT in-line filters with coconut shell GAC and polyphosphate crystals (no housings required). 10-1/2" length.	taste/odor, scale, rust	2"	1.51	Not Required	0.75
370-1925	PS155398-43	Non-cellulose, carbon-impregnated, pleated polyester filter cartridge for 4-1/2" X 10" Big Blue/Clear® filter housings.	taste/odor, sediment	4-1/2"	10	#10	8 @ 2 psid
	PS155100-43	Phosphate crystal cartridge for 2-7/8" X 10" filter housings.	scale, rust	2-7/8"	na	#10	5

PS155083-06

PS155110-43

PS155155-43

PS155398-43





Filtration Systems

Rohaco Code	Model #	Description Size	Connection	Micron
	PS158683	1/4" white Quick-Change® chlorine taste & odor filter. Self-contained with wall bracket and 1/4" push-fit connections. 2 ppm chlorine removal capacity: 1500gallons @ 0.5 gpm.	1/4"	5
	PS155962-43	Replacement chlorine taste & odor cartridge for Quick Change® System #PS158683.		5
	PS158684	1/4" blue Quick-Change® GAC chlorine taste & odor filter. Self-contained with wall bracket and 1/4" push-fit connections. 2 ppm chlorine removal capacity: 2500 gallons @ 0.75 gpm.	1/4"	30
	PS155901-43	Replacement GAC chlorine tase & odor cartridge for Quick Change® System #PS158684.		30
370-1935	PS158724	3/8" blue Quick-Change® GAC & phosphate filter for taste, odor, scale, corrosion, & iron. Self-contained with wall bracket and 3/8" push-fit connections. 2 ppm chlorine removal: 1700 gallons @ 0.75 gpm.	3/8"	30
370-1940	PS255706-43	Replacement GAC/Phosphate cartridge for Quick Change® system #PS158724.		30
	PS160288	PS-2 Under-Sink Drinking Water System with electronic filter life monitor and long-reach chrome faucet. Effectively reduces or eliminates taste/odor, lead, cysts, chlorine, sediment, asbestos, mercury, MTBE, Turbidity, and VOC's.	1/4"	0.5
	PS155584-44	Replacement cartridge set for Under-Sink Drinking Water System.		0.5
	PS500000	PS-5: 40 gallon per day, 2 cartridge design, residential reverse osmosis system. Includes chrome air-gap faucet and installation kit.	1/4"	0.0005

BrassMaster





CUNO / PURE SIMPLICITY CARTRIDGE CROSS-OVER

CUNO #	RH CODE	CARTRIDGE TYPE	PURE SIMPLICITY#	RH CODE
AP801	370-1647	HOUSING & WRENCH - LESS CRTRDG	PS150237	370-1900
AP810	370-1895	SEDIMENT	PS155357-43	370-1905
AP817		TASTE / ODOR / SEDIMENT	PS155398-43	370-1925
MB801 MT BKT	370-2050	MOUNTING BRACKET ONLY	PS150061	370-1965
AP11T	370-1595	HOUSING, WRENCH & SED CRTRDG	PS150071C	370-1910
AP110	370-1800	SEDIMENT	PS155749-43	370-1915
AP117	370-1820	TASTE / ODOR	PS155155-43	370-1920
AP717	370-1645	TASTE / ODOR / SCALE / RUST	PS155083-06	370-1930
AP510	370-1640	HOUSING, BRKT & CRTRDG	PS158724	370-1935
AP517	370-1890	NO CROSS-OVER / MUST USE CUNO		
AP200	370-1620	HOUSING, BRKT, WRENCH & CRTRDG	PS158002C	370-1950
AP217	370-1840	SCALE / RUST	PS155110-43	370-1955
AP101T	370-1600	HOUSING, WRENCH & SED CRTRDG	PS150437C	370-1960
		SEDIMENT	PS155751-43	370-1970

Additional items call Soderholm for cross-reference



BrassMaster





Designer RO Faucets

Pure Refreshment with Style

Add a touch of style to your Pure Simplicity home filtration system with a designer tap. All faucets feature the latest designs, optional air gap assemblies, and a wide array of popular finishes.

- Combines quality and style with up-sell appeal
- Retrofits most brands
- Smooth operating ceramic disk cartridge
- Lever style handle
- Standard finish is highly polished chrome; other designer finishes available (see back)
- High reach neck design of 12" (305 mm); optional shorter neck also available
- Neck swivels easily, 360°
- Unique protective spout tip prevents after drip
- Modular air gap (patent pending)
- Base diameter is 2-1/4" (57 mm)
- Preinstalled tubing for quick connections
- Mounting hardware included
- NSF listed to ANSI NSF Std. 61-1999a
- Two-year warranty

Code#	Description	Model#
370-4000	Polished Chrome	PS1019299
	Satin Nickel	PS1019301
	White	PS1019303
	Biscuit	PS1019305
	Polished Brass	PS1019309
	Antique Bronze	PS1019311
	Black	PS1019307
	Bright Nickel	PS1019444
370-4005	Brushed Stainless Finish (Not Shown)	PS1020518

Color order is same as above





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Notes