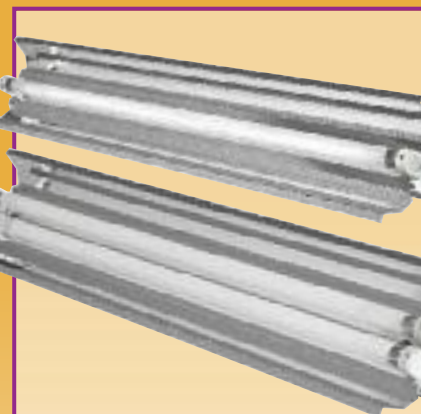
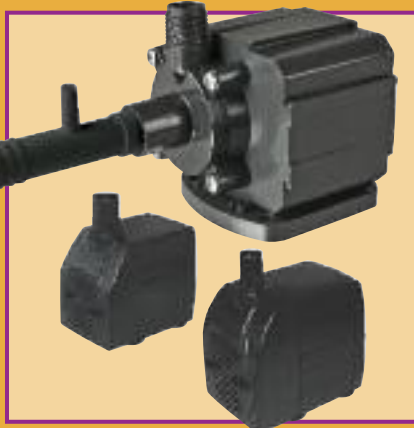


Supreme - HYDROPONICS™

By Danner Manufacturing, Inc.

2011 PRODUCTS



T5 Grow Light Fixtures & Lamps
Nutrients
Ebb & Flow Trays
Recirculating Water & Air Pumps
Low & High Volume Air Pumps
Submersible/In-Line UV Clarifiers
Accessories & More



Supreme - HYDROPONICS™

By Danner Manufacturing, Inc.

Danner Manufacturing is a nationally known and recognized supplier of pumps, filters and accessories currently used in hydroponics, water gardens, ponds, statuary and aquariums. For over three generations, we have been designing, manufacturing and distributing a wide array of water-handling products for all of these various applications. Our dedication to improving their efficiency and durability has earned us the continuing respect and loyalty of professionals, and hobbyists alike.



SUBMERSIBLE WATER PUMPS

FEATURES

- Designed for Submersible Use
- Suitable for Ebb & Flow Applications
- Energy Efficient
- 6 ft Power Cord



70 GPH Pump - UPC 40303

- Maximum Flow: 70 GPH
- Maximum Pumping Height: 2'
- Includes 1/4" and 1/2" Tubing Adaptors

93 GPH Pump - UPC 40307

- Maximum Flow: 93 GPH
- Maximum Pumping Height: 2.5'
- Includes 1/4" and 1/2" Tubing Adaptors

120 GPH Pump - UPC 40313

- Maximum Flow: 120 GPH
- Maximum Pumping Height: 3'
- Includes 1/4" and 1/2" Tubing Adaptors

200 GPH Pump - UPC 40317

- Maximum Flow: 200 GPH
- Maximum Pumping Height: 6.5'
- Includes 1/4" and 1/2" Tubing Adaptors



SUBMERSIBLE/IN-LINE WATER PUMPS

FEATURES

- Submersible or In-line Use
- Suitable for Ebb & Flow Applications
- Energy Efficient
- 6 ft Power Cord



Shown with In-line Volute

290 GPH Pump - UPC 40323

- Maximum Flow: 290 GPH
- Maximum Pumping Height: 6.5'
- Inlet Size: 1/2" MPT
- Outlet Includes: 1/2", 5/8" and 3/4" Adaptors

400 GPH Pump - UPC 40327

- Maximum Flow: 400 GPH
- Maximum Pumping Height: 8.5'
- Inlet Size: 1/2" MPT
- Outlet Includes: 1/2", 5/8" and 3/4" Adaptors

530 GPH Pump - UPC 40333

- Maximum Flow: 530 GPH
- Maximum Pumping Height: 9'
- Inlet Size: 1/2" MPT
- Outlet Includes: 1/2", 5/8" and 3/4" Adaptors

725 GPH Pump - UPC 40337

- Maximum Flow: 725 GPH
- Maximum Pumping Height: 12'
- Inlet Size: 1/2" MPT
- Outlet Includes: 1/2", 5/8" and 3/4" Adaptors



RECIRCULATING WATER & AIR PUMP



Models 2 through 18 incorporate an adjustable venturi which adds aeration into the nutrient rich water flow, stimulating root growth.

FEATURES

- Time Proven Magnetic Drive Technology
- Energy Efficient
- In-line or Submersible Operation
- Model 1.9 has 3/8" MPT Inlet and 1/4" MPT Outlet
- Models 2 through 7 have 1/2" FPT Inlet and MPT Outlet
- Models 9.5 through 18 have 3/4" FPT Inlet and MPT Outlet
- Model 24 has 1" FPT Inlet and MPT Outlet
- 10 ft Power Cord



Model 1.9	UPC 40120	Model 9.5 with Venturi	UPC 40129
Max. Flow Rate	190 GPH	Max. Flow Rate	950 GPH
Model 2 with Venturi	UPC 40122	Model 12 with Venturi	UPC 40132
Max. Flow Rate	250 GPH	Max. Flow Rate	1200 GPH
Model 3 with Venturi	UPC 40123	Model 18 with Venturi	UPC 40138
Max. Flow Rate	350 GPH	Max. Flow Rate	1800 GPH
Model 5 with Venturi	UPC 40125	Model 24	UPC 40140
Max. Flow Rate	500 GPH	Max. Flow Rate	2400 GPH
Model 7 with Venturi	UPC 40127		
Max. Flow Rate	700 GPH		



HY-DRIVE PUMPS

FEATURES

- Hybrid Direct Drive Design
- Energy Efficient to Reduce Operating Cost
- Oil-Free with No Seals to Wear Out
- Continuous Duty Use
- In-line or Submersible Operation
- 1-1/2" FPT Inlet and MPT Outlet



1400 HY-Drive Pump	UPC 40405	5100 HY-Drive Pump	UPC 40435
Max. Flow Rate	1400 GPH	Max. Flow Rate	5100 GPH
1900 HY-Drive Pump	UPC 40415	6600 HY-Drive Pump	UPC 40445
Max. Flow Rate	1900 GPH	Max. Flow Rate	6600 GPH
2550 HY-Drive Pump	UPC 40425		
Max. Flow Rate	2550 GPH		



DE-WATERING PUMPS

FEATURES

- 25' Power Cords
- Completely Submersible
- Pumps down to 1/8"
- Easily Attaches to Garden Hose



300 GPH De-Watering Pump	UPC 40460	1400 GPH De-Watering Pump*	UPC 40465
Weight	2.75 lbs.	Weight	8 lbs.
Outlet	3/4" GHT	Outlet	1" FNPT
Watts	18 Max	Watts	370 Max
Amps	.2A Max	Amps	4A Max
Shut off Height	6'	Shut off Height	24'
Max Flow Rate	300 GPH	Max Flow Rate with 3/4" Hose	1400 GPH
		Max Flow Rate with 1-1/2" Hose	1900 GPH

*When Used with a 3/4" Hose



LOW VOLUME AIR PUMPS

FEATURES

- Aerates Nutrients to Stimulate Root Growth
- Energy-Efficient Motor
- Easy to Use
- Quiet Operation
- Accepts Standard Airline Tubing



AP-2	UPC 40512
Air Volume	73 cu.in/min
Max. Water Depth	3'
Number of Outlets	1
Watts	1.5
Pressure	0.010 MPa (1.45 psi)

AP-4	UPC 40514
Air Volume	275 cu.in/min
Max. Water Depth	4'
Number of Outlets	2, flow adjustable
Watts	3.5
Pressure	0.014 MPa (2.0 psi)

AP-3	UPC 40513
Air Volume	110 cu.in/min
Max. Water Depth	3.3'
Number of Outlets	1
Watts	2.8
Pressure	0.010 MPa (1.45 psi)

AP-8	UPC 40518
Air Volume	549 cu.in/min
Max. Water Depth	4.5'
Number of Outlets	4, flow adjustable
Watts	7
Pressure	0.014 MPa (2.0 psi)



HIGH VOLUME AIR PUMPS

FEATURES

- Energy-Efficient Motor
- Easy to Use
- Quiet Operation
- High Volume with Steady Air Flow
- No Lubrication Necessary
- Single Outlet Discharge
- Air Diffuser Included



AP-20	UPC 40522
Air Volume	1700 cu.in/min
Max. Water Depth	7'
Cord Length	6'
Noise Level	40 dba
Watts	20
Weight	5 lbs
Air Diffuser Outlets	6
Pressure	4.0 psi

AP-60	UPC 40526
Air Volume	5500 cu.in/min
Max. Water Depth	9.6'
Cord Length	6'
Noise Level	45 dba
Watts	50
Weight	14 lbs
Air Diffuser Outlets	14
Pressure	5.66 psi

Note: Can Accept 1/2" I.D. Tubing to Extend Distance between Air Pump and Diffuser

Note: Can Accept 3/4" I.D. Tubing to Extend Distance between Air Pump and Diffuser

AP-40	UPC 40524
Air Volume	2900 cu.in/min
Max. Water Depth	10'
Cord Length	6'
Noise Level	40 dba
Watts	40
Weight	9 lbs
Air Diffuser Outlets	12
Pressure	5.8 psi

AP-100	UPC 40528
Air Volume	9150 cu.in/min
Max. Water Depth	11.5'
Cord Length	6'
Noise Level	45 dba
Watts	100
Weight	16.5 lbs
Air Diffuser Outlets	33
Pressure	6.53 psi

Note: Can Accept 5/8" I.D. Tubing to Extend Distance between Air Pump and Diffuser

Note: Can Accept 3/4" I.D. Tubing to Extend Distance between Air Pump and Diffuser



SUBMERSIBLE/IN-LINE UV CLARIFIERS

FEATURES

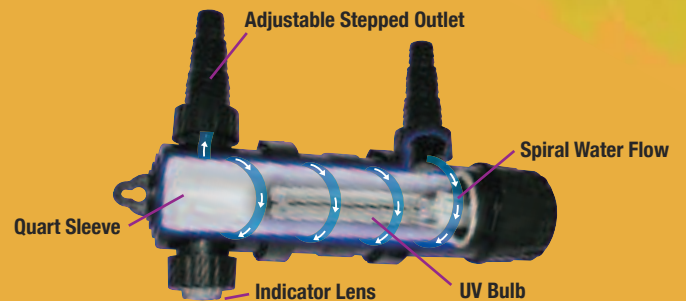
- Unique Design Protects Quartz Sleeve from Damage while Creating a Spiral Water Flow Around UV Lamp, Prolonging UV Exposure Time
- Indicator Lens Confirms Unit is On and Operating
- Stepped Outlet can be Conveniently Adjusted to Either Side of Unit
- Available in a 9 Watt and 18 Watt
- For Indoor and Outdoor Use

9 Watt Submersible UV Clarifier - UPC 45110

Voltage	115 V
Maximum Pump Size	550 GPH
Stepped Inlet/Outlet	3/4", 1" and 1-1/4"

18 Watt Submersible UV Clarifier - UPC 45120

Voltage	115 V
Maximum Pump Size	1200 GPH
Stepped Inlet/Outlet	3/4", 1" and 1-1/4"



NUTRIENTS

Supreme-Hydroponics offers three carefully formulated nutrients for hydroponic systems: Micro, Grow and Bloom. These nutrients should be used in conjunction with each other for best results.

MICRO: When growing plants hydroponically, the micronutrients that the plant would normally get from the soil are not present. Adding Supreme-Hydroponics nitrogen-rich (5-0-1) "Micro" is essential since it is specifically formulated to provide all of the basic micronutrients needed to thrive. In addition to a high percentage of nitrogen, "Micro" also contains calcium, cobalt, iron, manganese and molybdenum.

GROW: This is a potassium-rich (2-1-6) formula specifically designed to encourage strong, lush vegetative growth of young, developing plants as well as continued growth of leafy greens like lettuce and herbs.

BLOOM: This phosphorus- and potassium-rich (0-6-5) nutrient is specifically designed to promote the production and development of buds and blooms. Use Supreme-Hydroponic "Bloom" after plants are well established to trigger them into developing numerous buds and blooms. This formula is perfect for fruiting plants such as tomatoes and peppers as well as for flowering plants like African violets, orchids, etc.



GROW NUTRIENT FORMULA	UPC 40730
16 oz., (1 pt.)	
GROW NUTRIENT FORMULA	UPC 40710
32 oz., (1 qt.)	
MICRO NUTRIENT FORMULA	UPC 40735
16 oz., (1 pt.)	
MICRO NUTRIENT FORMULA	UPC 40715
32 oz., (1 qt.)	
BLOOM NUTRIENT FORMULA	UPC 40740
16 oz., (1 pt.)	
BLOOM NUTRIENT FORMULA	UPC 40720
32 oz., (1 qt.)	

LIMITED
3-YEAR
 WARRANTY

T5 GROW LIGHT LAMP FIXTURES

THIS QUALITY FIXTURE WITH REFLECTOR is designed for hydroponics applications. It effectively captures and directs available light onto growing trays which helps increase overall growing area. The single lamp fixture includes a 6500K bulb for rooting and vegetative growth. The two lamp fixture includes a 6500K lamp for vegetative growth, along with 3000K lamp for flowering and fruiting.



FEATURES

- Mirror Finished Reflector Concentrates Light on Growing Area
- High Output Ballast Designed for T5 Grow Lamps
- Includes Hardware to Hang Fixture
- 6 Foot Power Cord
- UL Listed to US and Canadian Safety Standards

2 Foot - 1 Lamp HO T5 Fixture UPC 40820

- Includes One 6500K Lamp
- 24 Watt Total Output

2 Foot - 2 Lamp HO T5 Fixture UPC 40825

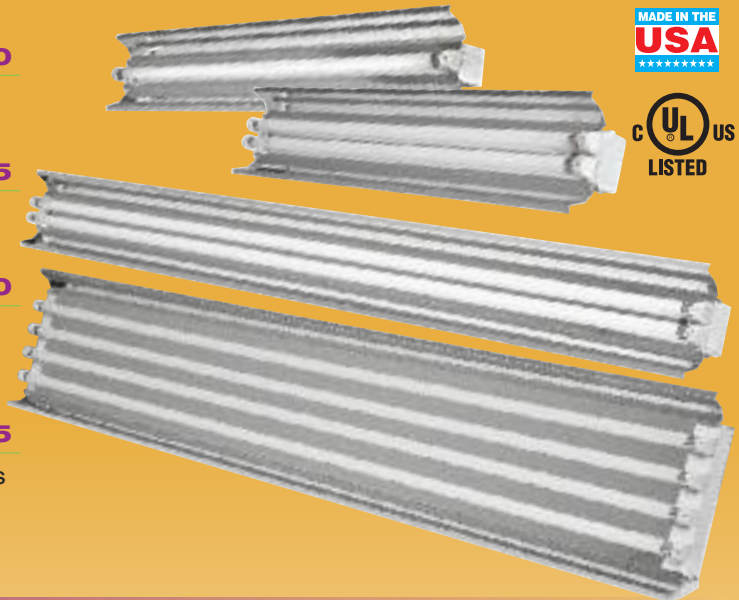
- Includes One 3000K Lamp and One 6500K Lamp
- 48 Watt Total Output

4 Foot - 2 Lamp HO T5 Fixture UPC 40840

- Includes One 3000K Lamp and One 6500K Lamp
- Accepts 54 Watt HO T5 Lamps
- 108 Watt Total Output

4 Foot - 4 Lamp HO T5 Fixture UPC 40845

- Includes Two 3000K Lamps and Two 6500K Lamps
- Accepts 54 Watt HO T5 Lamps
- 216 Watt Total Output



MADE IN THE
USA
 ★★★★★★

UL
 LISTED

T5 GROW LAMPS

Young Plants Do Best with Full Spectrum Light. We Recommend using the 3000K and 6500K Lamps in Combination to Produce a Full Spectrum Effect. 3000K Lamp Recommended for flowering and fruiting and 6500K Lamp recommended for vegetative growth.

FEATURES

- 20,000 Hour Rated Life
- Fits All High Output Fixtures



**T5 HO 24 Watt 3000K
 Grow Lamp Bulk Pack**

UPC 48821

**T5 HO 24 Watt 6500K
 Grow Lamp Bulk Pack**

UPC 48823

**T5 HO 54 Watt 3000K
 Grow Lamp Bulk Pack**

UPC 48841

**T5 HO 54 Watt 6500K
 Grow Lamp Bulk Pack**

UPC 48843

**T5 HO 24 Watt 3000K
 Grow Lamp Printed Sleeve**

UPC 48831

**T5 HO 24 Watt 6500K
 Grow Lamp Printed Sleeve**

UPC 48833

**T5 HO 54 Watt 3000K
 Grow Lamp Printed Sleeve**

UPC 48851

**T5 HO 54 Watt 6500K
 Grow Lamp Printed Sleeve**

UPC 48853

EBB & FLOW TRAYS

Small Flood Table/Reservoir **UPC 40905**

Approximate Size: 24" x 18" x 6"

Medium Flood Table/Reservoir **UPC 40910**

Approximate Size: 34" x 24" x 8"

Fill/Drain Fittings **UPC 49911**

Fits Small and Medium Flood Tables/Reservoirs



GROWING MEDIA

Gro-dan® Plant Starter **UPC 44705**

36" x 40", 6" x 15" Hole

Gro-dan® 3" x 2.5" x 3" Block **UPC 44716**

DM4G, 42" x 40" Hole (Not Shown)

Gro-dan® 4" x 4" x 4" Block **UPC 44727**

DM10G, 42" x 40" Hole

Gro-dan® Growcubes Medium Bag **UPC 44738**

0.9 cu. ft.

Gro-dan® Growcubes Large Bag **UPC 44749**

2.0 cu. ft.

Gro-dan® Gro-Smart Starter Tray **UPC 44751**

Oasis® Start Tray with Medium **UPC 44765**

Oasis® 1" Growing Medium **UPC 44773**

2 Pack

Oasis® 1" Thin Cut Medium **UPC 44781**

2 Pack



Gro-Dan® is the registered trade mark of Grodan, Inc.
Oasis® is the registered trade mark of Smithers-Oasis Company

GROW POTS

2" Dia Grow Pot **UPC 40931**

3" Dia Grow Pot **UPC 40933**

4" Dia Grow Pot **UPC 40935**



GROW FLATS

Standard Grow Flat **UPC 40941**

Top for Standard Grow Flat **UPC 40943**



TUBING

1/2" x 10' Standard Black Tubing **UPC 12012**

3/4" x 3' Standard Black Tubing **UPC 12134**



AIR DIFFUSERS

6" Straight Air Diffuser	UPC 14570
6" Straight Air Diffuser with Tubing Includes 20' of 5/8" Tubing	UPC 14575
7" Diameter Ring Air Diffuser	UPC 14580
4 Ft Air Diffuser (Not Shown)	UPC 14585
8 Ft Air Diffuser (Not Shown)	UPC 14590
5m (16 Ft) Airline Tubing	UPC 14625
Airline Check Valve	UPC 14635
4" Air Stone	UPC 14640
6" Air Stone	UPC 14645
8" Air Stone	UPC 14650



MERCHANDISE PLAN-O-GRAMS

2 Ft Starter Assortment Display	UPC 22840
3 Ft Water/Air Pump Display	UPC 22830
3 Ft Assorted Display	UPC 22845
4 Ft Water/Air Pump Display	UPC 22835
4 Ft Assorted Display	UPC 22850



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DANNER MANUFACTURING, INC.

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