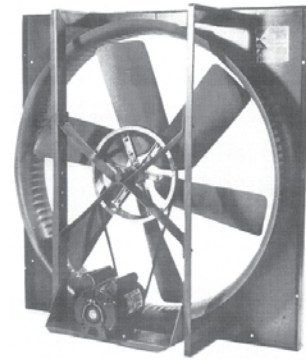


# Type NBF Fans

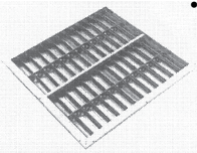
## Economical, Practical, Effective



American Coolair's Type NBF fan provides the solution to fresh air ventilation in most types of greenhouses. Type NBF fans are built to give you years of heavy-duty trouble-free service. The rugged, belt driven construction operates in any position, has permanently lubricated ball bearings, and is available with single or two speed totally enclosed motors. Coolair has developed a complete ventilation system for greenhouse use combining the Type NBF fan with all aluminum shutters (LRW) and heavy gauge galvanized steel slope wall housing for exterior mounting, allowing a maximum of unobstructed interior space.

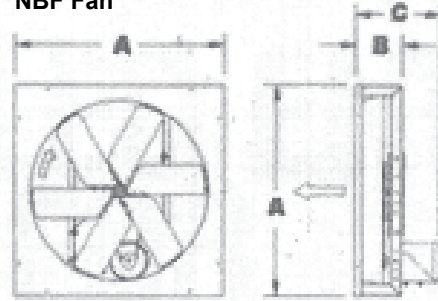


- TYPE SWH (SLOPE) WALL HOUSING**  
 Allows shutter to be placed on intake side of fan and eliminates air turbulence that occurs with shutter on down-wind side of the fan. Prevents warm air from being lost through metal wall housing to outside cold air in cold climate operations. Constructed of galvanized steel for long, durable wear and low maintenance.



- TYPE LRW SHUTTER (ALL ALUMINUM)**  
 Extruded aluminum frame with interlocking L aluminum blades for maximum weather seal. Double panel shutters constructed with rigid "T" section center member to prevent shutter blades from sticking. Nylon bearings on all movable linkage. Sturdy, extruded aluminum tie-bar is connected exactly on centers of blades, dual-tie bars on double panel units. Gravity or motor operated.

NBF Fan



### Performance Data - Type NBF Fan

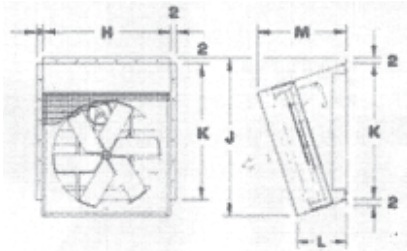
All specifications subject to change without notice.

Model	Size	Motor H.P.	Fan RPM	Approx. Ship Wt.	.10" S. P.	
					CFM	BHP*
NBF24G	24" A: 32 B: 10-5/16 C: 17 7/8	1/4	627	70	4755	0.258
NBF24H		1/3	706	73	5490	0.364
NBF24J		1/2	815	79	6550	0.549
NBF24K		3/4	972	93	7970	0.915
NBF30G	30" A: 38 B: 10 5/16 C: 17 7/8	1/4	486	77	6480	0.295
NBF30H		1/3	533	80	7360	0.383
NBF30J		1/2	627	86	9020	0.611
NBF30K		3/4	706	106	10350	0.862
NBF36H	36" A: 44 B: 10 1/16 C: 17 7/8	1/3	419	100	8890	0.399
NBF36J		1/2	474	110	10580	0.572
NBF36K		3/4	541	118	12495	0.839
NBF36L		1	609	120	14360	1.184
NBF42J	42" A: 50 B: 9 7/16 C: 17 1/8	1/2	365	122	11925	0.546
NBF42K		3/4	433	128	14930	0.888
NBF42L		1	474	130	16685	1.157
NBF48J		48" A: 56 B: 10 1/8 C: 17 7/8	1/2	303	146	14300
NBF48K	3/4		350	152	17650	0.910
NBF48L	1		373	154	19220	1.104
NBFH48L	1		396	154	20800	1.320
NBFA54L	54" A: 62 B: 10 5/8 C: 18 1/4	1	350	280	21360	1.058
NBFA54M		1 1/2	414	296	26475	1.725

### SWH (slope) Wall Housing Dimensions

Model	H	J	K	L	M	Ship Wt.
GSWH24	32 3/8	38 9/16	32 3/8	22 15/16	28	52
GSWH30	38 3/8	43 15/16	38 1/2	22	28	67
GSWH36	44 3/8	50	44 9/16	21 13/16	28 11/16	82
GSWH42	50 3/8	55 7/8	50 5/8	20 1/2	28 3/8	104
GSWH48	56 3/8	62 1/16	56 11/16	21 1/16	29 7/8	122
GSWH54	62 3/8	68 3/16	62 3/4	22 1/2	31 1/4	132

Rough Opening: Add 1/2" to H for width and for 2" wall add 3/4" to K for height, 4" wall add 1 1/4" to K for height, 6" wall add 1 1/2" to K for height



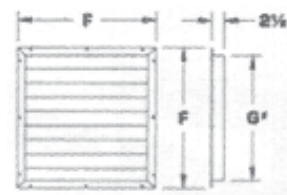
Sloped Wall Housing

### Type LRW Shutter Dimensions

Model	F (O.D.)	G (I.D.)	Ship Wt.
LRW27	30 1/4	27	12
LRW33	36 1/4	33	14
LRW39	42 1/4	39	17
LRW45	48 1/4	45	20
LRW51	54 1/4	51	24
LRW57	60 1/4	57	30

\* For Net Opening Add 1/2" to I.D.

Aluminum Shutter



# Type NBF Fan Pricing

**Volume Discounts Available: CALL!**



Fans may also be ordered as an assembled package (order as MNBF) for an upcharge.

NBF Steel Fan Only ENERGY EFFICIENT TOTALLY ENCLOSED MOTORS							QTY	Slope Wall Housing & Guard	QTY	All Aluminum Shutters			QTY
Blade Dia.	HP	Fan Model	Single Speed		Two Speed					Use with Fan Size	Gravity Operated	Motorized	
			One Phase 115/230V	Three Phase 208/230/460V	115V	230V							
24"	1/4	NBF24G	\$455.00	\$455.00	\$512.00	\$517.00	GSWH24 \$161.00			LRW16E \$170.00			
	1/3	NBF24H	\$455.00	\$455.00	\$512.00	\$517.00							
	1/2	NBF24J	\$509.00	\$461.00	\$512.00	\$517.00							
	3/4	NBF24K	\$505.00	\$474.00	\$545.00	\$563.00							
30"	1/4	NBF30G	\$479.00	\$479.00	\$536.00	\$541.00	GSWH30 \$185.00	24"	LRW27 \$98.00	LRW27E \$197.00			
	1/3	NBF30H	\$479.00	\$479.00	\$536.00	\$541.00							
	1/2	NBF30J	\$533.00	\$485.00	\$536.00	\$541.00		30"	LRW33 \$120.00	LRW33E \$219.00			
	3/4	NBF30K	\$529.00	\$498.00	\$569.00	\$587.00							
36"	1/3	NBF36H	\$492.00	\$492.00	\$549.00	\$554.00	GSWH36 \$211.00	36"	LRW39 \$160.00	LRW39E \$259.00			
	1/2	NBF36J	\$546.00	\$498.00	\$549.00	\$554.00							
	3/4	NBF36K	\$542.00	\$511.00	\$582.00	\$600.00		42"	LRW45 \$204.00	LRW45E \$303.00			
	1	NBF36L	\$550.00	\$517.00									
42"	1/2	NBF42J	\$628.00	\$580.00	\$631.00	\$636.00	GSWH42 \$245.00	48"	LRW51 \$233.00	LRW51E \$332.00			
	3/4	NBF42K	\$624.00	\$593.00	\$664.00	\$682.00							
	1	NBF42L	\$632.00	\$599.00				54"	LRW57 \$283.00	LRW57E \$382.00			
48"	1/2	NBF48J	\$696.00	\$648.00	\$699.00	\$704.00	GSWH48 \$301.00						LRW4515E \$305.00
	3/4	NBF48K	\$692.00	\$661.00	\$732.00	\$750.00							
	1	NBF48L	\$700.00	\$667.00									
54"	1	NBFA54L	\$793.00	\$760.00			GSWH54 \$354.00			LRW4527E \$355.00			
	1 1/2	NBFA54M	\$912.00	\$835.00									
<ol style="list-style-type: none"> <li>All motors are energy efficient totally enclosed ball bearing motors. Single phase motors include automatic reset overload protection. Three phase motors do not include overload protection.</li> <li>Wall housing shipped knocked-down (KD) for assembly with fan and shutter. 1/2" x PVC coated wire guard included with wall housings.</li> <li>Add 2S to model number for 2 speed motors</li> </ol>										LRW6024E \$427.00			
										LRW6036E \$443.00			

HEATING & COOLING

## Line Voltage Thermostats



For use in agricultural, commercial and industrial applications, these thermostats are designed to control automatic ventilation or heating systems. Single stage thermostat (SPDT) is used for line voltage or low voltage control of fans or heaters. The temperature range is 30° to 110° F. Two Stage thermostat (2- SPDT) is used for control of two-speed fan or two stages of heating or cooling. The temperature range is 30° to 110° F. There is a 3.5° temperature differential between the two stages. Measures: 5.5" x 2" x 2".

Catalog #	Description	Each
075-332-206	2E206 One Stage	\$46.20
075-332-207	2E207 Two Stage	\$85.50

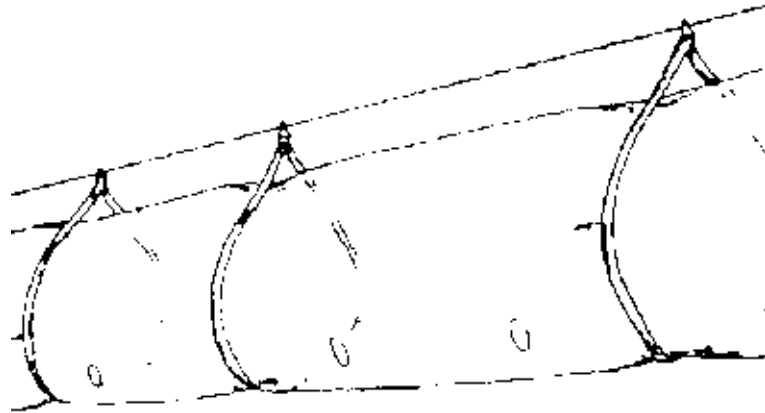
## How to select the correct fan size:

- You will need to know the CFM (cubic feet per minute) of air movement needed for your structure.
- \*To obtain this information simply multiply structure length x structure width x eight.  
(L x W x 8 = Std. CFM).
- For example, a 30' x 96' greenhouse would require 23,040 CFM (30 x 96 x 8).
- Using the performance data on previous page, locate the CFM range that best matches your needs.

*\*This formula is for Standard CFM requirements, specific growing needs may require more or less CFM air movement.*

# Convection Tubing

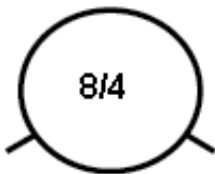
This polyethylene is 4 mil and is protected with strong ultra violet inhibitor. The inhibitor is not tinted in order to retain maximum clarity for light penetration. The plastic also has an additive to increase its strength and clarity. These tubes are manufactured using a formulation specified for the greenhouse environment. Each tube is custom punched to your specifications.



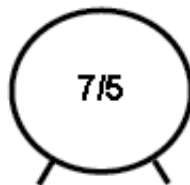
### Punching Options:

Normal punch position is at 8 and 4 o'clock. For heating application, 7 and 5 o'clock should be specified. 9 and 3 o'clock punching provides more lateral air movement. Edge punching can be done when only one row for holes is required. Hole sizes available: 2", 2½", 3". Please specify length of greenhouse for proper punching.

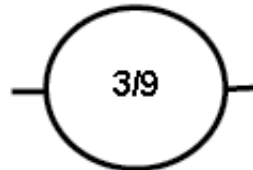
Normal used unless other specified



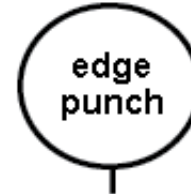
For Heating



For Max Lateral Airflow



For Directional Airflow



Catalog #	Description	Lay Flat	>500'	500' +
021-201-200	12" Convection Tubing	19"	0.58/ft	0.54/ft
021-201-800	18" Convection Tubing	29-1/2"	0.66/ft	0.61/ft
021-202-400	24" Convection Tubing	38"	0.88/ft	0.81/ft
021-203-000	30" Convection Tubing	47"	1.02/ft	0.94/ft

MINIMUM: THERE IS A \$25.00 MINIMUM ORDER ON CONVECTION TUBING.

WE MAY NEED A 24 HOUR MINIMUM LEAD TIME FOR ALL CUSTOM PUNCHED CONVECTION TUBING.

UNPUNCHED: UNPUNCHED TUBING IS .02¢/LF. LESS.

Catalog #	Description	Each Price
021-241-200	12" SusHoops	\$1.15
021-241-800	18" Sus-Hoops	\$1.15
021-242-400	24" Sus-Hoops	\$1.15
021-243-000	30" Sus-Hoops	\$1.15
021-259-900	Tube Hanger	\$1.24

### Sus-Hoops:

A tape of polyethylene which surrounds and suspends the tube from a wire and sus-strap made of beaded plastic locks the hoop around the wire. Reusable. Use 12 Sus-Hoops per 100'. Please specify tube size when ordering.

### Tube Hangers:

A reusable three piece clamp for hanging polyethylene tubing to overhead wire. 10/pkg. Space hangers every 6 ft. - 10 ft.





## BioTherm® Benchwarmer™

-The Original Bench Top Heating Kits

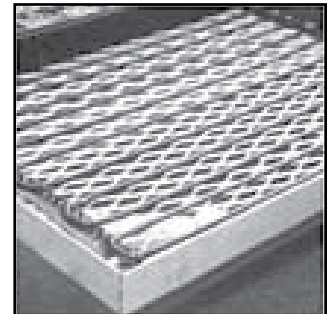
Pre-wired controls make it possible for you to set the soil temperature your plants require using a sensor in a sample pot. The system will regulate the temperature with a pre-wired temperature control.

Energy efficient, effective bottom heat uses conventional hot water heaters. Install on or under the bench top or on the floor.

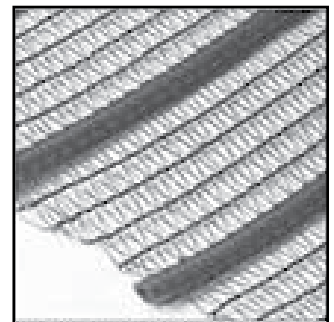
The concept of root zone heating in the greenhouse was perfected during the 1980's energy crisis by TrueLeaf, it remains current for today's economy—heat just where you need it, at crop level.

### TrueLeaf Benchwarmer™ Kit Features:

- *Efficient*— Put the heat where it is needed, at the crop level. Allows lower air temperatures and 20-40% less fuel use.
- *Effective*— Heating the root zone and microclimate increases plant quality and shortens the production cycle.
- *Simple*— Pre-packaged Benchwarmer Kit installs quickly and easily— no special tools needed. One to Five benches up to 1,000 SF— install on top of benches, under benches or on the greenhouse floor.
- *Safe*— Reliable heat without the shocking experience of electric mats.
- *Supported*— 24/7 technical support @ 800.438.4328



The Original BioTherm tubing Benchwarmer Kit

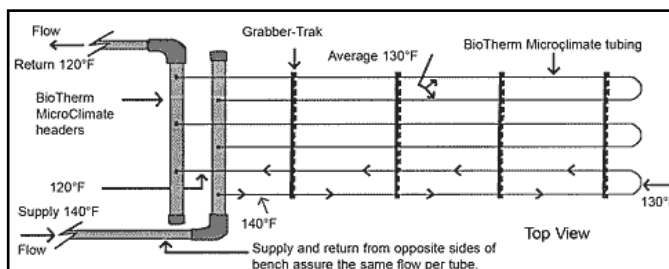
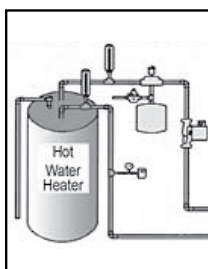


Optional Roll-N-Grow Mesh for bench & floor applications

### Benchwarmer™ Kit Includes:

- TrueLeaf BioTherm MicroClimate™ Tubing
- TrueLeaf BioTherm MicroClimate™ Headers
- TrueLeaf BioTherm MicroClimate™ Grabber-Trak
- Air and Water Controls
- Circulator Pump
- Pre-Wired Control with special Soil Sensor
- Thermometers to check supply and return water temperatures
- Installation Manual with extensive drawings
- 24/7 Technical Support
- 10 year limited warranty on bench top materials

**Call for pricing!**  
**800-468-4011**



**Anybody can install it:**  
We packaged our Benchwarmer kits so they install quickly and easily. We supply all the drawings, we've prewired all of the electrical parts, and if you do get stuck all you have to do is call us at 800-438-4328!

## Power Vented High Efficiency Heaters (PDP/BDP)

The PDP (propeller) and BDP (blower) High Efficiency II gas-fired unit heaters are a generation of products that are inexpensive to install, easy to use, and offer excellent in-service economy. Each Modine power-exhausted unit heater has been engineered to include the following features:

- 80% thermal efficiency, maximizing seasonal efficiency through the use of a collector box and the power exhauster.
- A power exhaust that can be rotated 180°. The unit can be vented vertically or horizontally.
- A 100% shut-off, intermittent pilot-ignition system with continuous retry, at no extra charge. This ignition system allows for all PDP/BDP units to be field-converted to propane, if desired.
- A safety pressure-switch to assure safe venting conditions.
- Designed to utilize the smallest-diameter vent pipe possible.
- PDP models are designed to operate against 0.5 inches of external static pressure.
- "Wing" screws so that the bottom pan can be dropped without a screwdriver or nut driver.
- A level hanging mechanism for easy field adjustments after adding accessories that may change the unit's center of gravity.

Greenhouse environment demands are too tough for most ordinary gas-fired heaters. Modine has stood the test of time as the markets proven efficiency leader.



**Call for pricing!  
800-468-4011**

PDP Heater	PDP 150	PDP 175	PDP 200	PDP 250	PDP 300	PDP350	PDP 400
Btu/Hr. input	150,000	175,000	200,000	250,000	300,000	350,000	400,000
Btu/Hr. output	120,000	140,000	160,000	200,000	240,000	280,000	320,000
Entering Airflow (CFM)	2,180	2,550	2,870	3,700	4,460	4,870	5,440
Max mt. height (ft)	16	17	15	19	21	20	19

BDP Heater	BDP 150	BDP 175	BDP 200	BDP 250	BDP 300	BDP 350	BDP 400
Btu/Hr. input	150,000	175,000	200,000	250,000	300,000	350,000	400,000
Btu/Hr. output	120,000	140,000	160,000	200,000	240,000	280,000	320,000
Airflow CFM Range	1587-2778	1852-3241	2116-3704	2646-4630	3175-5556	3704-6481	4233-7407
Air Temp Rise Range (°F)	40-70	40-70	40-70	40-70	40-70	40-70	40-70

HEATING & COOLING



## Hot Dawg

**Call for pricing!  
800-468-4011**

Hot Dawg is a low-profile gas-fired unit heater that is designed to heat garages, greenhouses, workshops and is certified for residential, commercial, and industrial use. Power Exhausted (HD) or Separated Combustion (HDS) available.

Unit	Btu/Hr Input	Typical Application
HD/HDS 30	30,000	1 to 1-1/2 car garage
HD/HDS 45	45,000	2 to 2-1/2 car garage
HD/HDS 60	60,000	3 to 3-1/2 car garage
HD/HDS 75, 100, 125	75,000-125,000	large garage

## Line Voltage Thermostats

For use in agricultural, commercial and industrial applications, these thermostats are designed to control automatic ventilation or heating systems. Single stage thermostat (SPDT) is used for line voltage or low voltage control of fans or heaters. The temperature range is 30° to 110° F. Two Stage thermostat (2- SPDT) is used for control of two-speed fan or two stages of heating or cooling. The temperature range is 30° to 110° F. There is a 3.5° temperature differential between the two stages. Measures: 5.5" x 2" x 2".



Catalog #	Description	Each
075-332-206	2E206 One Stage	\$46.20
075-332-207	2E207 Two Stage	\$85.50

## Wireless Weather Station w/ Atomic Clock #00754

### FEATURES:

- Indoor/Outdoor Temp Display
- Min/Max Memory Temp Display
- Celsius/Fahrenheit Selectable
- Batteries Included
- Auto Scroll Channel Display
- Backlight
- Clock & Alarm with Snooze
- Date/Day Calendar Display
- Barometric Pressure/Temp Trend Display
- Synchronizes w/ up to 3 Remote Sensors
- Sensor w/ 100' Transmission Range



Catalog #	Item #	Each Price
075-107-540	754	\$26.67

## Remote Sensor #00739

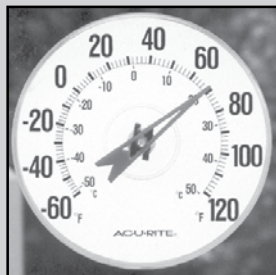
### FEATURES:

- Synchronizes with wireless clocks and gauges
- Sensor has 100' Transmission Range



Catalog #	Item #	Each Price
075-107-390	739	\$20.00

## Indoor/Outdoor Thermometer #00346



- 5" Diameter
- Basic White Dial Thermometer

Catalog #	Item #	Each Price
075-103-460	346	\$5.00

## Wireless Rain Gauge #00896

LCD displays 3 rainfall modes: none, light & heavy. Desktop unit receives reception from wireless outdoor gauge up to 100' away. Measures rainfall up to 99.9".

### FEATURES:

- Low Battery Indicator
- Rainfall Alarm and Counter Reset
- Folding Table Stand or Wall Mount
- Backlight



Catalog #	Item #	Each Price
075-108-960	896	\$36.67

## Indoor Thermometer w/Humidity Gauge #00339

- 8.5" High/White
- With Humidity Gauge



Catalog #	Item #	Each Price
075-103-390	339	\$5.25

## Indoor/Outdoor Thermometer #00880

- 16" High/White



Catalog #	Item #	Each Price
075-108-800	880	\$5.83

## Handy-Temp® Wall Thermometer #5135

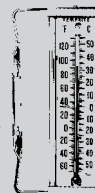
- Indoor/outdoor use.
- Aluminum construction
- Won't rust
- Inexpensive
- Both °F and °C scales.
- Measures 8-7/8" long.



Catalog #	Item #	Each
075-005-135	5135	\$4.75

## Temprite® Window Thermometer #5316

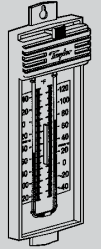
- Attaches w/swing bracket
- View at almost any angle
- Non-rusting aluminum scale
- Large easy to read numbers
- °F and °C scales
- Measures 8" long
- Mounting screws included



Catalog #	Item #	Each
075-005-316	5316	\$5.50

## Max-Min Thermometer #5460

One side shows the minimum temp while the other shows the maximum temp. Limit markers are pushed into place by the fall & rise of the mercury. The limit markers stay at the highest & lowest temp readings until reset. °F and °C scales. 8¾" long.



Catalog #	Item #	Each
075-005-460	5460	\$21.14

## Jumbo Wall Thermometer #5101

- Easy read Jumbo Scale
- 14½" in length
- °F and °C scales



Catalog #	Item #	Each
075-005-101	5101	\$5.45

## Pocket Test Thermometer #5989

- Handy thermometer w/ pocket case.
- Test liquids, air and soft substances.
- Large easy-to-read scale.
- Excellent for measuring plug flat temp
- Reads 0°F to 200°F
- Has 5" stem with a 1" dial



Catalog #	Item #	Each
075-005-989	5989	\$7.95

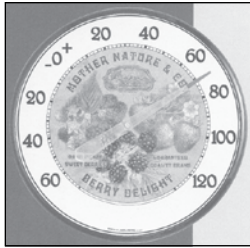
## Line Voltage Thermostats

- For use in agricultural, commercial and industrial applications.
- Designed to control automatic ventilation or heating systems.
- **Single stage (2E206):** line voltage or low voltage control of fans or heaters.
- **Two Stage (2E207):** control of two-speed fan or two stages of heat/cooling.
- Temp range is 30° to 110° F.
- There is a 3.5° temperature differential between the two stages.
- Measures: 5.5" x 2" x 2".

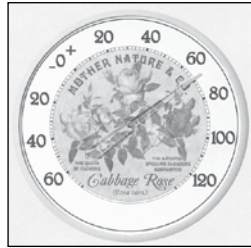


Catalog #	Item #	Each
075-332-206	2E206	\$46.20
075-332-207	2E207	\$85.50

# 12.5" Themed Indoor/Outdoor Thermometers



Picture:	Berries
Item #:	01844
Catalog #:	075-101-844
Each Price:	\$9.92



Picture:	Cabbage Rose
Item #:	01836
Catalog #:	075-101-836
Each Price:	\$9.92



Picture:	Sunflowers
Item #:	01843
Catalog #:	075-101-843
Each Price:	\$9.92



Picture:	Flowers
Item #:	01664
Catalog #:	075-101-664
Each Price:	\$9.92



Picture:	Flag/Eagle
Item #:	01367
Catalog #:	075-101-367
Each Price:	\$9.92



Picture:	Tulips
Item #:	01762
Catalog #:	075-101-762
Each Price:	\$9.92



Picture:	Garden of Light
Item #:	01779
Catalog #:	075-101-779
Each Price:	\$9.92



Picture:	Life on Farm
Item #:	01868
Catalog #:	075-101-868
Each Price:	\$9.92



Picture:	Lighthouse
Item #:	01780
Catalog #:	075-101-780
Each Price:	\$9.92



Picture:	Butterflies*
Item #:	01754
Catalog #:	075-101-754
Each Price:	\$13.10

## Hautman Brothers Art Clocks

*These clocks are noted with an asterisk(\*).*

The Hautman Brothers are among America's foremost wildlife artists. They have received numerous honors and awards, and have seen their art featured on over 40 state and federal stamps.



Picture:	Songbirds*
Item #:	01781
Catalog #:	075-101-781
Each Price:	\$13.10



Picture:	Mallards*
Item #:	01714
Catalog #:	075-101-714
Each Price:	\$13.10



Picture:	Goldfinches*
Item #:	01711
Catalog #:	075-101-711
Each Price:	\$13.10

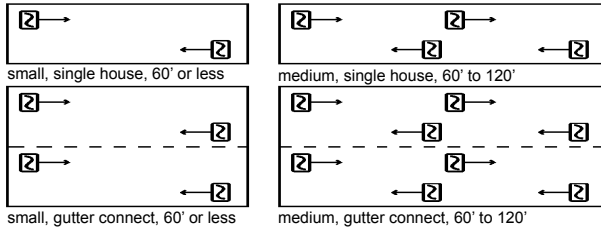


Picture:	Bluebirds*
Item #:	01598
Catalog #:	075-101-598
Each Price:	\$13.10



Picture:	Cardinals*
Item #:	01597
Catalog #:	075-101-597
Each Price:	\$13.10

## Typical Layout of HAF Fans:



## Horizontal Air Flow Fans

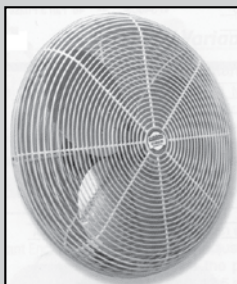
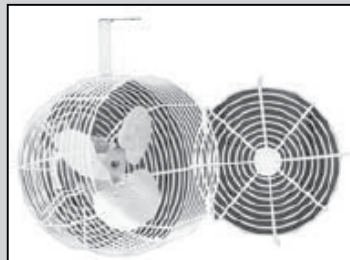


Circulate the air in your greenhouse to provide better heat distribution and more consistent temperatures throughout.

- Mounting bracket mounts directly to yoke of motor to eliminate any vibration for smooth fan operation.
- Corrosion resistant - epoxy coated fan guard.
- Specially designed guard allows more air flow for optimum air circulation and quiet operation.
- Energy efficient, maintenance free totally enclosed motor.
- 1/10 HP, 115/230 Volts, 0.9/0.45 Amps
- Variable speed motor w/ 2 year warranty.
- 6' cord - 3 prong plug attached.

### 12" Green Breeze

Exclusive open front guard patented design. Narrowing guard design throws air twice as far.



### 20" EZ-Breeze

Features the "Quiet Blade". Designed to reduce ambient noise levels while maintaining maximum circulation requirements.

Catalog #	Description	CFM	Price
025-421-200	12" Green Breeze HAF Fan	2600	\$158.50
025-422-010	20" EZ-Breeze HAF Fan	2250	\$130.00



## Plant-Air Circulation Fans

Very quiet, highly efficient, and quite durable!

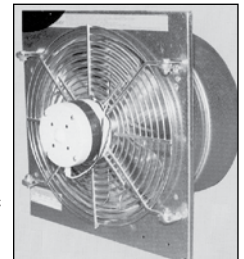
The airflow ranges from gentle to powerful and have variable speed capability which allows you to select a perfect airflow pattern.

- Heavy-duty, totally enclosed, maintenance free, and energy efficient motors.
- Powder coated fan guard.
- Rigid motor mount provides for easy installation.
- All models include hanging mount.
- Heavy-duty aluminum statically balanced blades.

Catalog #	Item #	Description	Each
025-331-200	VS12	12" Plant-Air Fan	\$175.00
025-332-000	VS20	20" Plant-Air Fan	\$228.00
025-332-400	VS24	24" Plant-Air Fan	\$277.50

\*Special Order items, allow ample time for delivery. FOB MN

## Ventilating Wall Mount Fans



**MOTOR** - Totally enclosed and designed for continuous duty work load.

**BLADE** - Constructed of aluminum with zinc plated steel hub, balanced for smooth vibration free operation. Pitch is designed to correlate with motor horsepower to deliver maximum efficiency. Convenient hinged grill allows easy blade cleaning and maintenance by simply removing two bolts.

**SHUTTER** - 18 gauge painted galvanized steel butterfly shutter has an adjustable, positive draft-free closure. Opens fully for max CFM output.

**HOUSING** - Heavy 18 gauge tunnel design has large venturi for max efficiency and air flow. Constructed of long life painted galvanized steel.

**GUARD** - Heavy duty combination motor mounted safety guard. Conforms to OSHA safety requirements.

**CONTROLS** - Dust/moisture resistant switch w/ sealed contact points.

Size	HP	Free Air CFM	CFM at 1/8 static	Wall Opening Required	Motor RPM
12"	1/12	up to 1050	up to 870	13-3/4"	up to 1750
16"	1/4	up to 2175	up to 1990	18"	up to 1750

Catalog #	Item #	Description	Each
025-441-200	VFT141130	12" Fan - one speed	\$175.00
025-441-600	VFT141131	16" Fan - variable speed	\$185.00
025-441-300	VFT130144	Manual Speed Control	\$60.00



# Sensaphone® 400 & 800

Replacement for the 1104 & 1108

For small businesses, property owners, and more, the ALL NEW Sensaphone 400 & 800 offer an easy, inexpensive way to monitor a remote facility. It can be installed in any indoor environment to monitor a variety of applications. The 800 has all of the same features as the 400, but instead of four external inputs, it is equipped with eight.



- Built-in ability to monitor for power failures and to listen to the sound of a smoke detector.
- Four external inputs that can be connected to a variety of sensors to monitor temperature, water on the floor, humidity, and much more. *One of the four external inputs already comes with a temperature sensor for monitoring temperature where installed.*
- Can notify up to four people by making voice phone calls. *It will continue to make phone calls until someone responds to the call.*
- Voice messages can be custom recorded.
- Phone interface includes a line seize feature so that extension phones are automatically disconnected when it needs to make an alarm phone call.
- Built-in output relay is provided to switch an external device either automatically, or manually. You can use it to have a local light or siren trip when an alarm occurs, or even to set off a local alarm when the phone line is cut or unplugged.
- Includes nonvolatile memory and a 24-hour battery backup with user installed batteries.




### 2.8K Weatherproof Temperature Sensor

Small, sealed, general purpose temperature probe for indoor or outdoor use. Comes with 12 feet of wire.

Catalog #	Item #	Description	Price
	FGD-0400	Sensaphone 400	\$395.00
	FGD-0800	Sensaphone 800	\$595.00
075-270-101	FGD-0101	2.8K Weatherproof Temperature Sensor	\$36.00

HEATING & COOLING



## Temp° Alert

Wall mount, mechanical temperature sensor to detect if air temperature is too high or too low. Alarm limits are adjustable from -30° to 130° F. Used in conjunction with the Sensaphone or use by itself. Simply select an acceptable temperature range by setting the adjustable high and low limits. If temperatures in the monitored area rise above or fall below the set limits, the temperature indicator contacts one of the preset limit alarms providing a dry contact closure, which can, like a switch be used to turn on an existing alarm panel, controls, telephone communicator or wireless alarm system. Does not come with wire.

Catalog #	Item #	Description	Price
075-209-000	#TA - 1	Temp Alert Temperature Monitor	\$49.42