

**VILLAGE OF ORLAND PARK
SMART ENERGY FUND AGREEMENT**

THIS AGREEMENT, entered into this 28th day of October, 2010, between the Village of Orland Park, Illinois (hereinafter referred to as "Village") and the following designated Owner/Lessee, to witness:

Owner's Name:	<u>Timothy McCarthy</u>
Lessee's Name:	<u>N/A</u>
Name of Business:	<u>Paddy B's</u>
Tax ID#/Social Security #:	<u># 20-5610861</u>
Address of Property to be Improved:	<u>11969 W. 143rd Street</u>
PIN Number:	<u>27-07-100-010</u>

WITNESSETH:

WHEREAS, the Village of Orland Park has established a Smart Energy Fund for application within the Village of Orland Park (the "Village") and funded it through the American Recovery and Reinvestment Act of 2009 via the United States Department of Energy's Energy Efficiency and Conservation Block Grant (EECBG); and

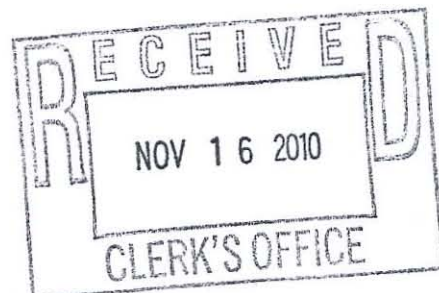
WHEREAS, said Smart Energy Fund is administered by the Village for the purposes of helping property owners and tenants of commercial structures within the Village to conserve resources and install high performance, energy efficient and renewable energy systems; and

WHEREAS, pursuant to the Smart Energy Fund the Village, subject to its sole discretion, will reimburse Owners/Lessees for the cost of eligible energy efficiency/ renewable energy improvements to commercial structures within the Village up to a maximum of one-half (1/2) of the approved contract cost of such improvements or \$20,000.00, whichever is less; and

WHEREAS, the Owner/Lessee's property is located within the Village, and the Owner/Lessee desires to participate in the Smart Energy Fund pursuant to the terms and provisions of this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants and agreements obtained herein, the Village and the Owner/Lessee do hereby agree as follows:

SECTION 1



- 4 LED Exit signs that will replace all 4 existing exit signs; This follows ComEd SIYB eligible improvements;
- 16 new low voltage track lighting canned lights; Energy Star qualified;
- 8 new dining room lighting with energy saving fixtures; Energy Star qualified;
- 15 new LED dimmable recessed lights; These follow ComEd SIYB eligible improvements;
- 5 new ceiling fans to augment and maintain HVAC operations; Energy Star qualified.

SECTION 2

No improvement work shall be undertaken until its design has been submitted to and approved by the Village. Following approval, the Owner/Lessee shall contract for the work and shall commence and complete all such work within ninety (90) days from the date of such approval.

SECTION 3

The Development Services Director shall periodically review the progress of the contractor's work on the energy efficiency/ renewable energy improvements pursuant to this Agreement. Such inspections shall not replace any required permit inspections by the Building Inspectors. All work which is not in conformance with the approved plans, design drawings and specifications shall be immediately remedied by the Owner/Lessee and deficient or improper work shall be replaced and made to comply with the approved plans, design drawings and specifications and the terms of this Agreement.

SECTION 4

Upon completion of the improvements and upon their final inspection and approval by the Development Services Director or his/her designee, the Owner/Lessee shall submit to the Village a properly executed and notarized contractor sworn statement showing the full cost of the work, as well as each separate component amount due to the contractor and each and every subcontractor involved in furnishing labor, materials or equipment in the work. In addition, the Owner/Lessee shall submit to the Village proof of payment of the contract cost pursuant to the contractor's statement and final lien waivers from all contractors and subcontractors. The Owner/Lessee shall also submit to the Village a copy of all of the invoices for professional services fees for preparation of plans and specifications. The Village shall, within thirty (30) days of receipt of the contractor's statement, proof of payment and lien waivers, and the professional services statement, issue a check to the Owner/Lessee as reimbursement for one-half (1/2) of the approved construction cost estimate or one-half (1/2) of the actual construction cost, whichever is less, subject to the limitations set forth in Section 1 hereof.

SECTION 5

If the Owner/Lessee or his contractor fails to complete the improvement work provided for herein in conformity with the time limitation, approved plans, design drawings and specifications and the terms of this Agreement, then upon written notice being given by the Development Services Director to the Owner/Lessee, by certified mail to the address listed above, this

With respect to energy efficiency/ renewable energy improvements, the Village shall reimburse an Owner/Lessee for the cost of improvements to the Owner/Lessee's property at the rate of fifty percent (50%) of such cost.

The actual total reimbursement amounts per this Agreement are \$8,891.59. The improvement costs that are eligible for Village reimbursement include all labor, materials, equipment, and other contract items necessary for the proper execution and completion of the scope of work as shown on the plans, design drawings, specifications and estimates approved by the Village. Such plans, design drawings, specifications, estimates and scope of work are attached hereto as Exhibit A.

The energy efficiency/ renewable energy improvements to be performed pursuant to this Agreement are:

Refrigerator Manufacturer Turbo Air (Reach-In)

- 27 inch (L) x 30 inch (W) x 78 inch (H); two section (Model # TSR-23SD);
- Cost: \$1,438.65;
- Energy Star Qualified;

Solid Door Refrigerators

- 29 inch (L) x 28 inch (W) x 78 inch (H); (Model # M3R24-1);
- Cost: \$2,900.00; A bid document will be required for this cost as it was not provided in the attachments. The petitioner has provided this information independently.
- California Energy Commission Certified;

M Series Strip Curtain

- 40 inch (W) x 80 inch (H); (Model # M108-PR-4080);
- Cost: \$350.00;
- Complies with ComEd Smart Ideas for Your Business (SIYB) eligible improvements;

Pro3 Top Mount Packaged Refrigeration System (cooler motor mounted on rooftop)

- Model # PTT
- Cost: \$2,200.00
- Manufacturer's guide notes that the system "exceeds current energy standards on specifications";
- Complies with ComEd SIYB eligible improvements;

LED Channel Letter Sign by Mission Signs

- Small set of flush mount channel letters; White internal LED illumination; Green and white faces, black trim and returns;
- Cost: \$5,619.53

Lights

- All new T-8 fluorescent light fixtures that will replace all the existing fluorescent lighting; This follows ComEd SIYB eligible improvements;

Agreement shall terminate and the financial obligation on the part of the Village shall cease and become null and void.

SECTION 6

Upon completion of the improvement work pursuant to this Agreement, the Owner/Lessee shall be responsible for properly maintaining such improvements in finished form and without change or alteration thereto, as provided in this Agreement, unless changes are submitted for review and are approved by the Village Board. Such approval shall not be unreasonably withheld if the proposed changes do not substantially alter the original design concept of the improvements as specified in the plans, design drawings and specifications approved pursuant to this Agreement. In the event the approved energy efficiency/ renewable energy improvements are not properly maintained or alterations are made to the improvements without prior consent from the Village, the Village reserves the right to terminate this Agreement, hold the applicant liable for any architectural design and consultant fees incurred by the Village, and require reimbursement in full for all monies expended towards the project through this Smart Energy Fund.

SECTION 7

This Agreement shall be binding upon the Village and upon the Owner/Lessee and its successors, to said property for a period of ten (10) years from and after the date of completion and approval of the energy efficiency/ renewable energy improvements provided for herein. It shall be the responsibility of the Owner/Lessee to inform subsequent Owner/Lessee(s) of the provisions of this Agreement, and to be aware of the requirement for prior Village approval of any alteration whatsoever to the building energy systems funded by the Smart Energy Fund.

SECTION 8

The Owner/Lessee releases the Village from, and covenants and agrees that the Village shall not be liable for, and covenants and agrees to indemnify and hold harmless the Village and its officials, officers, employees and agents from and against, any and all losses, claims, damages, liabilities or expenses, of every conceivable kind, character and nature whatsoever arising out of, resulting from or in any way connected directly or indirectly with the energy efficiency/ renewable energy improvement(s), including but not limited to actions arising from the Prevailing Wage Act (820 ILCS 30/0.01 et seq.) and the Davis-Bacon Act (40 U.S.C. 3141 et seq.) The Owner/Lessee further covenants and agrees to pay for or reimburse the Village and its officials, officers, employees and agents for any and all costs, reasonable attorneys' fees, liabilities or expenses incurred in connection with investigating, defending against or otherwise in connection with any such losses, claims, damages, liabilities, or causes of action. The Village shall have the right to select legal counsel and to approve any settlement in connection with such losses, claims, damages, liabilities, or causes of action. **The provisions of this Section 8, as well as Sections 6 and 7, above, shall survive the completion of said Smart Energy improvement(s).**

SECTION 9

Nothing herein is intended to limit, restrict or prohibit the Owner/Lessee from undertaking any other work in or about the subject premises, which is unrelated to the energy efficiency/renewable energy improvements provided for in this Agreement.

SECTION 10

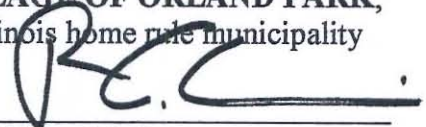
This Agreement shall be enforceable by any action at law or in equity, including actions for specific performance and injunctive relief. The laws of the State of Illinois shall control the construction and enforcement of this Agreement. The parties agree that all actions instituted on this Agreement shall be commenced and heard in the Circuit Court of Cook County, Illinois, and hereby waive venue in any other court of competent jurisdiction. Before any failure of any party to perform any obligation arising from this Agreement shall be deemed to constitute a breach, the party claiming the breach shall notify the defaulting party and demand performance. No breach of this Agreement shall be found to have occurred if performance is commenced to the satisfaction of the complaining party within thirty (30) days of the receipt of such notice.

IN WITNESS THEREOF, the parties hereto have executed this Agreement on the date first appearing above.

OWNER


Common Ave. Hill House, Inc

VILLAGE OF ORLAND PARK,
an Illinois home rule municipality

By: 

Village Administrator

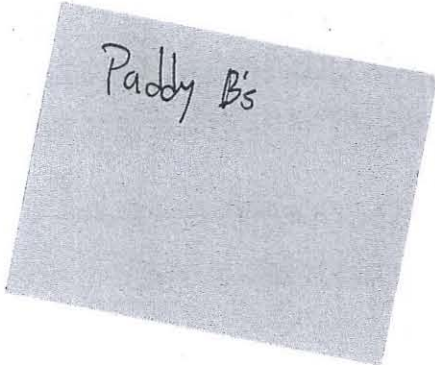
LESSEE (if applicable)

ATTEST: 

Village Clerk

Appendix B- Includes Invoices and Proposals for lighting equipment that has been installed or ordered to accomplish our goals. We find that by using the newer fixtures and bulbs we hope to severely curtail our energy (electricity) use in the upcoming years. These products involve higher costs at inception however hopefully we will recoup their value over the years. One should be aware that these lighting fixtures are on from approximately 1000 a.m. until our closing at 200 a.m.

Please also note that these proposals involved the greatest outlay of capital at \$5,275.00.



Paddy B's

VOLTAGE SYSTEMS INC.

13140 RADO DRIVE SOUTH

WILMINGTON, IL 60491

(708) 955 - 4224

Invoice

Number: 1362

Date: June 28, 2010

Bill To:

PADDY B'S

Ship To:

PO Number	Code
	LIGHTING

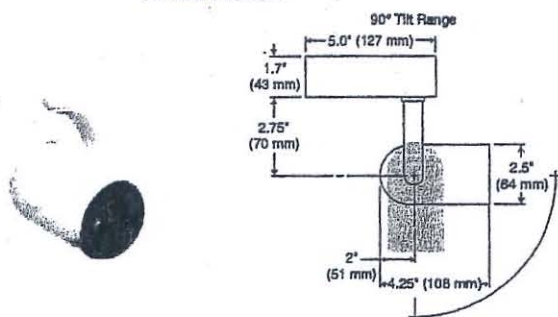
Description	Quantity	Price	Amount
REPLACE EXISTING 2X4 LIGHTING WITH NEW T8 ENERGY SAVING FIXTURES			
REPLACE EXIT SIGNS WITH NEW LED EXIT SIGNS			
INSTALL NEW LOW-VOLTAGE TRACK LIGHTING			
REPLACE DINNING ROOM LIGHTING WITH ENERGY SAVING FIXTURES			
INSTALL CEILING FANS TO SAVE ON COOLING EXPENSE			
INSTALL DIMMERS TO CUT DOWN ON ENERGY USE			
TOTAL AMOUNT DUE	1.00	5,275.00	5,275.00
Total			\$5,275.00



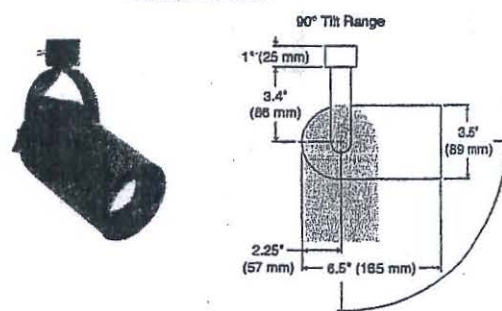
ROUND BACK LOW VOLTAGE TRACK (E-KRB1EK, E-KRB1EW, E-KRB2LK, E-KRB2LW)

Applications – For general purpose track lighting in indoor commercial, retail, or industrial applications. *Available in black or white finish.

E-KRB1E*
White Finish



E-KRB2L*
Black Finish



Catalog #	Description	Voltage	Lamp (not included)	Transformer	Aiming
E-KRB1EK	Round back low track fixture with black finish	Low voltage Halogen- 12V	MR16 Max. 50W	External electronic	Tilt: Approx. 135° Rotation: 358°
E-KRB1EW	Round back track fixture with white finish	Low voltage Halogen- 12V	MR16 Max. 50W	External electronic	Tilt: Approx. 135° Rotation: 358°
E-KRB2LK	Round back low track fixture with black finish	Low voltage Halogen- 12V	MR16 Max. 50W	Internal magnetic	Tilt: Approx. 135° Rotation: 358°
E-KRB2LW	Round back track fixture with white finish	Low voltage Halogen- 12V	MR16 Max. 50W	Internal magnetic	Tilt: Approx. 135° Rotation: 358°

Features

- Deep-drawn steel round back housing
- Polyester powder coated finish
- Comes standard with an internal baffle in black finish.
- This classic shape utilizes has a rounded double yoke with a single-locking knob to secure the aiming angle
- Comes standard with a clear glass shield.
- The lens is secured inside the internal black baffle.
- The MR16 lamp is held in place by three clips on the interior of the baffle.
- The baffle is held inside the track head by two spring clips.

- Tool-less relamping is done by pulling out the baffle and slipping the lamp off the three clips.
- UL and cUL listed for dry locations.

NOTE: If you plan to dim fixtures with magnetic transformers, you must use a dimmer rated for inductive loads.

NOTE: If dimming fixtures with electronic transformers, you must use a dimmer rated for use with electronic transformers..

NOTE: Most dimmers that are rated for dimming magnetic (inductive) or electronic transformers require neutral connection at the dimmer.

e-conolight®

LED EXIT SIGN/EMERGENCY LIGHT W/BATTERY BACKUP (E-XM2RB2W, E-XM2RB2RCW, E-XM2GB2W, E-XM2GB2RCW)

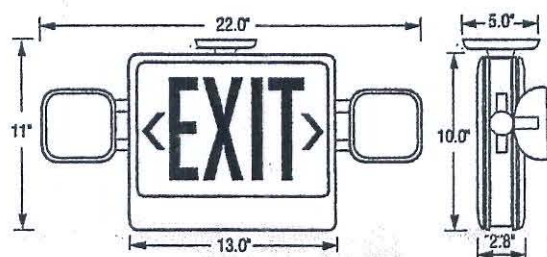
Applications – For general purpose exit identification and emergency lighting in indoor commercial, retail, or industrial applications.



Red Letters



Green Letters



Letters on sign face are 6" high

Catalog #	Description	Voltage	Light Source	Weight	Lamp
E-XM2RB2W	LED Exit sign/emergency light w/battery backup (red letters)	120- or 277-volt	Highly efficient, long life LED, lasts for 25 years	9.3 Pounds	Two 180-degree adjustable T5 wedge base lighting heads, 6-volts, 5.4 watts each
E-XM2GB2W	LED Exit sign/emergency light w/battery backup (green letters)	120- or 277-volt	Highly efficient, long life LED, lasts for 25 years	9.3 Pounds	Two 180-degree adjustable T5 wedge base lighting heads, 6-volts, 5.4 watts each
E-XM2RB2RCW	LED Exit sign/emergency light w/battery back-up/remote capable (red letters)	120- or 277-volt	Highly efficient, long life LED, lasts for 25 years	9.3 Pounds	Two 180-degree adjustable T5 wedge base lighting heads, 6-volts, 5.4 watts each
E-XM2GB2RCW	LED Exit sign/emergency light w/battery back-up/remote capable (green letters)	120- or 277-volt	Highly efficient, long life LED, lasts for 25 years	9.3 Pounds	Two 180-degree adjustable T5 wedge base lighting heads, 6-volts, 5.4 watts each

Features

- White housing
- Single/Double face easily converts from double to single face
Blank face included for single face installations
- Sealed, maintenance-free lead-calcium battery
- Easy to remove and replace chevrons
- Wall mountable/includes canopy for top mounting
- Push-to-test switch
- Charge/power-on Indicator light
- Automatic low-voltage disconnect
- Energy consumption of 10-watts
- Injection molded, V-0 flame retardant, high impact thermoplastic housing
- Automatic brownout protection
- Listed and complies with UL924
- Remote capable model can accommodate 14.4 watts, 6-volts
- 1-year warranty

e-conolight®

**LED EXIT SIGN/EMERGENCY LIGHT
W/BATTERY BACKUP**
(E-XM2RB2W, E-XM2RB2RCW, E-XM2GB2W, E-XM2GB2RCW)

Accessories
(For remote capable only)

6-V Single Remote heads:*



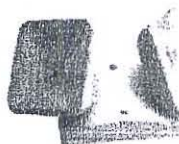
5.4-watt
• White
CAT.# E-XH10506W

9-watt
• White
CAT.# E-XH10906W



9-watt (wet listed)
• Light Gray
CAT.# E-XH10906WG

6-V Dual Remote heads:*



5.4-watt (10.8-watts total)
• White
CAT.# E-XH20506W

9-watt (18-watts total)
• White
CAT.# E-XH20906W



5.4-watt (wet listed)
• Light Gray
CAT.# E-XH20506WG

9-watt (wet listed)
• Light Gray
CAT.# E-XH20906WG

* For voltage drop information see www.e-conolight.com/instructions/voltchart.pdf

LED

Dimmable

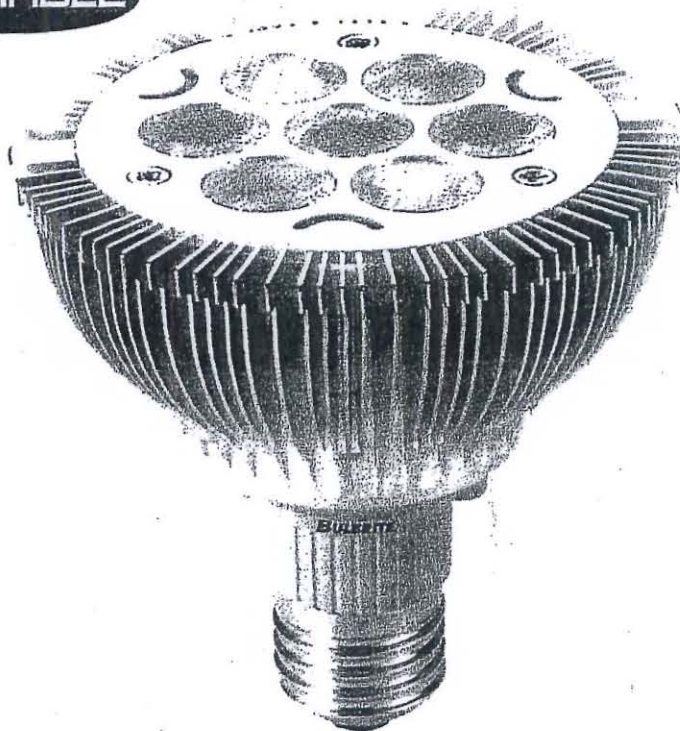
- *Super High Power chip provides brightest LED light*
- *Dimmable*
- *Perfect energy saving replacement for BR-30 and PAR-30*
- *Energy saving*
- 7 LEDs each consuming 2W (14W)
- *Long Life - 50,000 Hours*
- *120V*
- *For indoor use only*

LED = INCANDESCENT
14W = 65W BR-30

LED = HALOGEN
14W = 50W PAR-30



DIMMABLE



14W PAR-30
LED14PAR30WW/D



WATTS	BULB TYPE	BASE	ITEM NUMBER	ORDERING CODE	VOLTS	CRI	FINISH	INNER PK/ MASTER CTN	HOURS	LUM
14	PAR30	Med.	772314	LED14PAR30WW/D	120	83	Warm White Flood 35°	1/6	50,000	50

LED

Dimmable



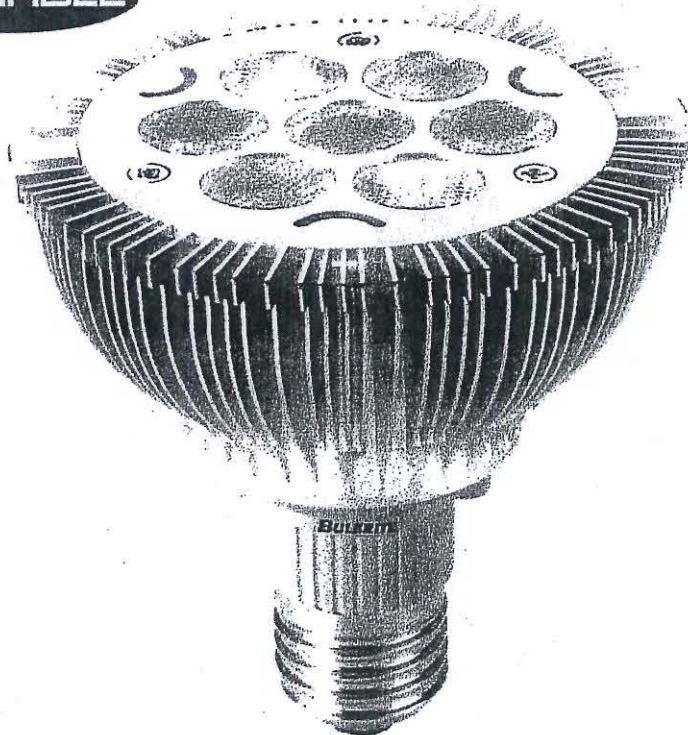
- Super High Power chip provides brightest LED light
- Dimmable
- Perfect energy saving replacement for BR-30 and PAR-30
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14W = 50W PAR-30



DIMMABLE



14W PAR-30
LED14PAR30WW/D

WATTS	BULB TYPE	BASE	ITEM NUMBER	ORDERING CODE	VOLTS	DRI	FINISH	INNER PK/ MASTER CTN	HOURS	LUMENS
14	PAR30	Med.	772314	LED14PAR30WW/D	120	83	Warm White Flood 35°	1/6	50,000	500

1-800-528-5555

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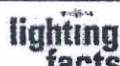
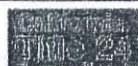
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BIAX / CFL Fixtures



BIAX / CFL track fixtures are ideal for large area illumination and for wall washing. High lumen, compact fluorescent lamps are extremely energy efficient. All fixtures can be adjusted 90° vertically and fixtures, with a single mounting point can be rotated 358° horizontally.

**7580****7582****7583****7572**
Full Cone Cylinder**7573**
Roundback Cylinder

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Line Voltage

Low Voltage

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HID Fixtures

Track Packs



Low Voltage Fixtures



7541-A
Mesh Roundback



7542
Square Head



7543
Gimbal Ring



7545
Roundback Cylinder



7549-A
Mini Roundback



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Incandescent	Fluorescent	Low Voltage
HID	Slope Ceiling	Support Items



Low Voltage Recessed Housings



Low voltage recessed housings make use of 12 volt MR16 lamps to provide accent or task lighting. A full range of trims is available.

The table below lists the item number of each housing and its major features. Click on the item number for more information on each particular housing. Items are listed by trim size.

Catalog #	Trim Size	New Const.	Remodel	IC Rated	Air -Tight	Electronic Transformer
8313H	3"	X				
8313HR	3"		X			
8314HA	3"	X		X	X	
8301HA	4"	X			X	
8301HA-E	4"	X			X	X
8301HRA	4"		X		X	
8301HRA-E	4"		X		X	X
8302HA	4"	X		X	X	
8303H	4"	X				
8303HR	4"		X			
8305HA	4"	X			X	X
8305HRA	4"		X			X





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Incandescent	Fluorescent	Low Voltage
HID	Slope Ceiling	Support Items



Fluorescent Recessed Housings



These fluorescent recessed housings use compact fluorescent tubes in either vertical or horizontal alignment. A wide selection of housings are available. In various wattage ratings, one or two tube designs, and trim ranges from 4 to 9 inches in diameter.

The table below lists the Item number of each housing and its major features. Click on the Item number for more information on each particular housing. The items are listed by trim size.

Catalog #	Trim Size	New Const.	Remodel	Tube Alignment	IC Rated	Air-Tight	Architectural	Wattage
8191HA-ES	4"	X		Vert.	X	X		1x13, 1x18, 1x26
8194HA-ES	4"	X		Vert.	X	X		1x13, 1x18
8194HA-E26-ES	4"	X		Vert.	X	X		1x26
8194HRA-ES	4"		X	Vert.	X	X		1x13, 1x18
8214H-ES	4"		X	Vert.	X	X		1x13, 1x18
8214HR	4"		X	Vert.	X	X		1x13, 1x18
8222H	4"	X		Vert.				13
8192HA-ES	5"	X		Vert.	X	X		1x13, 1x18, 1x26
8195HA-ES	5"	X		Vert.	X	X		1x13, 1x18
8195HA-E26-ES	5"	X		Vert.	X	X		1x26
8195HRA-ES	5"		X	Vert.	X	X		1x13, 1x18
8105HA	6"	X		Vert.	X	X		13
8106HA	6"	X		Vert.	X	X		2x13
8107H	6"	X		Horiz.				2x13
8108HA	6"	X		Horiz.	X	X		2x13
8123HAO-ES	6"	X		Vert.	X	X		1x13, 1x18, 1x23
8123HRA	6"		X	Vert.	X	X		1x13, 1x18, 1x23
8133HIC	6"	X		Horiz.	X			1x13, 1x18, 1x26
8133H	6"	X		Horiz.				1x13, 1x18, 1x26
8134H	6"	X		Horiz.				2x13, 2x18, 2x26
8134HIC	6"	X		Horiz.	X			2x13, 2x18, 2x26
8135H	6"	X		Horiz.			X	2x13, 2x18, 2x26
8150H	6"	X		Vert.				26, 32, 42
8155HA-E26	6"	X		Vert.	X	X		26, 32, 42
8193HA-ES	6"	X		Vert.				1x13, 1x18, 1x26
8196HA-ES	6"	X		Vert.	X	X		1x13, 1x18
8196HA-E26-ES	6"	X		Vert.	X	X		1x26
8196HRA-ES	6"		X	Vert.	X	X		1x13, 1x18
8196HRA-E26-ES	6"		X	Vert.	X	X		1x26
8197HA-E26-ES	6"		X		X	X		1x26
8130H	8"	X		Horiz.				18, 26, 32, 42
8130HIC	8"	X		Horiz.	X			18, 26, 32, 42
8136H	8"	X		Horiz.			X	18, 26, 32, 42
8140H	8"	X		Horiz.				2x18, 2x26, 2x32, 2x42
8140HIC	8"	X		Horiz.	X			2x18, 2x26
8145H	8"	X		Horiz.			X	2x18, 2x26, 2x32, 2x42
8154H	8"	X		Vert.				26, 32, 42
8149H	9"	X		Horiz.			X	2x26, 2x32, 2x42



Royal Pacific, Ltd. 2024

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Ceiling Fans

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Additional Products Offerings

Hospitality / Property Mgmt

Energy Star Qualified Products

Close-Out

Fluorescent Fixtures

4011
1x13W Flush Mount

4012-ES
1x18W Flush Mount

4021-ES
2x13W Flush Mount

4022-ES
2x18W Flush Mount

4034
3x13W Flush Mount

4036-ES
2x26W Flush Mount

4101
2x32W Cloud

4102
4x32W Cloud

4201
2x17W or 2x20W
Opal Wraparound

4202
2x32W or 2x40W
Opal Wraparound

4211
2x18W or 2x20W
Prismatic Wrap

4213
2x32W or 2x40W
Prismatic Wrap

4214-ES
4x32W or 4x40W
Prismatic Wrap

4301
2x17W or 2x20W
Strip Light

4302
1x32W or 1x40W
Strip Light

4303
Strip Light
2x32W or 2x40W

Accessories

4730
Emergency Ballast

4750
Emergency Ballast

4770
Emergency Ballast



	LH160-35NF 35W, MR16 Narrow Flood
	LH160-50FL 50W, MR16 Flood
	LH100-35NF 35W, GU10 Narrow Flood
	LH100-50FL 50W, GU10 Flood

	LH160-35FL 35W, MR16 Flood
	LH160-75NF 75W, MR16 Narrow Flood
	LH100-35FL 35W, GU10 Flood

	LH160-50NF 50W, MR16 Narrow Flood
	LH160-75FL 75W, MR16 Flood
	LH100-50NF 50W, GU10 Narrow Flood

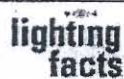
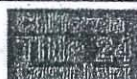


LED

	EDM616-11CW 1W, G5.3 Cool White
	EDM616-31WW 3W, G5.3 Warm White
	EDG610-11WW 1W, GU10 Warm White
	EDP720-36CW 1.6W, E27 Cool White
	EDP730-12WW 4.6W, E27 Warm White
	EDP830-12CW 7W, E27 Cool White
	EDP838-12WW 12W, E27 Warm White

	EDM616-11WW 1W, G5.3 Warm White
	EDM616-15CW 5W, G5.3 Cool White
	EDG610-15CW 5W, GU10 Cool White
	EDP720-36WW 1.6W, E27 Warm White
	EDP738-16CW 5.5W, E27 Cool White
	EEP830-12WW 7W, E27 Warm White

	EDM616-31CW 3W, G5.3 Cool White
	EDM616-15WW 5W, G5.3 Warm White
	EDG610-15WW 5W, GU10 Warm White
	EDP730-12CW 4.6W, E27 Cool White
	EDP738-16WW 5.5W, E27 Warm White
	EDP838-12CW 12W, E27 Cool White



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Additional Products Offerings

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Energy Star Qualified Products

Close-Out

Plug-In Fluorescent

 EP120-1327 13W, TT, 2-pin 2700K	 EP220-1327 13W, DTT, 2-pin 2700K	 EP220-1341 13W, DTT, 2-pin 4100K
 EP240-1327 13W, DTT, 4-pin 2700K	 EP240-1341 13W, DTT, 4-pin 4100K	 EP240-1827 18W, DTT, 4-pin 2700K
 EP240-1841 18W, DTT, 4-pin 4100K	 EP240-2627 26W, DTT, 4-pin 2700K	 EP240-2641 26W, DTT, 4-pin 4100K
 EP340-2627 26W, TRT, 4-pin 2700K	 EP340-2641 26W, TRT, 4-pin 4100K	 EP340-3241 32W, TRT, 4-pin 4100K
 EP340-4241 42W, TRT, 4-pin 4100K		

Self Ballasted Fluorescent

 EG300-1327 13W, GU24, Spiral	 EG300-1341 13W, GU24, Spiral	 EG300-1827 18W, GU24, Spiral
 EG300-1841 18W, GU24, Spiral	 EG300-2327 23W, GU24, Spiral	 EG300-2341 23W, GU24, Spiral
 ES100-1327 13W, Med Base, Spiral, 2700K	 ES100-1341 13W, Med Base, Spiral, 4100K	 ES100-2027 20W, Med Base, Spiral, 2700K
 ES100-2041 20W, Med Base, Spiral, 4100K	 ES100-2327 23W, Med Base, Spiral, 2700K	 ES100-2341 23W, Med Base, Spiral, 4100K
 ES230-1627 16W, R30 CFL, 2700K	 ES230-1641 16W, R30 CFL, 4100K	 ES240-2327 23W, R40 CFL, 2700K
 ES240-2341 23W, R40 CFL, 4100K	 ES338-2327 23W, PAR38 CFL, 2700K	 ES338-2341 23W, PAR38 CFL, 4100K

Halogen



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HID Lighting

Fluorescent Strips

Recessed Downlights

Linear Fluorescents

Select Product Type

Products

- ➔ HiBay Fluorescents
- ➔ Linear Pendant Lighting
- ➔ Recessed Fluorescents
- ➔ Retrofit/Refit Kits
- ➔ Surface Fluorescents
- ➔ Wraparounds
- ➔ Fluorescent Strips
- ➔ Close-to-Ceiling - CFL
- ➔ Wall Fluorescents
- ➔ HID Wall Packs
- ➔ HID Flood Lights
- ➔ HID HiBays
- ➔ Essentials
- ➔ Recessed Downlights
- ➔ Exit & Emergency Lighting
- ➔ Ballast & Transformers
- ➔ Fluorescent Lamps

**Saving Energy Cost is Easy as
Changing a Light Bulb.**



Spiral Lamps



A Lamps



Reflector Floods



GU24 Base Lamps

Enclosed Fixture Certification

- Neptun Analog Dimming Technology without use of heat sensitive IC's - is a robust choice for CFL's, especially dimmable type.
- Neptun Tests all its CFL's at 75° C for at various dimming levels before market qualification.
- Neptun designs its own and carefully selects amalgam types to ensure light source thermal stability at elevated temperatures in any fixture.

Electronic Preheat

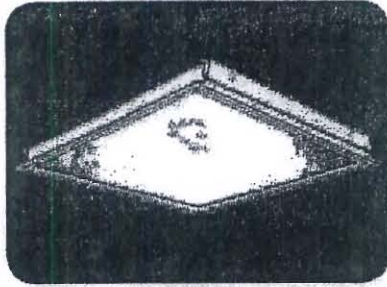
- Electronic Preheat Circuitry protects our lamps filaments from damage caused by rapid cycling ON/OFF, as will be with use of motion sensors.
- The proprietary circuit design ensures this feature at every start and rapid restart.
- Neptun Dimmable CFL's are tested and approved for use with ALL types of motion detectors, either relay based or triac based.

Hot Restrike Protection

- Hot Re-strike Circuitry protects our lamps from damage caused by Hot Re-Strikes. When a CFL has been burning long enough to become fully hot (especially covered type CFL) and is turned OFF and then turned right back ON, this is called a hot re-strike. It requires significantly more lamp start voltage to get the lamp to light up. This mode places very undesirable stress on transistors and capacitors of the ballasts creating pre-mature failures of covered type CFL's.

131 4' x 4'

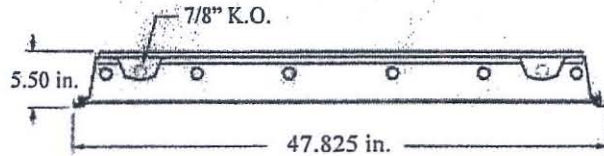
Lensed Static Troffer
Grid Mount



TEXAS
FLUORESCENTS

DIMENSIONS

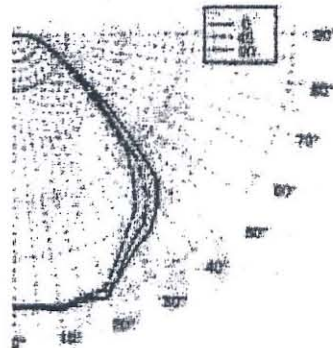
All dimensions are inches. Specifications subject to change without notice.



PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Lamp configurations shown are typical. Photometric data on these and other configurations available upon request.

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	0%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A12543248			Spacing ratio. Along 1.2 Across 1.3		
0	.05	.05	.05	.03	.03	.03	.98	.98	.98
1	.97	.94	.91	.95	.92	.89	.88	.86	.84
2	.90	.84	.79	.88	.82	.78	.79	.75	.72
3	.83	.75	.69	.81	.74	.68	.71	.67	.62
4	.77	.68	.61	.75	.67	.60	.64	.59	.55
5	.71	.61	.53	.69	.60	.53	.58	.52	.47
6	.66	.55	.46	.64	.54	.47	.52	.46	.42
7	.61	.49	.42	.59	.49	.42	.47	.41	.37
8	.56	.44	.37	.54	.44	.37	.43	.36	.32
9	.51	.40	.33	.50	.39	.33	.38	.32	.28
10	.48	.36	.29	.47	.36	.29	.35	.29	.25



Catalog Number:

Notes:

Texas Fluorescents
2055 Luna Rd. Suite 142 Carrollton, TX 75006

Phone: 972-247-3171 Fax: 972-247-0200

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TEXAS

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131 4' x 4'

Lensed Static Troffer
Grid Mount**FEATURES & SPECIFICATIONS****HOUSING** - 22 gauge die formed C.R.S.**DOOR FRAME** - 22 gauge C.R.S. or .050" extruded aluminum, flat or regress, with mitered corners. T-slot steel hinge allows reversible hinging and latching**SHIELDING** - #12 pattern, .125" acrylic overlay standard - other patterns and thicknesses available**FINISH** - 92% minimum average reflective white powder coat with multi-stage iron/phosphate prepared metal**ELECTRICAL** - Electronic ballast standard, instant start T8, programmed start T5, rated Class P**LABELS** - UL/CUL listed as recessed fluorescent luminaire suitable for dry or damp locations**MOUNTING** - NEMA Type "G" standard.**FEATURES:**

- T-slot steel hinge ensures positive retention when door is opened
- 5.50" deep housing eliminates lens shadowing
- Deep reinforcement ribs provide added strength
- Rolled-edge channel adds superior strength
- All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion

ORDERING INFORMATION

Example: 131A12543248E120

131	A125	4	32	48	E120
Series		Lamp Position	Lamp Type [1]		Ballast & Voltage [1]
131 Lensed Static Troffer, Grid Mount		4, 6, or 8 Lamps Not included	32 48 in. T8 28 46 in. T5 54 46 in. T5HO		E120 Electronic, 120V E277 Electronic, 277V MV Electronic, Multivolt (120-277) H120 [4] Electronic, 120V, Hi-Lume H277 [4] Electronic, 277V, Hi-Lume H MV [4] Electronic, Multivolt, Hi-Lume L120 [4] Electronic, 120V, Lo-Lume L277 [4] Electronic, 277V, Lo-Lume LMV [4] Electronic, Multivolt, Lo-Lume G120 [5] Line Dimming, 120 Volt G277 [5] Line Dimming, 277 Volt GMV [5] Line or 0-10V dimming, Multivolt
	Lens Material [2]		4x4 Size Code (req'd on all item numbers)		
	A125 Prismatic Acrylic #12 Pattern 1/8"		48 The 12 size code must appear in all 4x4 items.		

Notes

- [1] See end of T02Grid for many additional lamps, ballasts, finishes, and options.
 [2] Custom louvers available in any cell configuration. Contact factory for additional information.
 [3] Custom reflectors available to create any light distribution.
 [4] HiLume and LoLume ballasts available for T8 lamps only.
 [5] Dimming ballasts available for T8 & T5HO lamps only.
 [6] Magnetic ballasts available for T8 & T12 only.
 [7] Magnetic & electronic T12 ballasts drive a 34W energy saver lamp.

Options [1]

WP	6 ft. 3 wire 18 gauge whip
WP10	6 ft. 4 wire 18 gauge whip
EM	Emergency ballast, 500 lumens
EM14	Emergency ballast, 1400 lumens

EM14 ballast required for T5 & T5HO lamps

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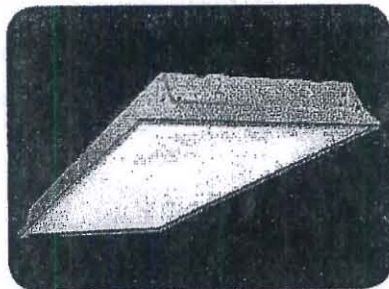
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Notes:

131 2' x 4'

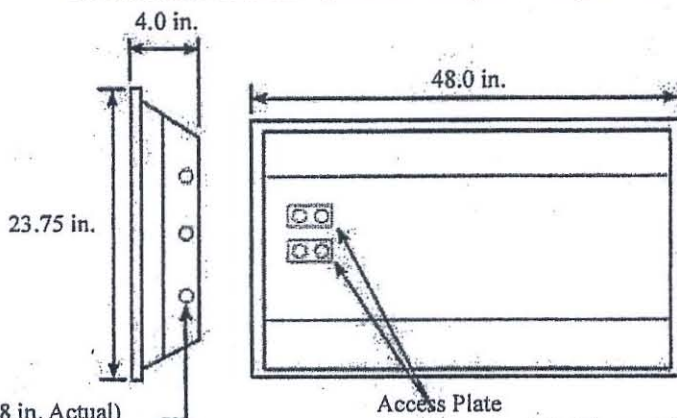
Lensed Static Troffer,
Grid Mount



TEXAS
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DIMENSIONS

All dimensions are inches. Specifications subject to change without notice.



1/2' Nom. (0.88 in. Actual)
EKO In Both Ends and Back

Access Plate
On Center For 2 & 4 Lamp Models
Off Center For 3 Lamp Models

PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Lamp configurations shown are typical. Photometric data on these and other configurations available upon request.

	Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%	10%
RCR	Zonal cavity coefficients			I31A232			Spacing ratio. Along 1.2 Across 1.3			
0	1.00	1.00	1.00	0.98	0.97	0.97	0.92	0.93	0.92	0.92
1	0.92	0.88	0.84	0.90	0.86	0.83	0.88	0.80	0.78	0.78
2	0.85	0.78	0.72	0.83	0.76	0.71	0.73	0.69	0.65	0.65
3	0.78	0.69	0.62	0.76	0.68	0.61	0.65	0.60	0.56	0.56
4	0.72	0.62	0.54	0.70	0.61	0.54	0.59	0.53	0.48	0.48
5	0.66	0.55	0.48	0.64	0.54	0.47	0.53	0.47	0.42	0.42
6	0.61	0.50	0.42	0.60	0.49	0.42	0.48	0.41	0.37	0.37
7	0.57	0.45	0.38	0.56	0.45	0.38	0.44	0.37	0.33	0.33
8	0.53	0.42	0.35	0.52	0.41	0.34	0.40	0.34	0.30	0.30
9	0.50	0.38	0.31	0.49	0.38	0.31	0.37	0.31	0.27	0.27
10	0.47	0.35	0.29	0.45	0.35	0.29	0.34	0.28	0.24	0.24

	Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%	10%
RCR	Zonal cavity coefficients			I31A332			Spacing ratio. Along 1.2 Across 1.3			
0	0.94	0.94	0.93	0.92	0.91	0.91	0.87	0.87	0.87	0.87
1	0.87	0.83	0.79	0.84	0.81	0.78	0.78	0.75	0.73	0.73
2	0.8	0.73	0.68	0.78	0.72	0.67	0.69	0.65	0.61	0.61
3	0.73	0.65	0.58	0.71	0.64	0.58	0.61	0.56	0.52	0.52
4	0.68	0.58	0.51	0.66	0.57	0.51	0.55	0.5	0.45	0.45
5	0.62	0.52	0.45	0.61	0.51	0.45	0.5	0.44	0.4	0.4
6	0.58	0.47	0.4	0.56	0.46	0.4	0.45	0.39	0.35	0.35
7	0.54	0.43	0.36	0.52	0.42	0.36	0.41	0.35	0.31	0.31
8	0.5	0.39	0.33	0.49	0.39	0.32	0.38	0.32	0.28	0.28
9	0.47	0.36	0.3	0.46	0.36	0.3	0.35	0.29	0.25	0.25
10	0.44	0.33	0.27	0.43	0.33	0.27	0.32	0.27	0.23	0.23

	Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%	10%
RCR	Zonal cavity coefficients			I31A432			Spacing ratio. Along 1.2 Across 1.3			
0	0.95	0.94	0.94	0.93	0.92	0.92	0.88	0.88	0.87	0.87
1	0.87	0.83	0.8	0.85	0.82	0.78	0.78	0.76	0.73	0.73
2	0.8	0.74	0.68	0.78	0.72	0.67	0.69	0.65	0.62	0.62
3	0.74	0.65	0.59	0.72	0.64	0.58	0.62	0.57	0.53	0.53
4	0.68	0.59	0.52	0.66	0.57	0.51	0.56	0.5	0.46	0.46
5	0.63	0.52	0.45	0.61	0.52	0.45	0.5	0.44	0.4	0.4
6	0.58	0.47	0.4	0.56	0.47	0.4	0.45	0.39	0.35	0.35
7	0.54	0.43	0.36	0.53	0.42	0.36	0.41	0.35	0.31	0.31
8	0.51	0.4	0.33	0.49	0.39	0.33	0.38	0.32	0.28	0.28
9	0.47	0.36	0.3	0.46	0.36	0.3	0.35	0.29	0.25	0.25
10	0.44	0.33	0.27	0.43	0.33	0.27	0.32	0.27	0.23	0.23

	Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%	10%
RCR	Zonal cavity coefficients			I31A232M20			Spacing ratio. Along 1.2 Across 1.2			
0	1.04	1.03	1.02	1.01	1.01	1.00	0.96	0.96	0.95	0.95
1	0.96	0.92	0.88	0.93	0.90	0.86	0.86	0.83	0.81	0.81
2	0.88	0.81	0.76	0.85	0.80	0.74	0.77	0.72	0.69	0.69
3	0.81	0.72	0.66	0.79	0.71	0.65	0.69	0.63	0.59	0.59
4	0.75	0.63	0.58	0.73	0.64	0.57	0.62	0.56	0.52	0.52
5	0.70	0.59	0.51	0.68	0.58	0.51	0.56	0.50	0.45	0.45
6	0.65	0.53	0.45	0.63	0.52	0.45	0.51	0.45	0.40	0.40
7	0.60	0.49	0.41	0.59	0.48	0.41	0.47	0.40	0.36	0.36
8	0.56	0.45	0.38	0.55	0.44	0.37	0.43	0.37	0.33	0.33
9	0.53	0.41	0.34	0.52	0.41	0.34	0.40	0.34	0.29	0.29
10	0.49	0.38	0.31	0.48	0.38	0.31	0.37	0.31	0.27	0.27

Catalog Number:

Notes:

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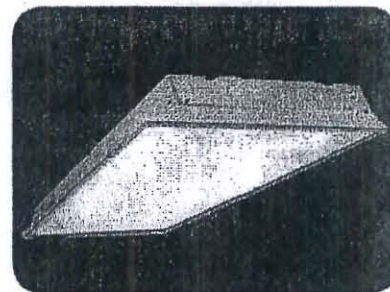
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131 2' x 4'

Lensed Static Troffer,
Grid Mount



FEATURES & SPECIFICATIONS

INTENDED USE

Specification grade, low profile troffer meets an almost limitless range of applications. Troffer is ideal for all commercial and industrial buildings requiring general illumination with recessed configurations.

SIZE W x L x H in inches (mm)

23.75W x 48.0L x 4.0Dp (600 x 610 x 100)

LAMP

2, 3, or 4 lamp positions.

MATERIALS & FEATURES

Housing is die-formed and embossed code 22 gage steel. Finish is high reflectance baked white enamel. Wiring knockouts are provided on back and end of housing. Ballast cover or reflector snaps into place; no tools required for ballast access. Lens is held with a hinged steel door frame; frame hinges downward on either side and is held closed by two positive cam latches. Premium, full specular reflectors are available as an option to increase efficiency or modify lighting distribution.

- POST PAINTED POWDER COAT FINISH
- Shallow design for low clearance plenums
- Clear 0.10thk A12 acrylic lens is standard; many options available.
- Flush steel hinges from either side; field reversible.
- Access plate to simplify installation

MOUNTING

Recessed inverted T-Bar ceilings. Grid mount.

LISTING

Fixture & Ballast: UL Listed Ballast: Thermally protected, class P, HPF, Non PCB

TYPICAL OPTIONS AND ACCESSORIES

Emergency ballasts, whips, regressed doors, wire guards, frame kits, and lenses. See options page at the end of the T02Grid section, or contact factory for more details.

*See HB131 Series for 6 lamp conversion

ORDERING INFORMATION

Example: 131 A 432 E120

131	A	4	32	E120
Series	Lamp Count	Lamp Type [1]	Ballast & Voltage [1]	
131 Lensed Static Troffer, Grid Mount	2, 3, or 4 Lamps Not included	40 48 in. T12 [7] 32 48 in. T8 28 46 in. T5 54 46 in. T5HO	E120 Electronic, 120V E277 Electronic, 277V MV Electronic, Multivolt (120-277) H120 [4] Electronic, 120V, Hi-Lume H277 [4] Electronic, 277V, Hi-Lume H120 [4] Electronic, 120V, Lo-Lume L277 [4] Electronic, 277V, Lo-Lume LMV [4] Electronic, Multivolt, Lo-Lume G120 [5] Line Dimming, 120 Volt G277 [5] Line Dimming, 277 Volt GMV [5] Line or 0-10V dimming, Multivolt	
	Lens Material [2]	Reflector [3]		Options [1]
	A Prismatic Acrylic #12 Pattern A12S Prismatic Acrylic #12 Pattern 1/8" MW Matte White Acrylic SP1 Specular Parabolic Louver 1/2" x 1/2" x 3/8" SP4 Specular Parabolic Louver 3/4" x 3/4" x 1/2" SP2 Specular Parabolic Louver 1 1/2" x 1 1/2" x 1" PLA White Cubed Acrylic Louver 1/2" x 1/2" x 3/8"	(blank) no reflector [3] M20 Mirrored reflector		RA Regressed aluminum door, white RAB Regressed aluminum door, black WP 6 ft. 3 wire 18 gauge whip WP10 6 ft. 4 wire 18 gauge whip EM Emergency ballast, 500 lumens EM14 Emergency ballast, 1400 lumens

Notes

- [1] See end of T02Grid for many additional lamps, ballasts, finishes, and options.
- [2] Many additional lens materials are available. Contact factory for additional information.
- [3] Custom reflectors available to create any light distribution.
- [4] HiLume and LoLume ballasts available for T8 lamps only.
- [5] Line dimming ballasts available for T8 & T5HO lamps only.
- [6] Magnetic ballasts available for T8 & T12 only.
- [7] Magnetic & electronic T12 ballasts drive a 34W energy saver lamp.

EM14 ballast required for T5 & T5HO lamps

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Catalog Number:

Notes:

APPENDIX C-Includes Invoices and Proposals for Kitchen equipment

In making application for a grant from the "Smart Energy Fund Program" it was very clear that in order to facilitate energy reduction in our kitchen area we would be required to purchase considerable new equipment. This new equipment includes reach in refrigeration units and new high efficiency ovens and grills. We have included in this proposal pricing on one reach-in refrigeration unit. It is our desire to acquire an additional unit for our refrigeration needs. The total amount of this equipment is \$5,899.22

In replacing our older equipment our goal is primarily to reduce our energy costs and just as important to reduce the burden on our heating and air conditioning in the restaurant. The newer equipment operates more efficiently and emits less heat. We must do all we are able to lower our costs as outlined in App A.

Finally in the kitchen area, We were required to update and alter our hood or Halo System. We converted to new gas product for fire suppression and installed new electrical switches and motors to increase the operation of extracting hot air. Once again, by improving the air handling in the Kitchen area we hope for significant energy saving than in the past. Total cost for upgrades in this equipment was \$1175.00

Quotation

6/11/2010

Project:

Paddys Pub

From:

Ramar Supply
Mark Raber
8223 S. Harlem Ave.
Burbank, IL 60459
Phone: (708) 233-0808
Cell: (708) 717-3368

Item	Qty	Description	Sell Each	Sell Total
1	1	ea REFRIGERATOR, REACH-IN  Turbo Air Model No. M3R24-1 Packed: each Refrigerator, reach-in, one-section, 24 cu. ft., exterior LED digital thermometer, (1) hinged solid door w/recessed handle & lock, (3) wire shelves, 400 s/s front & sides, aluminum interior w/s/s floor, 4" swivel casters, top mount self-contained compressor	1,438.65	1,438.65
	1	ea 1 year parts/labor & 5 yr compressor warranty, standard		
	1	ea 115v/60/1, 6.1 amps, (3 wire w/ground), standard		
		Extended Total for Item No. 1:	\$1,438.65	
2	1	ea GRIDDLE, COUNTER UNIT, GAS  Turbo Air Model No. TAMG-24 Radiance Griddle, countertop, gas, 24"W x 30"D x 3/4" thick highly polished steel griddle plate, manual controls, removable grease pan, front plate and wrap, stainless steel, CSA, NSF, 44,000 BTU	761.30	761.30
	1	ea 1 year labor and parts warranty, standard		
	1	ea Natural gas		
		Extended Total for Item No. 2:	\$761.30	
4	1	ea EQUIPMENT STAND, FOR COUNTERTOP COOKING  Turbo Air Model No. TSE-2848 Packed: each Equipment Stand, 28 x 48, stainless steel <i>UNDER #1 & #3</i>	205.00	205.00
		Extended Total for Item No. 4:	\$205.00	
6	1	ea RANGE, 24" RESTAURANT, GAS  Imperial Model No. IR-4 Restaurant Series Range, 24", gas, (4) 28,000 BTU open burners, one 20" W x 26" D space saver oven (holds full size sheet pan), stainless front, landing ledge, sides, backguard, and high shelf, chrome plated 6" legs with adjustable feet, 139,000 BTU	1,236.25	1,236.25
	1	ea Limited one year parts and labor warranty, std.		
	1	ea Gas type to be specified		
		Extended Total for Item No. 6:	\$1,236.25	

Paddys Pub

Ramar Supply

Page 1 of 2

6/11/2010

11 1 ea **WORK TABLE, 12" - 18" LONG** 116.25 116.25
 Turbo Air Model No. TSW-3018S Packed: each
 Work Table, 30" W x 18" L, 18/304 stainless steel flat top w/turned down
 edges, with adjustable galvanized undershelf & legs with adjustable ABS
 bullet feet, NSF approved



Extended Total for Item No. 11: \$116.25

12 2 ea **CASTER** 65.00 130.00
 Custom Model No. CASTER
 Caster set of 4

Extended Total for Item No. 12: \$130.00

13 3 ea **SAFETY SYSTEM MOVEABLE GAS CONNECTOR** 159.00 <alternate>
 Dormont Manufacturing Model No. 1675KIT48
 Safety System Moveable Gas Connector Kit, 3/4" inside dia., 48" long,
 covered with stainless steel braid, coated with blue antimicrobial PVC, 1
 SnapFast™ QD, 1 full port valve, (2) 90° elbows, coiled restraining cable
 with hardware, limited lifetime warranty



14 1 ea **FRENCH FRY WARMER, BULB TYPE** 110.00 110.00
 Nemco Model No. 6000A-2 Packed: each
 Heat Lamp, freestanding, infrared, two bulb, 120v/60/1ph, 500 watts, white
 250 watt infrared bulbs standard, red 250 watt infrared bulb and white
 shatter-resistant 250 watt bulb also available, UL listed, NSF

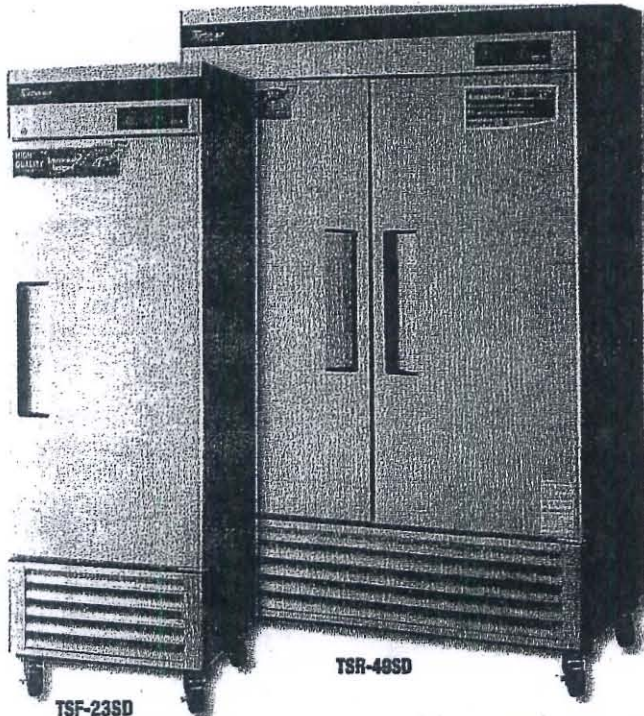


Extended Total for Item No. 14: \$110.00

Merchandise	3,997.45
Freight	65.00
Sales Tax (9.8%)	398.12
Total	4,460.57

Acceptance: _____ Date: _____

Printed Name: _____



Reach-In Super Deluxe Series

REFRIGERATOR MANUFACTURER
Turbo air ISO

- Solid swing door(s)
- Self-contained, bottom mount compressor
- Digital temperature control system
- High quality stainless steel exterior and interior
- Self diagnostic system displays current status of the unit
- Durable stainless steel wire shelves
- Exterior LED digital thermometer
- Self closing and stay open door features
- Solid and sturdy grille design
- 4" swivel casters and door locks standard
- 2 year parts and labor warranty
- CEC, MEA



- Refrigerators hold 33° to 38°F
- Freezers hold -10° to 0°F

REFRIGERATORS	L X D X H	# OF DOORS	CU FT	# OF SHELVES	HP	
TSR-23SD	27"l x 30.7"d x 78.1"h	1	23	3	1/4	\$1815.00
TSR-49SD	54.4"l x 30.7"d x 78.1"h	2	49	6	1/2	\$2667.00
FREEZERS						
TSF-23SD	27"l x 30.8"d x 78.1"h	1	23	3	1/2	\$2353.00
TSF-49SD	54.4"l x 30.8"d x 78.1"h	2	49	6	3/4	\$3366.00

Bottom Mount Reach-Ins

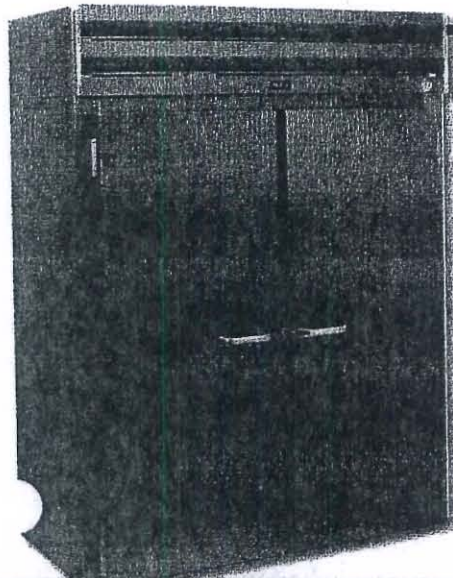
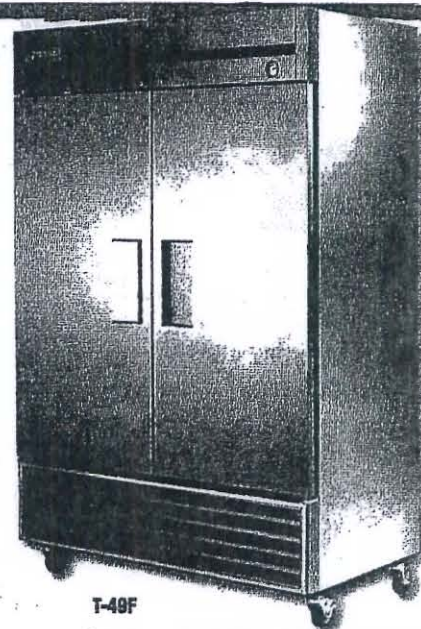
- 300 series stainless steel doors/front
- White aluminum interior with 300 series stainless steel floor
- Refrigerator holds 33° to 38°F, freezer holds -10°F
- Bottom mount compressor • Adjustable PVC coated wire shelves
- Foamed-in-place insulation • Positive seal self-closing doors
- One year parts & labor warranty, 5 year compressor warranty
- Exterior temperature display • 4" casters standard, legs available
- 29 1/2"d x 78 3/4"h (T-72 & T-72F are 79 1/4"h) • 115V (T-72F is 110V)

True

REFRIGERATORS



REFRIGERATORS	LENGTH	CU FT	DOORS	SHELVES	HP	
T-23	27"	23	1	3	1/4	\$1930.48
T-49	54 1/2"	49	2	6	1/2	\$2568.49
T-72	78 1/2"	72	3	9	1/2	\$3749.00
FREEZERS						
T-23F	27"	23	1	3	1/4	\$2599.00
T-49F	54 1/2"	49	2	6	3/4	\$3649.00
T-72F	78 1/2"	72	3	9	1	\$4849.00



Top Mount Reach-Ins

- Stainless steel front, grille and doors
- Refrigerant: 134a refrigerators, 404A freezers
- Aluminum interior and outside ends
- 3 epoxy coated shelves per door opening
- Edge mounted self closing hinges

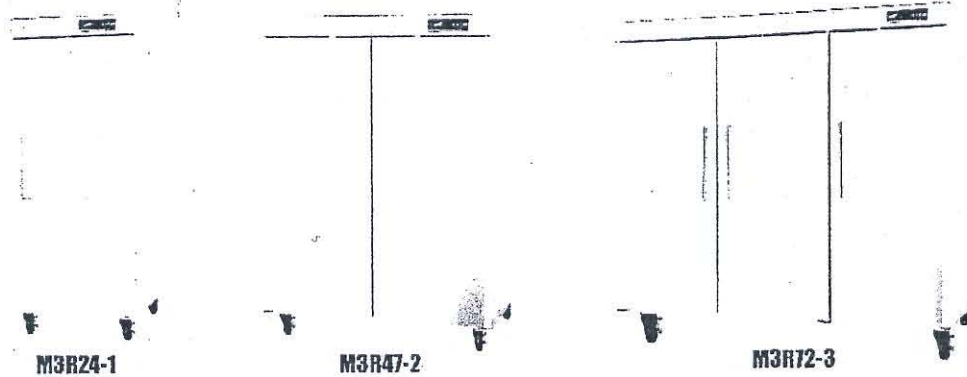
Howard-McCray

- Dial thermometer
- External electric condensate pan
- 5" heavy duty casters
- Top mount condensing unit • 115V



REFRIGERATORS	L X D X H	DOORS	SHELVES	HP	
SR22	26 1/2"w x 35 3/4"d x 83"h	1	3	1/4	\$1949.00
SR48	52 1/4"w x 35 3/4"d x 83"h	2	6	1/2	\$2599.00
FREEZERS					
SF22	26 1/2"w x 35 3/4"d x 83"h	1	3	1/2	\$2399.00
SF48	52 1/4"w x 35 3/4"d x 83"h	2	6	3/4	\$3399.00

Solid Door Refrigerators



FEATURES / BENEFITS

PRECISION TEMPERATURE CONTROL SYSTEM

Provides precise and constant temperature. This level of precision allows food products to remain fresh over an extended period of time.

TEMPERATURE MONITOR

The monitor digitally displays the present temperature. You can easily change the temperature by adjusting the thermostat.

EFFICIENT REFRIGERATION SYSTEM

M3's solid door refrigerators are designed with oversized and balanced (CFC Free R-134A) refrigeration systems. These include efficient evaporators and condensers for faster cooling and greater efficiency.

STOPPING THE EVAPORATOR FAN WHEN THE REFRIGERATOR DOOR OPENS

Through stopping the evaporator fan when the refrigerator door opens, the circulation of hot, moist air into the refrigerator is prevented. This increases energy efficiency and lengthens the life of the compressor.

STAINLESS STEEL INTERIOR AND EXTERIOR

The Turbo Air M3 refrigerator model boasts a stainless steel interior and exterior (except the coated Al inside wall and the back). It guarantees the utmost in cleanliness and long product life. Unlike other companies' products, the sharp corners and edges have been rounded to reduce the risk of injury. The M3 can add a touch of style to the most refined setting.

ADJUSTABLE SHELF WITH 100% ADJUSTABLE IN

COATED ALUMINUM

ENTIRE CABINET STRUCTURE AND SOLID DOORS ARE FORMED-IN-PLACE

using high density, CFC free polyurethane insulation.

ERGONOMICALLY DESIGNED DOORS

Customers' fatigue fades away with easy grip handles and doors that open effortlessly. These features along with self-closing doors make this the ultimate choice in customer convenience. ABS sheet door liners resist water condensation with thermal efficiency.

MAGNETIC DOOR GASKETS

Magnetic door gaskets are of one piece construction, removable without tools for ease of cleaning and replacement.

NOT A CONDENSATE SYSTEM

Through Turbo Air's creative innovation, the condensate system surfaces have been specially treated to resist corrosion. This not only increases efficiency without the risk of refrigerant leakage from corrosion, but also prevents the overflow of condensate water.

REFRIGERATION SYSTEMS

The refrigeration systems are designed to ensure that each part is properly sized and balanced to achieve the highest efficiency and performance.

REFRIGERATOR DOORS ARE OF THE SINGLE DOOR

DESIGN

Model	Swing Door	CUB/FT.	# of Shelves	HP	AMPS	Crated Weight	L D H
M3R24-1	1	24	3	1/4	5.5	286	28 3/4 x 28 1/3 x 78
M3R47-2	2	47	6	1/3	9.2	440	51 3/4 x 28 1/3 x 78
M3R72-3	3	72	9	1/2	11.3	635	77 4/5 x 28 1/3 x 78

Depth does not include 1-3/8" for rear condensate enclosure.

Height does not include 6" for caster height.

Design and specifications subject to change without notice.

M3R24-1 / M3R47-2 / M3R72-3 SPECIFICATIONS

ELECTRICAL DATA	M3R24-1	M3R47-2	M3R72-3
Voltage (V)	115	115	115
Amperes	15	15	15
Compressor (HP)	1/2	1/2	1/2
Feed Wires (with ground)	3	3	3
Cord Length	6'	6'	6'
DIMENSIONAL DATA			
# of Doors	1	1	1
Cubic Feet	2.4	4.7	7.2
# of Racks Accepted	1	1	1
Length Overall (in)	28.7	51.7	77.8
Depth Overall (in)	24.8	47.8	73.9
Height Overall (in)	34.7	39.9	45.1
Interior Dimension (LxDxH)	24.0x24.0x34.0	47.0x47.0x39.0	72.0x72.0x45.0
Shelf Size	24.0x24.0	47.0x47.0	72.0x72.0
# of Shelves	1	1	1

*Design and specifications subject to change without notice.

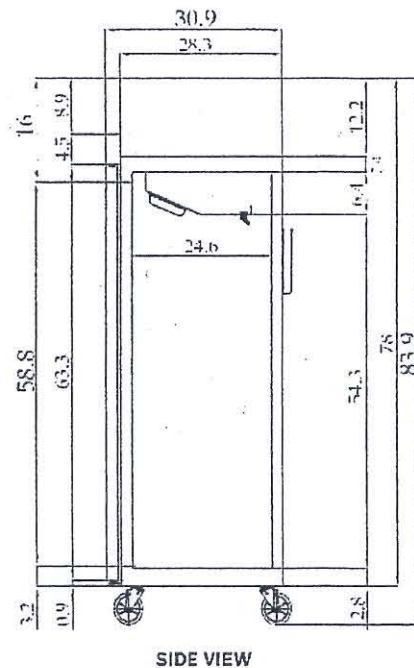
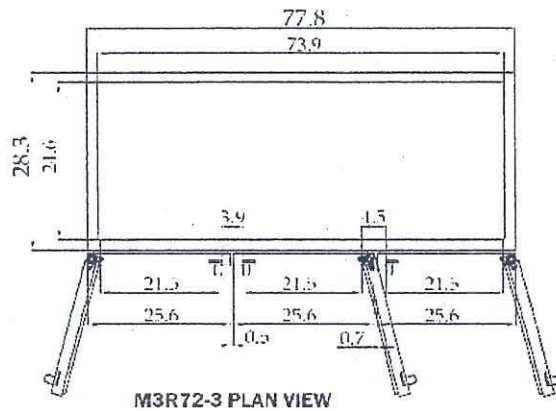
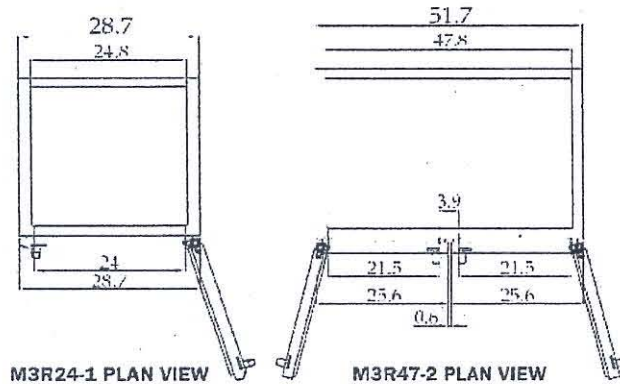
All models accept full size tray racks.

For more information, please contact us at 1-800-850-8500 or visit our website at www.paddyspub.com



California Energy Commission
Certification

(unit : inch)

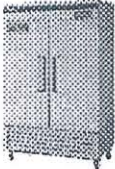


Quote

8/20/2010

Project:
Paddys Pub

From:
Ramar Supply
Mark Raber
8223 S. Harlem Ave.
Burbank, IL 60459
Phone: (708) 233-0808
Cell: (708) 717-3368

Item	Qty	Description	Sell Each	Sell Total
15	1	REFRIGERATOR, REACH-IN  Turbo Air Model No. TSR-49SD Packed: each Super Deluxe Refrigerator, reach-in, two-section, 49 cu. ft., self-contained, 304 s/s exterior & interior, hinged solid doors w/recessed handles, (6) adjustable s/s wire shelves, exterior LED digital thermometer, 4" casters, bottom mount compressor, 1/3 HP, UL, cUL, NSF	2,900.00	2,900.00
	1	ea 2 years parts/labor & 5 yr compressor warranty, standard		
	1	ea 115v/60/1, 9.2 amps, (3 wire w/ground), NEMA 5-15P, standard		

Merchandise	2,900.00
Sales Tax (9.8%)	284.20
Total	3,184.20

Acceptance: _____ Date: _____

Printed Name: _____

Reach-In Super Deluxe Series Solid Door Refrigerators

Exceptional Quality 2 Years Parts and Labor Warranty



FEATURES / BENEFITS

- **DIGITAL TEMPERATURE CONTROL SYSTEM**
Provides precise and constant temperature. This level of precision allows food products to remain fresh over an extended period of time.
- **HIGH-TECH MONITOR**
The unit will beep if the door has been opened for more than 5 minutes. The monitor digitally displays the present temperature and current status of the refrigerator. You can easily change the temperature by adjusting the thermostat.
- **EFFICIENT REFRIGERATION SYSTEM**
Turbo Air's solid door refrigerators are designed with oversized and balanced (CFC Free R-134A) refrigeration systems. These include efficient evaporators and condensers for faster cooling and greater efficiency.
- **AUTOMATIC EVAPORATOR FAN MOTOR DELAYS**
Through stopping the evaporator fan when the refrigerator door opens, the circulation of hot, moist air into the refrigerator is prevented. This increases energy efficiency and lengthens the life of the compressor.
- **STAINLESS STEEL CABINET CONSTRUCTION**
The Turbo Air Super Deluxe model boasts a stainless steel interior and exterior (except the back). It guarantees the utmost in cleanliness and long product life. Unlike other companies' products, the sharp corners and edges have been rounded to reduce the risk of injury. The Super Deluxe can add a touch of style to the most refined setting.
- **STURDY, CLEAN STAINLESS SHELVING**
Shelves are the most important part of cleanliness as they come in direct contact with food. After a while, PVC coated wire shelves may peel, rust and lead to unsanitary conditions. Only the Turbo Air Super Deluxe series uniquely provides stainless shelving.
- **HIGH-DENSITY POLYURETHANE INSULATION**
The entire cabinet structure and solid doors are formed-in-place using high density, CFC free polyurethane insulation.
- **ERGONOMICALLY DESIGNED DOOR**
Customers' fatigue fades away with easy grip handles and doors that open effortlessly. Self-closing and stay open door features make this the ultimate choice in customer convenience.
- **MAGNETIC DOOR GASKET**
Magnetic door gaskets are of one piece construction, removable without tools for ease of cleaning and replacement.
- **BOTTOM MOUNT COMPRESSOR UNITS**
Turbo Air's bottom mount compressor allows easier access for service and extra storage space above. In addition, the lower area provides a cooler and less greasy operating environment which results in reduced compressor running time.
- **REFRIGERATOR HOLDS 33°F - 36°F FOR THE BEST IN FOOD PRESERVATION**

Model	Swing Door	CU/FT.	#of Shelves	HP	AMPS	Crated Weight	L D H
TSR-23SD	1	23	3	1/4	5.5	265	27 x 30 1/3 x 78 2/9
TSR-35SD	2	35	6	1/3	9.0	320	39 1/2 x 30 1/3 x 78 2/9
TSR-49SD	2	49	6	1/3	9.2	419	54 2/5 x 30 1/3 x 78 2/9
TSR-72SD	3	72	9	1/2	11.3	595	81 6/7 x 30 1/3 x 78 2/9

* Height does not include 5" for caster height.

TSR-23SD / TSR-35SD / TSR-49SD / TSR-72SD SPECIFICATIONS

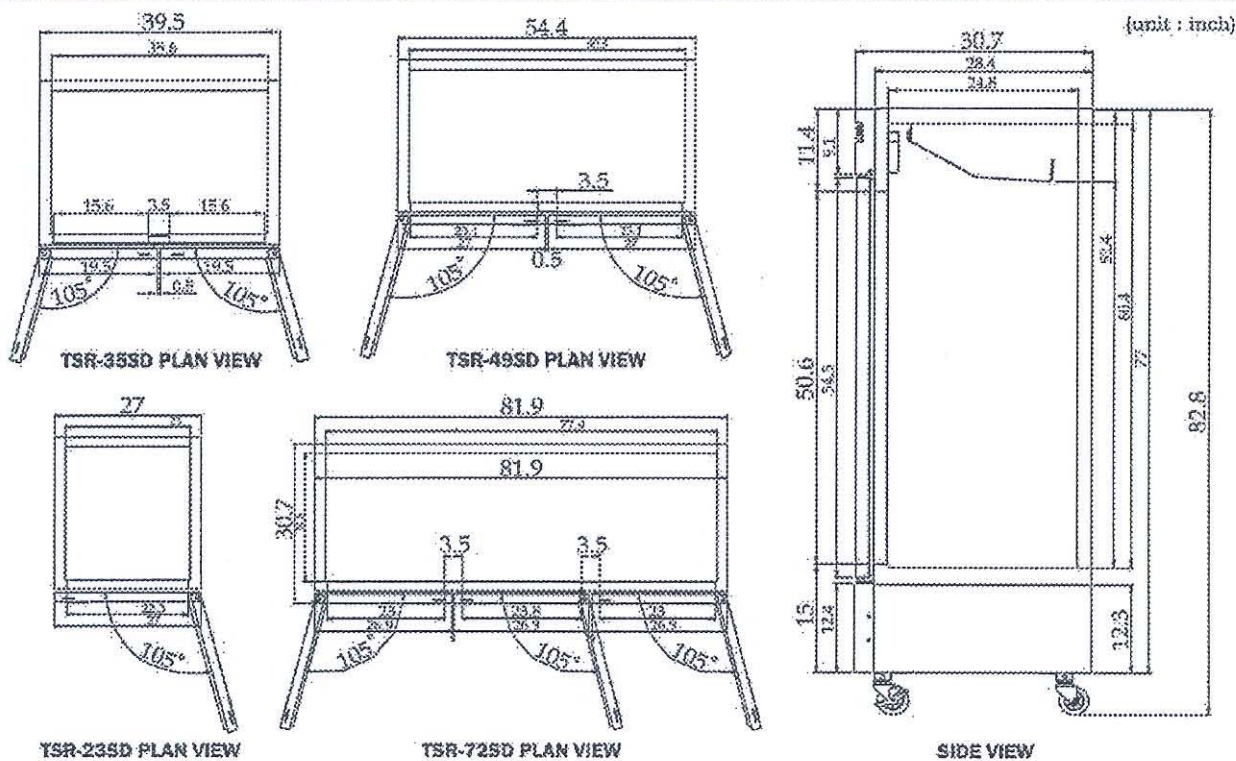
ELECTRICAL DATA	TSR-235D	TSR-355D	TSR-495D	TSR-725D
Voltage (V)	115/60/1	115/60/1	115/60/1	115/60/1
Amperes	5.5 A	8.0 A	9.2 A	11.3 A
Compressor (HP)	1/9	1/3	1/3	1/2
Feed Wire (with ground)	3	3	3	3
Cord Length	8.2 ft.	8.2 ft.	8.2 ft.	8.2 ft.

DIMENSIONAL DATA	TSR-235D	TSR-355D	TSR-495D	TSR-725D
# of Doors	1	2	2	3
Cubic Feet	23	33	49	72
# of Racks Accepted	1	2	2	3
Length Overall (in)	27	35 1/2	54 1/2	81 1/2
Depth Overall (in)	30 1/2	30 1/2	30 1/2	30 1/2
Height Overall (in)	78 1/2	78 1/2	78 1/2	78 1/2
Interior Dimension (LxDxH)	23 1/2 x 24 1/2 x 29 1/2	33 1/2 x 24 1/2 x 29 1/2	50 1/2 x 24 1/2 x 29 1/2	76 1/2 x 24 1/2 x 29 1/2
Shelf Size	21 1/2 x 23 1/2	17 1/2 x 23 1/2	24 1/2 x 23 1/2	24 1/2 x 23 1/2
# of Shelves	3	6	6	9

* Design and specifications subject to change without notice.

- * INCANDESCENT INTERIOR LIGHTING
- * DOOR LOCKS
- * SELF-CONTAINED SYSTEM
- * 4" SWIVEL CASTERS
- * SOLID AND STURDY GRILLE DESIGN
- * LEGS AVAILABLE FOR ALL MODELS (OPTION)
- * TRAY RACK AVAILABLE (OPTION)
All models accept full size tray racks.
- * REMOTE CABINETS AND
CONDENSING UNITS AVAILABLE
FOR ALL MODELS.

- * WARRANTY:** 2 Years Labor and Parts Warranty
Additional 3 Years Warranty on Compressor



APPENDIX D- Addresses Improvements made in Walk-in Cooler Operation. This cooler maintain a constant temperature of 39 degrees and operates on a twenty four hour basis. A new compressor motor to operate a newly installed coil system will eliminate a catch up type mentality. This will reduces our energy costs greatly. Cost of new motor is \$2200.00 and labor has already incurred \$756.00. This motor is electrically operated on 220 volt system.

In addition to the installation of new motor, we would like to install M-Series Strip Curtain for our Walk-in Cooler. This helps retain cold air from escaping while open. \$350.00 cost with \$125.00 Labor

COOL-IT

Refrigeration, A/C & Heat

- 13061 W. 184th St.
- Mokena, IL 60448
- (708) 338-2665

Phone

Date

6/3/10

Name

Paddy B's

Address

Work Done:

Hook up walk in cooler.

5548

1-MA

Amt	Material	Price
6	lbs R414b	150.00
1	083 drier	28.00
1	service value	25.00
	tubing, etc.	15.00

4

Total Hours

340.00

Amount \$

548.00

Tax

14.00

Total \$

562.00

Customer Signature

COOL-IT 7-7

Refrigeration, A/C & Heat

- 13061 W. 184th St.
- Mokena, IL 60448
- (708) 338-2665

Phone

Date 7/1/10

Name

Paddy B's.

Address

Work Done:

Walk in warm -
Replaced burnt overload.

\$462.00

Amt	Material	Price
1	971-0127-05 overload	63.00
	NEW overload Circuits	



1 1/2 Total Hours 127.00

Amount \$ 190.00

Tax 4.00

Total \$ 194.00

Customer Signature



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Supplies »

Supplies »

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TheRDstore.com is continually being updated and we are adding new products at low prices daily.
If you can't find what you're looking for, please [call](#) or [email us](#) for a custom quote.

M-Series Strip Curtain, for walk-in coolers & freezers, 40" W x 80" H, 8



[Request More Info On This Product](#)

Code: M108-PR-4080
Shipping Weight: 17.00 pounds
Quantity in Cart: 0

MSRP: \$350.00

[\[Estimate Shipping Charges for this item\]](#)

Product Information

M-Series Strip Curtain, for walk-in coolers & freezers, 40" W x 80" H, 8" W x .080" thick polar reinforced strips with heat-sealed loop, aluminum tube and universal mounting bracketsUPC# 55205-20148

Manufactured By: Curtron

All products are new from the manufacturer with full warranty.

**Closeout
Room**
Sales & Overstock Equipment

Did you know?

The RD Store is one of the largest online restaurant suppliers.



Sales Flyer



Customer Support



Brands You Can Trust

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Popular Searches

<http://www.therdstore.com/page/IFSES/PROD/M108-PR-4080>

7/2/2010

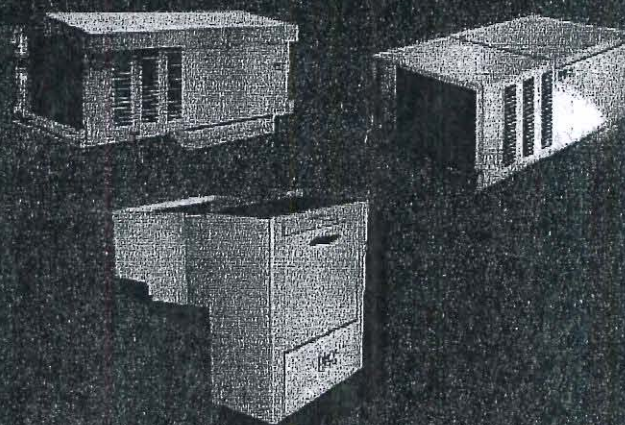
CC-PROTB
SEPTEMBER 2009

Replaces CC-RTMTB, 11/08 & CC-PSMTB, 05/08

CLIMATE
CONTROL

PRO³ TOP MOUNT & SIDE MOUNT PACKAGED REFRIGERATION SYSTEMS

Technical Guide



*Models PTN/PTT/PST
For Indoor and Outdoor Applications*

Table of Contents

Nomenclature.....	2
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PRO³ Top Mount	
EC Motors.....	4
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PRO³ Side Mount	
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E Solutions™ branded products and options are designed to exceed current energy and environmental standards. We have made a conscious commitment to developing environmentally innovative products that allow our customers to make energy efficient, eco-conscious choices. Products included in the E Solutions portfolio reduce costs, improve bottom lines, and enhance both equipment performance and service life. The PRO³ Top Mount and Side Mount packaged refrigeration systems have a reduced refrigerant charge compared to comparable split systems. Also, EC motors are available for the evaporator portion of these units for increased energy efficiency and decreased energy costs. Visit www.heatcrafttpd.com/esolutions for more information.

Nomenclature

P	T	N	072	H	6	B	H
Product Line	Design Orientation	Application Location	Nominal Capacity	Temperature Range	Refrigerant Type	Voltage	Motor
P = PRO ³ Packaged Refrigeration System	T = Top Mount	N = Indoor T = Outdoor	# = BTUH X 100	H = High/ Medium L = Low M = Medium	6 = R-404A	A = 115/1/60 B = 208-230/ 1/60 C = 208-230/ 3/60	H = PSC E = EC (evap. only)

P	S	T	070	L	6	B	H
Product Line	Design Orientation	Application Location	Nominal Capacity	Temperature Range	Refrigerant Type	Voltage	Motor
P = PRO ³ Packaged Refrigeration System	S = Side Mount	T = Outdoor	# = BTUH X 100	H = High/ Medium L = Low M = Medium w/ electric Defrost	6 = R-404A	B = 208-230/ 1/60	H = PSC E = EC (evap. only)

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Features and Benefits

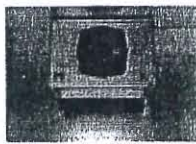
The PRO³ Top Mount and Side Mount packaged refrigeration systems combine evaporator and condensing unit into one unit expediting installation time and reducing refrigerant charge — saving time, money, and energy.

These systems are designed to maximize storage space inside walk-in coolers or freezers and are ideal for small- to medium-sized restaurant and convenience store applications.

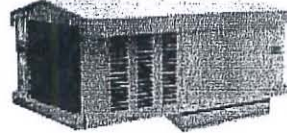
Systems are fully-assembled, evacuated, charged, run-tested and wired at the factory. No additional components are required.



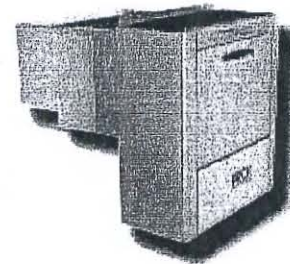
PRO³ Top Mount Installed



PRO³ Side Mount Installed



Top Mount



Side Mount

Primary Application		
Optimized for indoor use	✓	Available
Optimized for outdoor use	Available	✓
Aesthetics		
Maximum vertical storage capacity	✓	
Restaurant-quality brushed-aluminum finish	✓	✓
Performance		
Recommended for temperature pull-down		✓
Ideal for holding temperature	✓	✓
Maximum airflow		✓
Medium-temp defrost		✓
Environmentally Friendly		
Reduced refrigerant charge	✓	✓
R-404A ready	✓	✓
Energy Efficiency		
PSC Motors	✓	✓
EC Motors (Evaporator section only)	Available	Available
Ease of Installation		
Pre-charged with refrigerant	✓	✓
No refrigerant piping required	✓	✓
Evaporative condensate pan	✓	Drain line needed
Controls		
Microprocessor control	✓	✓
Reliable Durable		
Liquid-line filter drier	Medium and large cabinet only	✓
Two-year parts warranty	✓	✓

APPENDIX E-

Purchase and installation of new Sign for Exterior of Restaurant. This sign will be made using the highest efficiency LED technology to insure the highest efficient energy operation. Proposal and Diagram attached
\$5,619.53

Estimate

Page: 1

Mission Signs, Inc.

11555 W. 183rd Place, Suite D
Orland Park, IL 60467
ph. (708) 479-8181
fax. (708) 479-8121

Estimate: 2010- 4048

Printed: 6/29/2010 11:46:38

Description: **Channel Letter Sign**

ph: (708) 349-3077

Prepared For: Tim

fax: (708) -

Company: Paddy B's

Dear Tim:

Thank you for considering Mission Signs for your sign needs. The quotation we discussed is attached below. If you have any questions, please don't hesitate to call me at (708) 479-8181.

Sincerely,

John Marcquenski

Product	Font	Qty	Sides	Height	Width	Unit Cost	Install	Item Total
1 Channel Letters		1	1	24	129	3,350.00	1,000.00	4,350.00

Color: Green on Black

Description: (1) Small Set of Flush Mount Channel Letters
- Green and White Faces, Black Trim and Returns
- White Internal LED Illumination
- Assumes Reuse of Existing Electric
- Includes Removing Existing Sign
- Excludes Sign Permit Cost

Text:

2 Polycarbonate		2	1	24	96	390.20	200.00	980.40
-----------------	--	---	---	----	----	--------	--------	--------

Color: Green, Black on White

Description: (2) New Polycarbonate Inserts for Pylon Sign
- Includes Installation

Text:

Notes:

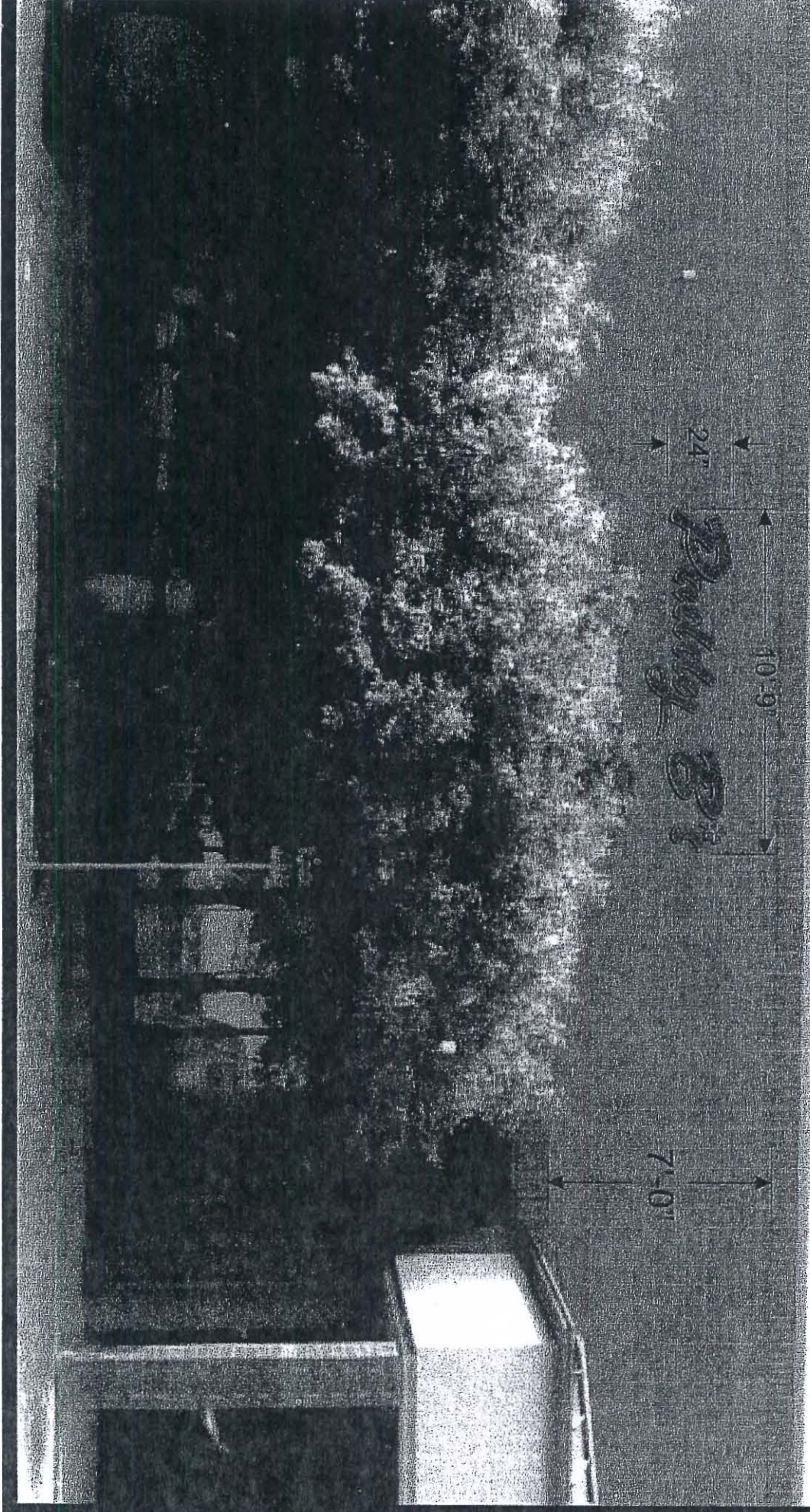
Line Item Total:	\$5,330.40
Subtotal:	\$5,330.40
Taxes:	\$289.13
Total:	\$5,619.53

Deposit Required : \$2,809.76

Company: Paddy B's
11969 W. 143rd Street
Orland Park, IL 60462

Received/Accepted By:

/ /



24' 10'-9" *Prunella B.*

7'-0"

APPENDIX F- Purchase and installation of ceiling fans to facilitate air movement in order to insure efficient operation of HVAC. Cost: 4 Fans \$800.00 Labor \$300.00.



Ceiling Fans

Sign In

Search

0 items Check Out

Print this page

The Savoy - 52"

Model: 20511

Traditional Large Room

Hunter combines 19th century craftsmanship with 21st century design and technology to create ceiling fans of unmatched quality, style, and whisper-quiet performance. Using the finest materials to create stylish designs, Hunter ceiling fans work beautifully in today's homes and can save up to 47% on cooling costs!

Antique Pewter Finish
Black / Cherry Blades
Motor Type:
WhisperWind® Motor

Number of Blades: 5
3 Position Mounting
3 Speeds
CFM High: 5873
RPM High: 175

Wobble-Free® Canopy
ENERGY STAR®
Limited Lifetime
Warranty
Three Position Mount

MSRP: \$209.00

Available at All Hunter Dealers

Average User Rating



(0 reviews)

[Be the First to Review](#)

[Owner's Manual](#)

[Parts Guide](#)

Dimensions	Flush	Standard	Angled
Ceiling to bottom of fan	10 Inches	12.5 Inches	46 Inches
Ceiling to bottom of fan blade	9 Inches	11.5 Inches	45 Inches
Ceiling to bottom of light	4.25 Inches	6.75 Inches	40.25 Inches

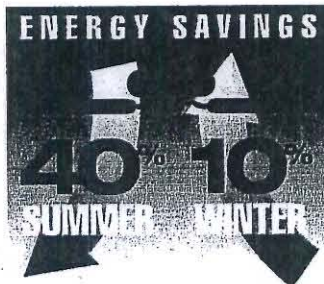
Energy Information

Airflow 5873 Cubic Feet Per Minute	Electricity Use 66 Watts (excludes lights)	Airflow Efficiency 89 Cubic Feet Per Minute Per Watt
--	--	--

Compare:
49" to 60" ceiling fans have airflow efficiencies ranging from approximately 51 to 176 cubic feet per minute per watt at high speed

Money-Saving Tip:
Turn off fan when leaving room

[Energy Savings Calculator](#)



Hunter fans have the power to cut your cooling costs up to 40%.

Beat the High Cost of Cooling

The air movement created by a Hunter ceiling fan lets you set your thermostat higher and still stay comfortable. Every degree you raise the thermostat saves up to 7% on energy costs. So, you can cut back on expensive air conditioning...and save up to 40%* on cooling. In winter, your Hunter fan recirculates warm air and saves up to 10%* on heating bills.

* On average at low speed settings. Your savings may vary based on climate, building type and thermostat setting.

Save Energy and Money While Protecting the Environment

Congratulations! You're saving energy and money while protecting the environment by purchasing this ENERGY STAR qualified Hunter ceiling fan! With this purchase, you are doing your part to protect the environment. In 2010, ENERGY STAR qualified ceiling fans are projected to cut air pollution by more than 500 million pounds!

Your new ceiling fan has earned the ENERGY STAR label because it meets high energy efficiency specifications set by the Environmental Protection Agency (EPA). ENERGY STAR labeled ceiling fans save energy because they have more efficient fan motors and air delivery due to more aerodynamic blade configurations. Ceiling fan models bearing the ENERGY STAR label move air 14 - 20% more efficiently than typical ceiling fan models. For more information on ENERGY STAR visit www.energystar.gov.