

HVACR POCKET GUIDE



HVACR

 **INTERMATIC®**

GRÄSSLIN

Cross Reference:

Grasslin/Intermatic Defrost		Paragon
DTAV40 Series	G8141-00	8141-00
	G8141-20	8141-20
	G8145-00	8145-00
	G8145-20	8145-20
		8041-00
		8041-20
		8043-00
		8043-20
		8045-00
		8045-20
		8046-00
		8046-20
		8047-00
		8047-20
		8143-00
		8143-20
		8245-20
		8243-20
		8247-20
		• ALL SUPCO

Grasslin/Intermatic ON/OFF 7-Day		Paragon
GM40AV-W 7-Day/Weekly/ Skip-a-day	T171	P101-00S
	T173	P103-00S
	T174	P104-71S
	T173	4003-00S; P103-00S
	T174	4004-71S; P104-71S
	T175	4005-00S
	T176	4006-71S

Grasslin/Intermatic ON/OFF 24-Hour		Paragon	
GM40AV 24-Hour	T101	4001-00	P101-00
	T102	4002-71	P102-71
	T103	4003-00	P103-00
	T104	4004-71	P104-71

Grasslin/Intermatic Specialty	Paragon
T7401B	7007-00
T7402B	7007-71
T7801B	7008-00
T7802B	7008-71
T1975	1015-00RS
T1975E	1015-40TS

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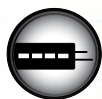
Legend



= Rechargeable Battery Backup



= Replaceable Battery Backup



= 100+ Hour Supercapacitor



= Power Loss Backup

Defrost Timers



DTAV40

- Auto-Voltage 120-240 VAC
- Time Initiated. Temperature, Pressure or Time Terminated
- 40 Amp with captive trippers
- Type 3R enclosure



DTAV40IM

- In metal enclosure
- Auto-Voltage 120-240 VAC
- 40 Amp with captive trippers



DTAV40Q

- Quartz battery backup
- Auto-Voltage 120-240 VAC
- 40 Amp with captive trippers



DTAV40 Series Replaces :

- ALL Paragon 8000 • ALL SUPCO S8000 & M8000

DTAV40VM

- Voltage monitoring feature protects against voltage sags
- Auto-Voltage 120-240 VAC
- Time Initiated. Temperature, Pressure or Time Terminated
- 40 Amp with captive trippers

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DTAV40E

- Electronic with 20 ON/OFF events
- Auto-Voltage 120-240 VAC
- Power loss backup



G8000 Series

- Heavy-Duty Synchronous Motor
- Time Initiated. Time, Temperature, or Pressure terminated models available
- Available in 120, 208 or 240 VAC

DTAV40M

- Mechanism Only
- Snaps easily into alternate enclosures

DT-B

- Bracket mount
- OEM Specific

{ also available }

General Purpose ON/OFF Time Switches



GM40AV

- 120-277 VAC
- Auto-Voltage selection
- 40 Amp with captive trippers
- Manual 3-way OFF/AUTO/ON override
- Type 3R Enclosure



GM40AVE

- Electronic 24-Hour/7-Day
- Auto-Voltage 120-240 VAC
- Power loss backup



GM40AV-QW

- 7-Day/Weekly/Skip-a-Day
- Quartz battery backup
- Auto-Voltage 120-277 VAC
- 40 Amp with captive trippers



GM40AV Series Replaces :

- ALL Paragon 4000 & P100
- Tork 1100 Series & TU40

T100 Series

- SPST, or DPST or 1 N.O./1 N.C.
- 120, 208-277 VAC, 60 Hz
- Direct 24-Hour control of most loads
- Controls loads up to 40 Amps
- 12 ON/OFF events per day



T171 Series

- 24-Hour with Skipper™
- 40 Amps
- Available with carryover



T1900HD Series

- 24-Hour Mechanical
- 96 ON/OFF events per day
- 20 Amps
- Available with Skipper™



T74000B Series

- 7-Day Time Switch
- 40 Amps
- Available with carryover



GMXST Series

- 24-Hour or 7-Day
- 21 Amp Light-Duty Commercial Time Switch
- Available with 24, 120 or 240 VAC



T104-50

- DPST
- 208-277 VAC, 50 Hz

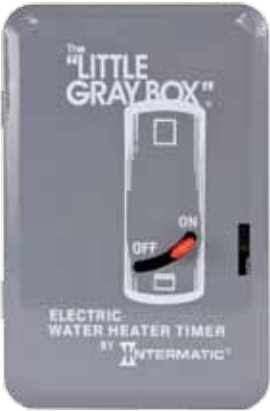
{ also available }

Water Heater Timers



EH40

- 240 VAC Electronic Time Switch
- 6 ON/OFF events per day
- External override switch
- Replaceable battery backup protects programming for 3+ years



WH40

- 240 VAC Mechanical Time Switch
- External override switch
- 3 sets ON/OFF trippers



WHAHQ4 or WHAQ7

- 24-Hour or 7-Day
- Auto-Voltage 120-277 VAC
- Quartz battery backup and 3-way override



{ also available }

EH10

- 120 VAC electronic time switch
- 6 ON/OFF events per day

Electronic Time Switches

ET90000 Series

- 365-Day astronomic timing
- Auto-Voltage selection from 120 to 277 VAC, 50/60 Hz
- 4,000 events
- 30 Amp rated contacts
- 100+ hour supercapacitor



ET1105C

- 24-Hour Electronic Time Switch
- 28 events per day
- Multi-Voltage 120-277 VAC



ET1715C

- 7-Day Electronic Time Switch
- 28 events per week
- Multi-Voltage 120-277 VAC



For our complete line of products refer to the Intermatic Catalog or visit www.intermatic.com

For Technical Support call 815-675-7000

Timer Modules



FMD Series

- 24-Hour or 7-Day
- 1 or 2 Channel
- Manual override
- Panel, surface, flush or DIN rail mount available
- Power loss backup retains memory



MIL72 Series

- 24-Hour or 7-Day
- Surface, Flush or DIN Rail Mount
- Available with 3-Way Override and/or quartz battery backup



FM1 Series

- 24-Hour or 7-Day
- Panel Mounting
- 21 Amp SPDT Switch
- Available with 3-Way Override and/or quartz battery backup



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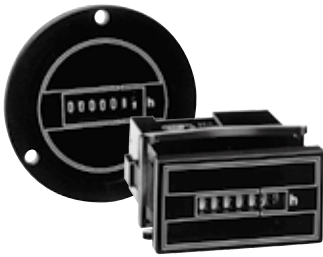
TalentoPro

- 400 memory spaces
- Auto-Voltage 24-240 VAC, 24 VDC
- Weekly, astronomic or annual scheduling variations
- PC transfer via IR interface
- Holiday, pulse, cycle, or ON/OFF timing

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Hour Meters



FWZ Series

- Capacity: 99.999.99 hours
- Watertight and dusttight
- Flush panel retainer mounted
- 50 or 60 Hz



RZ Series

- Runs without electrical connection
- Automatically converts vibrations into energy



UWZ Series

- Meets IP20 Rating for indoor applications
- Panel, surface, flush or DIN rail mount available
- 24, 120, 240 VAC available

In-Wall Countdown Timers



EI400 Series

- Timer setting 1 second to 24 hours
- True 3-way control
- To-the-second accuracy
- No neutral required
- Replaceable battery backup



Light Almond



Ivory



Ivory



Light Almond



Ivory



Light Almond

EI200 Series

- Single button time selection
- Available with HOLD feature
- Time ranges from 30 Minutes to 12 Hours

FF/FD Series (Spring Wound)

- Available in 5, 15, 30 and 60 Minute and 2, 4, 6 and 12 Hour time ranges
- FF Series is commercial grade
- SPST, DPST, DPST reverse action

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In-Wall Programmable Timers

EI600 Series

- 40 ON/OFF events per week
- Auto Daylight Saving Time adjustment
- Astro feature, combined with specific timed programming
- No neutral required
- Replaceable battery backup



Ivory



Light Almond



Ivory

ST01 Series

- 40 ON/OFF events per week
- No neutral required
- Auto Daylight Saving Time adjustment



Ivory



Light Almond

EI500 Series

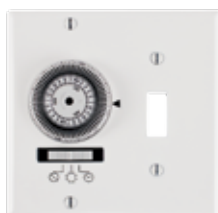
- 14 ON/OFF events per week
- 24-Hour or 7-Day load control of lights, fans, pumps and medium-duty loads



In-Wall Mechanical Timers

KM2ST-1G

- 20 minute increments
- 36 ON/OFF events per day
- Captive trippers
- Replaces standard wall switch
- Fluorescent and CFL compatible



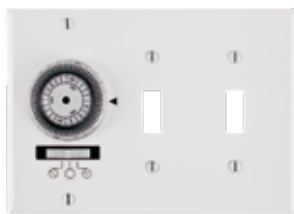
KM2ST-2G
• Two-gang toggle



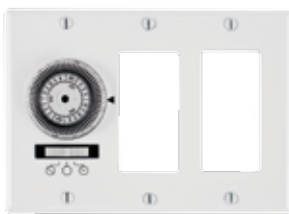
KM2ST-2D
• Two-gang decorator



KM2ST-2R
• Two-gang receptacle



KM2ST-3G
• Three-gang toggle



KM2ST-3D
• Three-gang decorator



KM2ST-4G
• Four-gang toggle

{ also available }

KM2STUH-120

- Mechanism Only

Plug-In and Appliance Timers

HB Series

- Heavy Duty Air-Conditioner, Heater, and Appliance Timer
- 2500-5000 Watts
- 15 and 20 Amps
- 120-240 VAC; 1HP, 2HP



HB112



HB113



HB114



DT620

- Easy-Program Electronic Timer
- 28 ON/OFF settings
- Astronomic feature
- 2 grounded receptacles



TN311C

- 3 ON/OFF settings per day
- Grounded plug and receptacle
- 120 VAC

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HVAC Surge

AG3000

- 120/240 VAC Single Split Phase SPD for use on a variety of HVAC Equipment
- Only HVAC Surge Protector that is Type 1 and Type 2 compatible
- Meets all UL1449 3rd Edition Standards
- TPMOV® surge technology



Cycle Timer



CT2000

- Provides 8 field selectable cycle durations
- User settings stored in non-volatile memory
- No DIP switches to program cycle time
- Functions in dusty, ammonia, and wash-down environments
- Withstands surges of up to 6,000 VAC

{ also available }

Talento 121 Series

- One-Hour repeat cycle Timer
- 48 ON/OFF settings

Notes:

Scan me for detailed
product information



