



## ENVIROPURGE Thermal R11/R123/R113/R114 Purge Unit

### Reliable Purge Saves You Hundreds of Dollars Over Competitive Units



- Prevents "false purges" other units experience from low chiller condenser vapor temperature or refrigerant stacking in the purge vessel.
- Maximum purge pumpout safety prevents refrigerant loss.
- Excessive purge count indicates possible leaks.
- Programming operations is an easy menu-driven procedure.
- Energy saving mode shuts down the unit if noncondensibles are absent.
- Automatically purges air from idle chillers for better start-up efficiency
- No Need to Drill & Tap Condenser Shell, unit returns refrigerant to the chiller evaporator.
- Adapts to any brand of chiller and conveniently installs near floor level.

#### Specifications

Discharge	0.049-lb refg/lb-air
Dimensions	36"l x 25"w x 30"h
Weight	130-lbs
Display	32 char, 2 row
Condensing Unit	1/2-hp high-temp R314a
Connections	3/8" inlet, 1/4" return
Warranty	1 year parts
Power	115/60/1, 110/50/1 230/60/1, 220/50/1

#### Prevents Catastrophic Refrigerant Loss Due to:

- Low chiller condenser saturation temperature  
Purge vessel liquid overflow or return line restriction
- Excessive purge pumpout time
- Condensing Unit Malfunction

#### Historical Data

Scrolls the following values for easy, hands-free logging:

- Pumpout Avg: Last 30-days
- Pumpout Avg: Last 7-days
- Pumpout Avg: Last 24-hours
- Pumpout Avg: Last 4-hours
- Pumpout Avg: Chiller off
- Pumpout Time Total
- Vessel Liquid Min. Setpoint
- Pumpout Cycle Total Count
- Manual Mode Run Time Last 30-days
- CarbCan Change Time (opt)

During normal operation the unit continuously displays and scrolls several system temperatures (in 0F or 0C) plus the current total pumpout time and cycle count.

Order Number	Power options	Refrigerant serviced
EMS-611-011	103-127V,60Hz,1Ph,20A	R11 Chiller service
EMS-611-113	103-127V,60Hz,1Ph,20A	R113 Chiller service
EMS-611-114	103-127V,60Hz,1Ph,20A	R114 Chiller service
EMS-611-123	103-127V,60Hz,1Ph,20A	R123 Chiller service
EMS-522-011	220-240V,50/60Hz,1Ph,15A	R11 Chiller service
EMS-522-113	220-240V,50/60Hz,1Ph,15A	R113 Chiller service
EMS-522-114	220-240V,50/60Hz,1Ph,15A	R114 Chiller service
EMS-522-123	220-240V,50/60Hz,1Ph,15A	R123 Chiller service

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