

WARRANTY 24 MONTHS OTC

100% FIELD REPAIRABLE

15 MICRONS **VACUUM RATING**

2-STAGE DIRECT DRIVE

100% **FACTORY TESTED**

THE BEST VACUUM PUMP IN THE INDUSTRY

American pride and expertise backed by an unprecedented 24 month over-the-counter warranty. Subjected to rigorous performance standards and testing, the Platinum® series is the top of the line for both quality and durability. Platinum® vacuum pumps feature a gas ballast and blank-off valve.

FEATURES

1/2 HP Capacitor start

1/4", 3/8" and 1/2" Intake tee

Ergonomic 1/2" break resistant exhaust handle with lift ring

Blank-off/Isolation valve for testing system leaks

Gas ballast keeps oil cleaner to extend pump life

All metal construction, brass fittings and stainless steel valving

2-Stage direct drive to achieve deep vacuum

Tethered safety cap prevents oil spills

O-Ring sealed drain valve prevents leaks

Thermal overload protection

Low profile rocker power switch

Aluminum fins for superior heat dissipation

Check valve prevents oil back flow during power failure

Pair with Velocity VL-100 for faster evacuation

Available in 115v and 230v











Completely field repairable, the Platinum® series is designed to last. See page 92 for a complete list of repair parts. Subject to warranty as set forth on page 90.

To check vacuum accurately, use the DV-40 SUPERNOVA, DV-40S or the DV-22N. Operating instructions available online.

www.famcocorp.com

E-mail: info@famcocorp.com

@famco_group

(Tel:071- F A 0 0 0 0 F 9

(a) Fax:011 - ۴۴99۴۶۴۲

تهران، کیلومتر۲۱ بزرگراه لشگری (جاده مخصوص کرج) روبـروی پالایشگاه نفت پارس، پلاک ۱۲



MEW

SPARK-PROOF MOTOR

New Spark-Proof Motor has the same features as our other pumps with the addition of spark-free, dual-voltage operation.

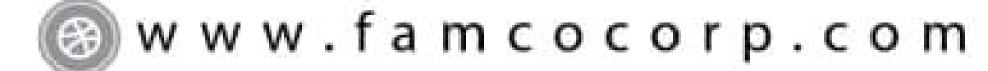
For use with A2L refrigerant gases such as R32 and 1234YF.

Part No. DV-200N-250SP



PLATINUM® Pump Assembly

			PLATINUM® Pump As	sembly	
PLATINUM® PU	MPS				
	DV-42N	DV-85N	DV-142N	DV-200N/ DV-200N-250SP	DV-285N
CFM	1.5 CFM (42 l/m)	3 CFM (85 l/m)	5 CFM (142 l/m)	7 CFM (200 l/m)	10 CFM (285 l/m)
MOTOR	1/2 HP, 1725 RPM				
VOLTAGE	115v, 60Hz				
PLUG	US 110v				
INTAKE PORT	1/4"	1/4" x 3/8"	1/2" x 1/4" x 3/8"	1/2" x 1/4" x 3/8"	1/2" x 1/4" x 3/8"
OIL CAP	26 oz (798 cc)	26 oz (798 cc)	21 oz (680)	21 oz (680)	26 oz (798 cc)
SHIP DIMENSIONS	17-5/8" h 9-1/8" w 14" l				
WEIGHT	29 lbs (13.2 kg)	30 lbs (13.6 kg)	32 lbs (14.5 kg)	32 lbs (14.5 kg)	34 lbs (15.4 kg)
EUROPEAN					-250E
	DV-42N-250EU	DV-85N-250EU	DV-142N-250EU	DV-200N-250EU	DV-285N-250EU
MOTOR	1/2 HP, 1425 RPM				
VOLTAGE	230v/50Hz	230v/50Hz	230v/50Hz	230v/50Hz	230v/50Hz
PLUG	European	European	European	European	European
DUAL VOLTAGE					-25
	DV-42N-250	DV-85N-250	DV-142N-250	DV-200N-250	DV-285N-250
MOTOR	1/2 HP, 1725 (1425) RPM				
VOLTAGE	115v, 60Hz and 230v/50Hz	115v, 60Hz and 230v/50Hz	115v, 60Hz and 230v/50Hz	115v, 60Hz and 230v/50Hz	115v, 60Hz and 230v/50Hz
PLUG	US 220v				
UNITED KINGD	OM				-250U
	DV-42N-250UK	DV-85N-250UK	DV-142N-250UK	DV-200N-250UK	DV-285N-250UK
MOTOR	1/2 HP, 1425 RPM				
VOLTAGE	230v/50Hz	230v/50Hz	230v/50Hz	230v/50Hz	230v/50Hz
PLUG	UK	UK	UK	UK	UK



E-mail: info@famcocorp.com

afamco_group



WARRANTY 24 MONTHS OTC

100% FIELD REPAIRABLE

25 MICRONS VACUUM RATING

2-STAGE DIRECT DRIVE

100% FACTORY TESTED

THE BEST AMERICAN MADE ECONOMY PUMP

Backed by an unprecedented 24 month overthe-counter warranty. Built for the air conditioning serviceman who wants a high quality, dependable vacuum pump, the Eliminator® series offers many higher end features with an affordable price. American made and 100% tested to JB's stringent quality standards, the Eliminator® is the best economy vacuum pump in the industry.

FEATURES

1/2 HP Capacitor start

1/4" and 3/8" Intake tee

Ergonomic 1/2" break resistant exhaust handle

Large, easy to see oil level sight glass

2-Stage direct drive to achieve deep vacuum

Oil fill located on cover for easy access

Intake tee spaced away from handle for easy access

Tethered safety cap prevents oil spills

Well protected o-ring sealed drain valve prevents leaks

All metal construction, brass fittings and stainless steel valving

Increased oil capacity for cooler running temperature and reduced contamination

Pair with Velocity VL-100 for faster evacuation

Available in 115v and 230v

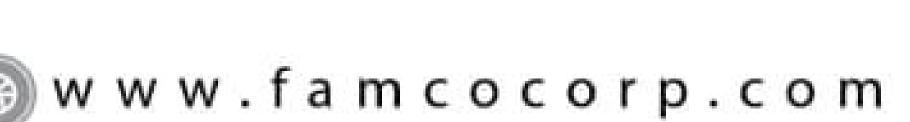






Completely field repairable, the Platinum® series is designed to last. See page 94 for a complete list of repair parts. Subject to warranty as set forth on page 90.

To check vacuum accurately, use the DV-40 SUPERNOVA, DV-40S or the DV-22N. Operating instructions available online.



E-mail: info@famcocorp.com

@famco_group

(Tel:071- F A 0 0 0 0 F 9

(a) Fax:011 - ۴۴99۴۶۴۲

تهران، کیلومتر۲۱ بزرگراه لشگری (جاده مخصوص کرج) روبـروی پالایشگاه نفت پارس، پلاک ۱۲







CHOOSING CFM

CFM² = Maximum Tonnage Rating. Take the CFM rating of a pump and multiply it by that number to find the maximum number of tons the pump is rated for:

3 CFM pump (3 x 3) is rated for 9 tons 7 CFM pump (7 x 7) is rated for 49 tons

Depending on the system line sizes of large tonnage systems, it is better to put two or more smaller, easily maneuverable pumps at different locations. This will overcome some of the pressure drop problems and evacuate faster than a single, large pump. Pumps in the 1.5 to 10 CFM class are adequate to handle 99% of the work.

JB pumps are built to last. To learn how to properly care for your pump, visit us online at www.jbind.com.



HOW TO MEASURE EVACUATION

A micron is a unit of pressure starting from a perfect vacuum (no pressure) expressed in linear increments. One inch equals 25,400 microns. The last inch of pressure below zero on the low side compound gauge is 25,400 microns.

A compound gauge only indicates that a vacuum is being produced, but does not tell you if moisture or contaminants are still in the system. Evacuation is complete when the last inch of pressure as indicated on the gauge is 25,400 microns. A system holds 500 microns to ensure dehydration is complete.

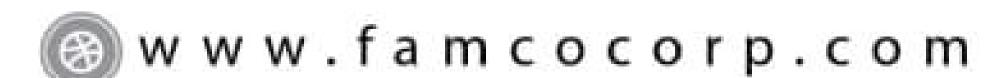
Therefore, there is a small fraction of an inch difference between a complete evacuation and an inadequately evacuated system. A compound gauge cannot measure this pressure at these levels accurately.

Only a micron gauge like the SupernovaTM
DV-40S or our DV-22N can accurately read the low pressures produced when evacuation/dehydration is complete.



Wireless Digital Micron Gauge

ELIMINATOR® P	UMPS			
	DV-3E	DV-4E	DV-6E	
CFM	3 CFM (85 l/m)	4 CFM (113 l/m)	6 CFM (170 l/m)	
MOTOR	1/2 HP, 1725 RPM	1/2 HP, 1725 RPM	1/2 HP, 1725 RPM	
VOLTAGE	115v, 60Hz	115v, 60Hz	115v, 60Hz	
PLUG	US 110v	US 110v	US 110v	
INTAKE PORT	1/4" x 3/8"	1/4" x 3/8"	1/4" x 3/8"	
OIL CAP	28 oz (828 cc)	25 oz (739 cc)	25 oz (739 cc)	
SHIP DIMENSIONS	17-5/8" h x 9-1/8" w x 14" l	17-5/8" h x 9-1/8" w x 14" l	17-5/8" h x 9-1/8" w x 14" l	
WEIGHT	29 lbs (13.2 kg)	30 lbs (13.6 kg)	30 lbs (13.6 kg)	
DUAL VOLTAGE			-250	
	DV-3E-250	DV-4E-250	DV-6E-250	
MOTOR	1/2 HP, 1725 (1425) RPM	1/2 HP, 1725 (1425) RPM	1/2 HP, 1725 (1425) RPM	
VOLTAGE	US 110v	US 110v	US 110v	
PLUG	1/4" x 3/8"	1/4" x 3/8"	1/4" x 3/8"	
EUROPEAN			-250EU	
	DV-3E-250EU	DV-4E-250EU	DV-6E-250EU	
MOTOR	1/2 HP, 1425 RPM	1/2 HP, 1425 RPM	1/2 HP, 1425 RPM	
VOLTAGE	230v/50Hz	230v/50Hz	230v/50Hz	
PLUG	European	European	European	
UNITED KINGDO	MC		-250UK	
	DV-3E-250UK	DV-4E-250UK	DV-6E-250UK	
MOTOR	1/2 HP, 1425 RPM	1/2 HP, 1425 RPM	1/2 HP, 1425 RPM	
VOLTAGE	230v/50Hz	230v/50Hz	230v/50Hz	
PLUG		UK	UK	



E-mail: info@famcocorp.com

@famco_group