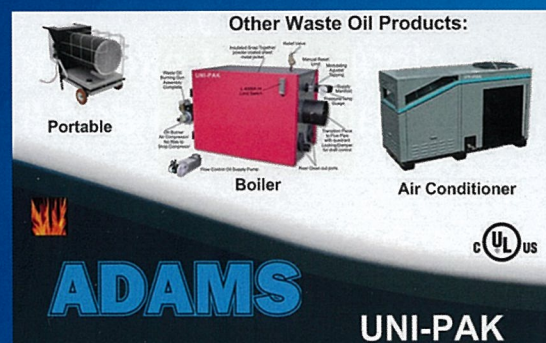


All Models are Fully Automatic Controlled by a Wall Thermostat

UNI-PAK waste oil heaters do not require constant cleaning and adjustments. OPERATIONS OTHERS BELIEVE ARE STANDARD PROCEDURES!

UNI-PAK Burns waste oil, a no cost fuel, onsite as approved by the EPA and realize one of the quickest investment returns a business owner can expect. In some cases, you can experience full return in as little as 18 months.

Additional cost comparison	UNI-PAK	The other guys
Annual burner repair kit	✓ NOT NEEDED	\$500+
Optional on board air compressor	✓ INCLUDED	\$400-600+
Supplying shop air electrical demand	✓ NOT NEEDED	Cost Varies \$+
Optional oil flow control supply pump (if offered)	✓ INCLUDED	\$500+
Annual or MORE pre-heater carbon flush services and time spent	✓ NEVER NEEDED	Cost Varies \$+
Optional longer life stainless steel construction (if offered)	✓ STANDARD	\$500+



www.adamsmanufacturing.com
216-587-6801 adamsx@att.net



UNI-PAK

WASTE OIL BURNING HEATERS

by **ADAMS**

Innovative Leaders of Waste Oil Burning Technology
Continue to Set New Standards With the

FLAME CONTROL SYSTEM



MEETS EPA REGULATIONS

RECYCLE WASTE OIL INTO

FREE HEAT

BURNS:

Crank Case & Gear Oils, Transmission & Hydraulic Fluids, All Petroleum Products, Any Weight Combination Up to SAE 90W & Cooking Oils, Synthetics and Fuel Oils.

Eliminates Handling & Storage Risks

Eliminates Disposal Costs



ADAMS

WASTE OIL HEATERS

UNI-PAK



DWH-75/150



DWH-250



DWH-350/500



DWH-350B/500B

Patented Oil Preheat System
ELIMINATES the need for routine disassembly of your burner to scrape out carbon build up in the oil heat block. Provides Total Flame Control



Built-in Air Compressor.
UNI-PAK includes a built-in vane oil-less compressor as standard equipment. Our compressor requires no maintenance and allows the unit to operate 24 hours/day without an external air supply.



Bi-Directional Heat Throw
Centrally Located in Long Building. Provides Better Heat Distribution.



304L 16 Gauge
Stainless Heat Exchanger

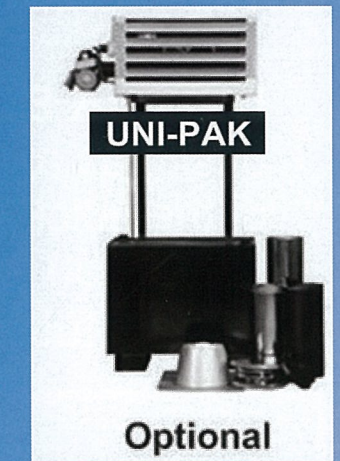
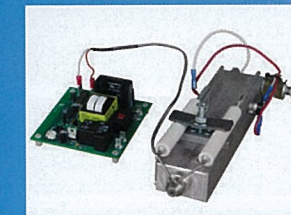
Industries Longest Warranty

- Combustion chamber and heat exchanger fifteen (15) years
- Oil heater block, twenty (20) years

Uni-PAK Flame Control System is a patented system that consists of an Oil Flow Supply Pump and a Non-Carboning Oil Preheater that controls the fuel by volume. No Adjustments needed for various viscosities.

The Workbench/Tank Stand is space-saving and multi-functional.

Long burn path provides high efficiency and eliminates the need for a target wall. UNI-PAK waste oil burners are up to 90% efficient.



Optional

Industry's Easiest Cleaning Access



Swing Out Burner Doors

Our System Results in These Benefits

- Non-Carboning oil heater block
- Other manufacturer's units require frequent cleaning
- Most thorough burn greatly reducing ash deposits
- Less stress on metals preventing over fire after initial flame adjustment. No target burn-out Clean heater
- only once a season under normal conditions
- Greatest efficiency
- Only system that burns 90 weight oils



Full access clean out panel. UNI-PAK provides complete access to the inside of heat exchanger and combustion chamber through our full length clean out panel. Our competitors provide only limited access or require clean out of exchangers that are too small to reach and thoroughly clean



ADAMS

UNI-PAK



SUPER DELUXE WASTE OIL HEATER



AWH75/150



AWH250/350



AWH500

The largest selection of UL and CUL listed Waste Oil Heaters in the industry, there is a UNI-PAK Heater that can meet your facilities heating needs. Why settle? Experience the difference!

MODEL	AWH-75	AWH-150	AWH-250	AWH-350	AWH-500
BTU/HR INPUT	75,000	150,000	250,000	350,000	500,000
BTU/HR OUTPUT	60,000	120,000	215,000	300,000	410,000
GALLONS PER HOUR	0.5	1.0	1.75	2.4	3.4
WEIGHT W/ BURNER	130#	240#	365#	400#	660#
SHIPPING WEIGHT	150#	375#	535#	575#	725#
EFFECTIVE AIRFLOW	50FT	60FT	70FT	80FT	100FT
FLUE SIZE	6"	8"	8"	8"	8"

High Output

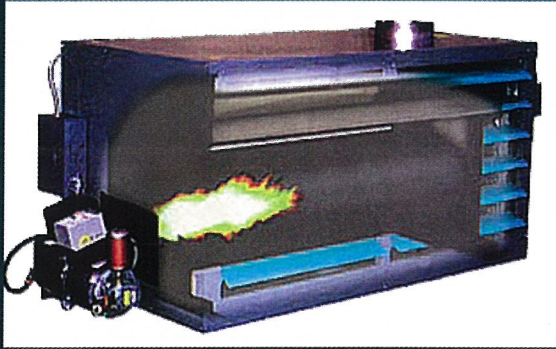
With axial fans and a large vent area, the UNI-PAK waste oil heaters have very high warm air output with more CFM's, farther air throw and quicker recovery time than all other waste oil heaters other than the UNI-PAK line. This means less fuel consumption while operating, less electricity used, and less wear and tear on the equipment for a better and more efficient waste oil heating experience.



ADAMS --- UNI-PAK BEST by HEAT TEST

ADAMS

UNI-PAK



SUPER DELUXE WASTE OIL HEATER

BTU/HR INPUT

75,000 - 150,000 - 250,000 - 350,000 - 500

GALLONS PER HOUR 0.5 - 1.0 - 1.75 - 2.4 - 3.4

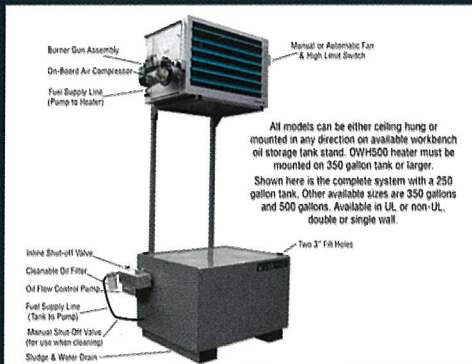
BTU/HR OUTPUT

60,000 - 120,000 - 215,000 - 300,000 - 410,000

Less Service Required

Some manufacturers request their customers shut the unit down during summer months to eliminate the carboning process. This is not needed! If the heater block assembly is our UNI-PAK system, just leave your unit on and it will automatically start by the thermostat when heat is needed. UNI-PAK burners do not need to be torn apart to access the heater block for cleaning.

Our Heat Exchangers consist of formed 304L 16 Ga. Stainless steel plates that have a double rolled pressed seam. This pressed seam construction eliminates the possibility of stress cracks that can occur from welding. Stainless steel is the longest lasting, most durable material available for higher temperature applications. Other manufacturers use lower cost materials and try to compensate with thicker walls of inferior steel.



Optional



BI-DIRECTIONAL MODELS AVAILABLE
350/500 Models

Additional cost comparison	UNI-PAK	The other guy
Annual burner repair kit	✓ NOT NEEDED	\$500+
Optional on board air compressor	✓ INCLUDED	\$400-600+
Supplying shop air electrical demand	✓ NOT NEEDED	Cost Varies \$+
Optional oil flow control supply pump (if offered)	✓ INCLUDED	\$500+
Annual or MORE pre-heater carbon flush services and time spent	✓ NEVER NEEDED	Cost Varies \$+
Optional longer life stainless steel construction (if offered)	✓ STANDARD	\$500+

ADAMS

MANUFACTURING COMPANY

9790 Midwest Ave. • Cleveland, Ohio 44125

(216) 587-6801

adamsx@att.net

Available from:

www.adamsmanufacturing.com

ADAMS

UNI-PAK

MOBILE WASTE OIL RADIANT HEATER

Heat anywhere with this portable waste oil heater. Mobile and self contained for use on job sites and other outdoor or very well ventilated applications. Use a variety of fuels to produce up to 150,000 BTU's per hour. Enjoy years of FREE RADIANT HEAT, low maintenance and clean waste oil burning.

FREE HEAT!

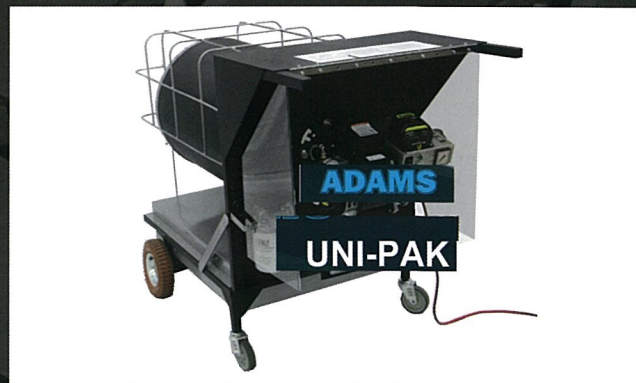
NO INSTALLATION REQUIRED JUST PLUG & GO

Application & Purposes

- Factory, Plant, Workshop (Only if Extremely Well Ventilated)
- For Use Outdoors
- Construction Site
- Drying of Paints and Adhesive
- Warm up athletes at sports playing area (baseball stadium, football, soccer ground, golf driving range, skiing, ice-skating)
- Outdoor Party
- Mines
- Asphalt and Concrete Preparation
- Military
- Airline Companies (warming up engines)

CRANK CASE & GEAR OILS
TRANSMISSION & HYDRAULIC FLUIDS,
ALL PETROLEUM PRODUCTS ANY
WEIGHT UP TO SAE 90W & COOKING
OILS AS WELL AS FUEL OILS

PORTABLE HEATER



**Eliminate Disposal Costs
Eliminate Handling & Storage Risks**

PWH-150 RADIANT OUTDOOR WASTE OIL HEATER

Heat Output 150,000 BTU/HR
Fuel Waste Oils / Deisel / Kerosene
Tank Capacity 17 Gallons

Dry Weight 180 lbs.

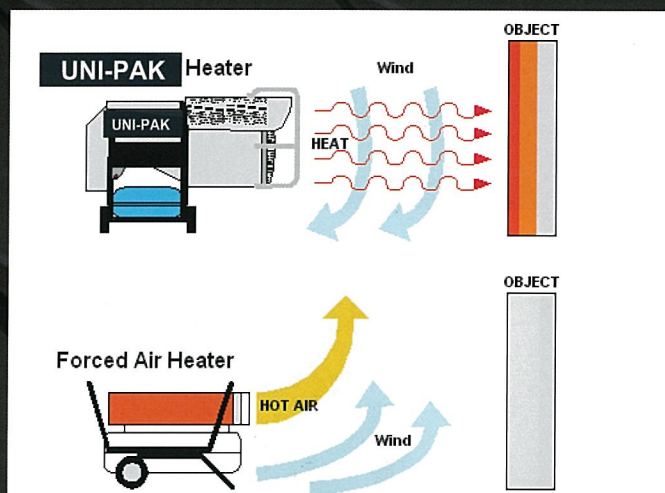
External Dimensions (LxWxH) 50 x 28 34 (in.)

Control System 5 sec. Pre-Purge 180 Sec. Post Purge

Burner Type Compressor Air Atomized Waste Oil Burning

Syphoning Nozzle - Air and Oil Type 9-5 Variable Flow Rate

Monitoring System Photocell flame monitor, 3A Fuse, Vibration Sensor

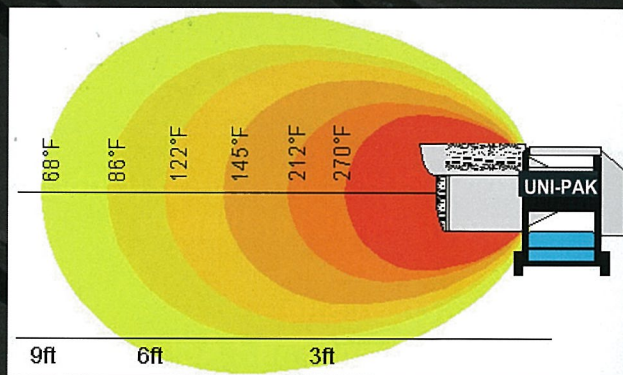


Dust Free

UNI-PAK only sends the heat forward.
Dust free and clean.

Smokeless While Burning

When properly adjusted, the UNI-PAK Radiant doesn't produce smoke when it burns. It sends only the heat forward with the exhaust gases going upward.



Easy and Speedy

The UNI-PAK Radiant Heater can start up or shut off in 5 to 6 minutes and reaches peak heating efficiency in just a couple of minutes.

Quick Set Up

Just Plug it in and Start it Up

Heat Transfer

The infrared heat transfers straight and directly to the object.

ADAMS

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adamsx@att.net

UNI-PAK

Available from:

www.adamsmanufacturing.com

ADAMS

UNI-PAK

WASTE OIL BOILER



FREE HOT WATER

85% Efficiency

Burns Clean, Zero Smoke

This unique wet base design passes the hot combustion gases three times through the boiler under negative pressure. This maximizes the gases contact with the boiler's water surface area.



STACKABLE

When utilizing the optional equipment, our boilers can provide hot water for...

- De-Icing Parking lots and driveways
- Indoor Floor Radiant Heat
- Domestic Hot Water
- Car and Truck Washes
- Hot Water Space Heaters

Easy to Maintain

Swing out door and rear cleanout ports allow money saving serviceability.

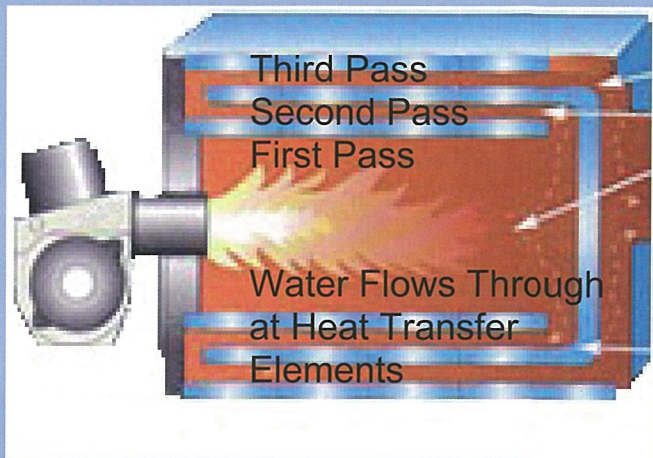
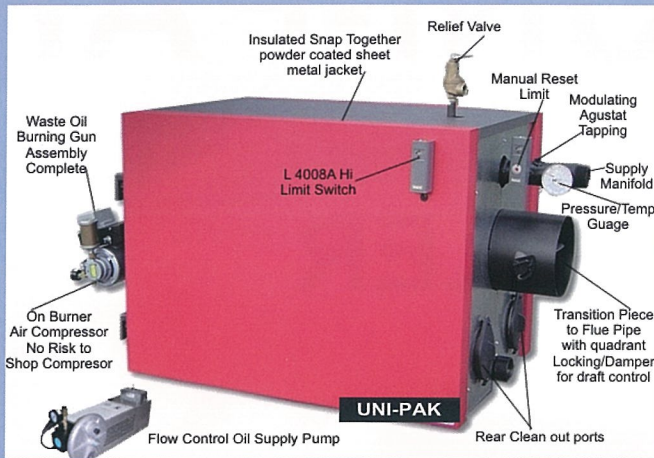
A clean boiler is a more efficient boiler.

BURNS:

CRANK CASE & GEAR OILS, TRANSMISSION & HYDRAULIC FLUIDS, ALL PETROLEUM PRODUCTS ANY WEIGHT UP TO SAE 90W & COOKING OILS AS WELL AS FUEL OILS

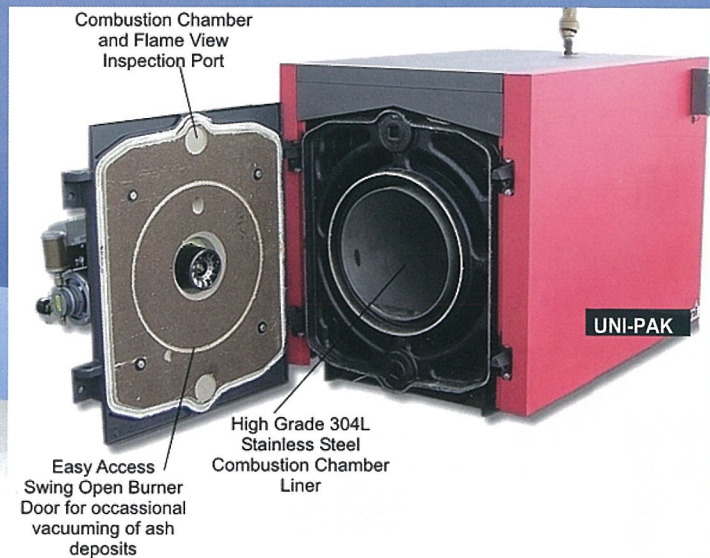
MEETS EPA REGULATIONS

SPECIFICATIONS:



<u>Models</u>	<u>AWB-9</u>	<u>AWB-15</u>	<u>AWB-25</u>	<u>AWB-35</u>	<u>AWB-50</u>
Input Capacity BTU	90,000	150,000	250,000	350,000	500,000
Output Capacity BTU	76,500	127,500	212,500	297,500	425,000
Net Rating Water BTU	66,500	110,800	184,700	258,600	369,500
Burner GPH	.60	1.00	1.70	2.4	3.30
Flue Diameter, In.	7	7	7	10	10
Shipping Weight, lbs.	527	716	980	2,080	2,280
Width, In.	23	33	42	52-5/8	57-5/8
Height, In.	24-5/8	24-5/8	24-5/8	36-1/2	36-1/2
Depth, In.	23-3/4	23-3/4	23-3/4	33-1/4	33-1/4
Water Cap.Gallons	5.5	8.2	10.8	28.5	31.7

WASTE OIL BOILER
FREE HOT WATER



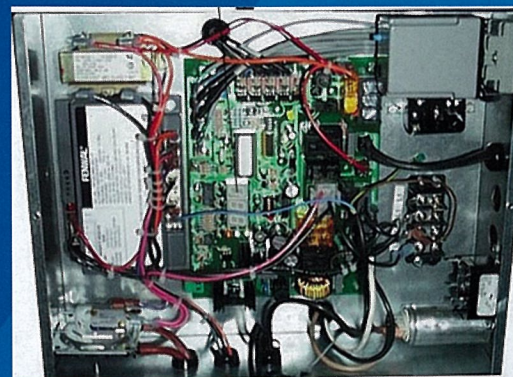
MANUFACTURING COMPANY

9790 Midwest Ave. • Cleveland, Ohio 44125
 (216) 587-6801
 adamsx@att.net



Available from:

Join the conversion trend from conventional cooling systems - to the cost saving and environmentally safe ammonia absorption cooling process. Ammonia absorption has been a proven design since 1834. Some systems have been in operation more than 35 years without major service. Coupled with our many years of proven and advanced waste oil burning technology, makes this method of cooling a profitable choice for any waste oil generator.



Self Diagnosing Processing Circuit Board

- Simple direct fired technology
- Chilled water allows:
- Easy Installation
- Multiple Zoning Flexibility
- No VAV controls needed
- Multiductable

Model AWC-5
Nominal Capacity 5 (Tons)
Standard Delivered Cooling Capacity 95, BTU/H 60,000
Waste Oil,
BTU/HR input 1 Gal. per hr.
Consumption 150,000

Burning your waste oil on site is encouraged by the EPA, as cited in their ruling 266 of the CFR (Code of Federal Regulation) Millions of gallons of waste oil are unaccounted for every year. Our system is environmentally friendly and reduces contamination of our aquifer. Ultimately, you will save a lot of money with this wise investment. Payback in 12-36 months depending on your cost of oil removal per gallon and existing air conditioning costs.

5 Ton Air Chiller that cools 3000 sq. feet with the UNI-PAK Patented Flame Control System and Ammonia Absorption Chiller Technology. Non Pro-Rated Warranty. International Voltage Available



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UNI-PAK

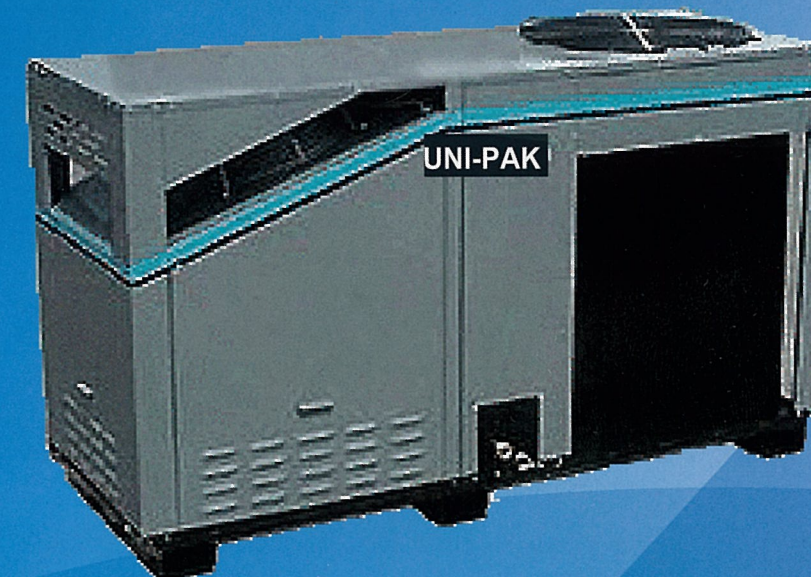
WASTE OIL FIRED AIR CONDITIONER

by **ADAMS**

Innovative Leaders of Waste Oil Burning Technology

ELIMINATES HIGH COST OF AIR CONDITIONING

PAY BACK 2-3 YEARS AVERAGE
 THEREAFTER A/C COSTS ARE
50-75% LESS FOREVER



BURNS:

Crank Case & Gear Oils, Transmission & Hydraulic Fluids, All Petroleum Products, Any Weight Combination up to SAE 90W & Cooking Oils, Synthetics As Well Fuel Oils.

Eliminates Handling & Storage Liabilities

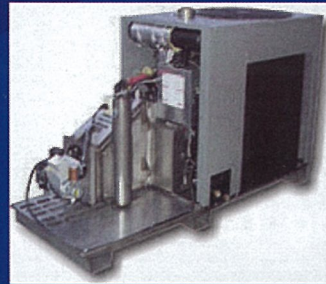
Eliminates Disposal Costs





UNI-PAK

WASTE OIL CHILLER



HIGH GRADE STAINLESS STEEL & GALVANNEAL CABINETS



Patented, Waste Oil Direct Fired Absorption Air Conditioner Design.

We successfully adapted our waste oil burner technology to the time tested and proven gas fired air conditioner design. It's performance exceeded our engineers' expectations!

BUILT-IN COMPRESSOR UNI-PAK

Includes a built-in vane oil-less compressor as standard equipment. Our compressor requires no maintenance and allows the unit to operate 24 hours/day without an external air supply.

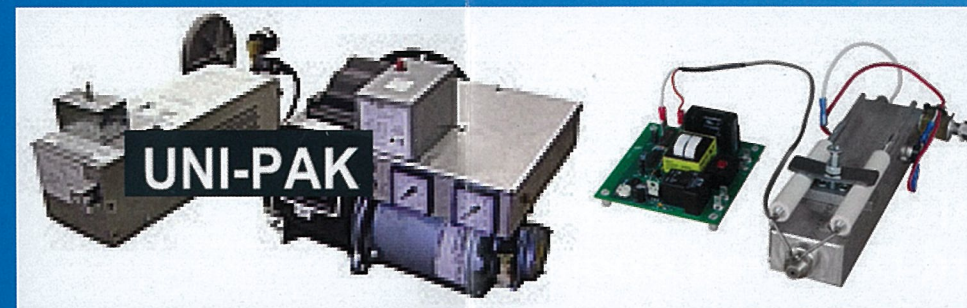
EFFICIENT AMMONIA ABSORPTION CHILLER Technology

Using your waste oil as a heat source, you can use this chiller in many applications. It can be used for air conditioning, cooling machinery, refrigeration and more.



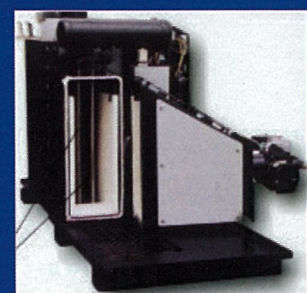
EASY ACCESS

Lift out 3 large cabinet doors and removal of 2 securing nuts on swing out combustion chamber is all that is needed to allow easy access for occasional cleaning and service, when needed.



UNI-PAK FLAME CONTROL SYSTEM

is a patented system that consists of an Oil Flow Supply Pump and a Non-Carboning Oil Preheater that controls the fuel by volume. No Adjustments needed for various viscosities.



DUAL PURPOSE

Air Blast Self Cleaning and Backup Gas or Propane Firing Manifold

All Inclusive Standard Equipment for Easy Installation

- Chilled water type A-Coil air handler/exchanger
- Built-in 3-speed 3/4 hp direct drive squirrel cage blower
- Direct drive motor and insulated cabinet
- Standard Water Circulator Pump (Suitable in 80% of installation applications (May need larger pump depending on application, at an additional cost))
- Room Thermostat
- Thermal P/T wells (pressure/temperature)
- Unit can be mounted horizontal or vertical
- Easily adapts to existing duct work or new construction
- Chilled Water in/out piping hookups (Depending on mounting direction)
- Water in/out regulators
- Water in/out pressure gauges
- Air Purge Vent (at highest point of water piping)