



# KRAISSL QUARTERLY

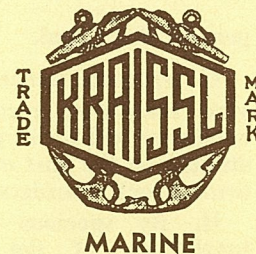
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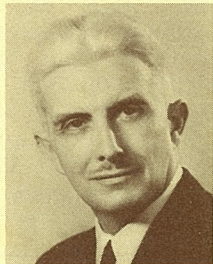
## CONSPIRACY TO DEGENERATE THIS COUNTRY

FREDERICK KRAISSL, JR., M. PHIL., P.E.

Chairman

The Kraissl Company, Inc.

Those of us whose experience almost embraces more than one generation can make observations that can be valid comparisons in terms of the effect on the characters of the people, of how various events affect them.



CONSULTING  
ENGINEER

KRAISSL ASSOCIATES  
An administration or government, if you wish, that exists, by permission of those governed should be responsive to those who delegate this authority and privilege. This is the vast difference between an authoritarian government and a representative government.

Human beings cannot stand too much power and there is a tendency for entrenched bureaucracies to forget that they are agents of the people and convince themselves that they are their bosses or mentors. This is why an at least two-party political system is mandatory to preclude entrenched power, and why it is also mandatory to not permit one party to dominate for too long. If people would forget fostered party affiliations and merely regard them as vehicles for obtaining the type government nearest to their aspirations, entrenched power would be minimized. The only individuals benefiting from so called party loyalty are the office holders. Those of us who support them through taxes and perhaps party contributions would do better if we regarded them as our employees to be replaced if they become inefficient.

So far we are considering matters from a strict job holding aspect without regard to possibly more insidious implications. We have opponents to our free enterprise system and one large nation has gone on record that their motive is to "bury us." There are also the Communist Rules for Revolution which can now be documented

if one doubts their authenticity. Each rule stands on its own feet for evaluation as to how its proponents have subverted our United States' way of life. We will reprint the Communist Rules for Revolution as we have done before at the end of this article. The fact that the motivation is known, in no way minimizes the danger as it should be remembered that Hitler published "Mein Kampf" in advance of his near accomplishment.

However the purpose of this discussion is to consider a possible conspiracy to degenerate the country. It will be noted that Rule A states "Corrupt the Youth, get them interested in sex. Make them superficial, destroy their ruggedness." Will an unbiased observer agree that purveyors of this approach have made progress? Then let us look at Rule B. "Get control of all means of publicity, thereby getting peoples' minds off their government by focusing their attention on athletics, sexy books and plays and other trivialities." Does this seem to read on what is going on all around us? Rule C — "Divide the people into hostile groups by constantly harping on controversial matters of no importance." Does anyone have to look further than the daily communication media to feel that those who would apply these rules are making progress?

Let's look at Rule D: "Destroy the peoples' faith in their natural leaders by holding them up to contempt and ridicule." Hardly a day goes by that does not provide evidence of this demoralizing effect. I am reminded of Mark Anthony's famous speech after Julius Caesar had been murdered: "The evil that men do lives after them, the good is often interred with their bones; so let it be with Caesar." I suspect that this was said with tongue in cheek, as this does not reconcile with the proper treatment of men who have been of benefit to their country in their role of heroes. We must reverse this approach. Even David who was the author of the Psalms in the Holy Bible could not escape from the record of evil action when he sent Bathsheba's husband into certain death, so that he could make her his queen. This did not preclude his accusation by the prophet or his remorse on contemplation of his action, yet every bible student would consider, in my opinion,

King David as an asset to his people.

What we must do is to stop this nit picking on the part of researchers who try to tear us apart and downgrade men who have made this country what it was and should still be. Without in any way countenancing their foibles, we should and must emphasize their positive contributions. If their negative actions must be chronicled, it should be on the basis that we are dealing with humans who made some mistakes with the possible encouragement that when mistakes are made, if they are recognized, debts are paid and a determination that the deviations from exemplary behavior will not be repeated, that all is not lost and that contributions to our country and possibly our era can still be made.

This is what I like to call emphasizing the positive. It reminds me of a little rhyme:

Lives of great men oft reminds us

As their pages o'er we turn,

That we often leave behind us

Letters that we ought to burn."

The basis for evaluation of the lives of our possible heroes should be whether they were assets or liabilities and I think if this were done, most of them would still be entitled to their places in our regard, eulogies and status both in our hearts and in our public places.

## STILL USING THE SAME RULES

In May of 1919 at Dusseldorf, Germany, the allied forces obtained a copy of some Communist rules for revolution. More than 50 years later, the Reds are still following the rules.

A. Corrupt the youth, get them interested in sex. Make them superficial; destroy their ruggedness.

B. Get control of all means of publicity, thereby getting peoples' minds off their government by focusing their attention on athletics, sexy books and plays and other trivialities.

C. Divide the people into hostile groups by constantly harping on controversial matters of no importance.

D. Destroy the peoples' faith in their natural leaders by holding them up to contempt and ridicule.

E. Always preach true democracy, but seize power as fast and as ruthlessly as possible.

F. By encouraging government extravagance, destroy its credit, produce fear of inflation with rising prices and



general discontent.

**G. Promote unnecessary strikes in vital industries, encourage civil disobedience and foster a lenient and soft attitude on the part of the government toward such disorders.**

**H. By specious argument cause breakdown of the moral virtues, honesty, sobriety, continence, faith in the pledged word.**

**I. Cause the registration of all firearms on some pretext, with a view to confiscating them and leaving the population helpless.**

Please take a good hard look at Rule I. "Cause the registration of all firearms under some pretext, with a view toward confiscating them leaving the population helpless."

## THE AMERICAN EAGLE IS AN ENDANGERED SPECIES

That the American Eagle is endangered in American economic life has been appreciated by some of us for a long period of time and it seems symbolic that this should be true in wild life conservation.

The American Eagle is:

1. Independent and a lover of Liberty.
2. A tough fighter for family and home.
3. Self-reliant.
4. Self-supporting.
5. Will protect its interests.
6. Cannot be accused of appeasement.
7. Does not butt in on the affairs of others as a matter of policy.

When our forefathers selected the Eagle for a symbol of this country, they were amply justified. Our pioneer ancestors were all of these things and more. We believed so strongly in the principle of Liberty as contrasted with Protectionism that we were willing to fight the American Revolution to get rid of centralized domination. We won it under conditions of extreme hardship and sacrifice and we have every right to be proud of the ancestors who accomplished this for us.

Perhaps what we are doing to our Eagles has a counterpart in what we are doing to ourselves. We are poisoning them to extinction. Our super-civilized do gooders who apparently abhor freedom are constantly tampering with Nature usually with no good end result.

Mother Nature seems to have developed a system of checks and balances that worked well until humans fouled up their environment. It has

been said with some justification that man is the only animal that fouls his own nest.

This is not to decry Science or Scientific Achievements. We have reduced the incidence of tetanus, smallpox and myriad other diseases including malaria and yellow fever which was one of the dividends when we built OUR CANAL over the Isthmus of Panama. When we use ourselves as guinea pigs or even selected members of the animal kingdom the matter should be controllable, but when we defile either intentionally or unintentionally, the environment, we set in motion a chain of circumstances that get out of control.

Both Eagles and Humans need to be free to develop their maximum capabilities. Eagles have no choice except to try to live in a polluted atmosphere or fly to where there is no human hazard. Perhaps the reduced number reflects the fact that the more progressive members are travelling to areas where they can still live self-controlled lives.

Perhaps there are enough Conservative Americans to reverse the trend toward collectivism and return the country to the condition where the American Eagle will still be our representative symbol.

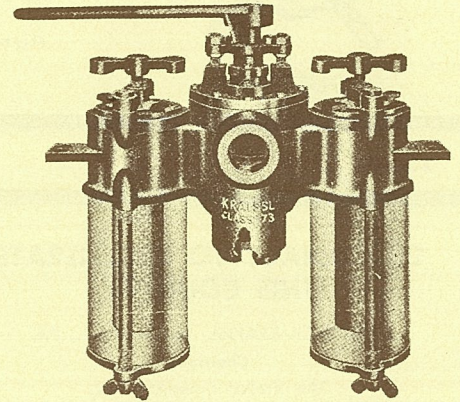
## OUR SILENT REPRESENTATIVE

Our editors are the senior officers of this company and our policy permits each of us to express thoughts which we believe can be contributions to the voice of public opinion in business. It may have been noticed that we have been devoting much of our effort in bringing to the attention of our readers matters that have been worrying us concerning what we consider subversive or unpatriotic activities. If other organizations have similar publications and concur, we invite them to join us in the effort to keep our country free from foreign philosophies and maintain it as the land of Liberty and Freedom. We are supposed to be the world's greatest salesmen. We have a way of life that has produced the highest standard of living for the greatest number of people the world has ever known. We should be able to sell it and probably have judging by the number of people who have escaped or attempted to escape to our shores. Let us keep it that way.

## VACATION NOTICE

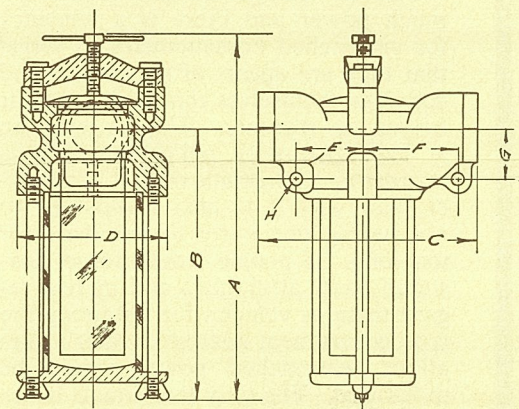
The Vacation Period, while never painless, was found least disturbing last year when arranged for the last week in July and first week of August. We are scheduling complete shut down during this period

## MARINE CUSTOMERS ARE MISSING A GOOD OPPORTUNITY



There is no question that our Class 73 separators with transparent sumps have very important advantages. They have adequate wall strength; good clamping studs and nuts; can be supplied for both exterior and interior flow and are furnished with large internal channels both through the plug and connecting channels. So what could be a block to their popularity? The answer is simple, cost. Many naval architects consider it mandatory to specify bronze construction. At the current cost of bronze, this type of construction becomes non-competitive with such light walled design that we have frequently encountered and questioned whether this is representative of good marine acceptability.

## CLASS 73 SERIES SINGLE SEPARATORS SIZES AND DIMENSIONS



MODEL	NPT	A	B	C	D	E	F	G	H
73-4	1/2	7 3/8	4 3/8	4	3 1/2	1 1/2	2	3/8	9/16
73-6	3/4	9 3/8	5 3/8	5 1/2	3 3/4	1 3/4	2 3/8	1 1/4	1 1/16
73-8	1	9 3/8	6 3/8	5 1/2	3 3/4	1 3/4	2 3/8	1 1/4	1 1/16
73-10	1 1/4	11 3/8	7 3/8	7	5	2	3	1 3/8	7/16
73-12	1 1/2	13 3/8	9 3/8	7	5	2	3	1 3/8	7/16
73-14	2	15 3/8	10 3/8	9 1/4	5 3/8	2 3/8	4 1/4	2 1/4	9/16
73-16	2 1/2	18 3/8	13 3/8	9 1/4	5 3/8	2 3/8	4 1/4	2 1/4	9/16

So is there no answer? Yes there is. There is nothing sacred about light weight brass or bronze construction. An alloy that is composed of copper

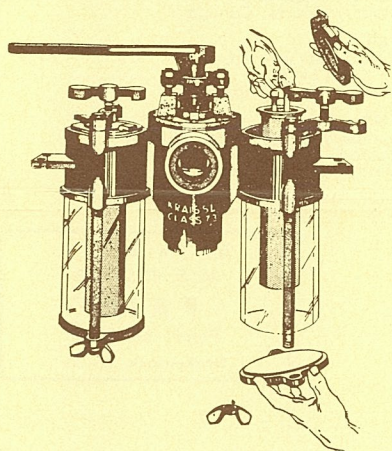


and zinc contains within itself the components of electrolytic destruction. Almost all metals are slightly porous and in the presence of salt water a galvanic cell can be set up. Cooling water strainers are usually connected with iron engine blocks. If this is piped up with metallic conduits, a galvanic electrolytic cell can occur which eats the less noble metal. Then comes the big question which is the most important the less expensive strainer or the engine?

Is there no good answer? Yes there is. There is nothing to preclude our Class 73 separators being manufactured from galvanized iron construction or salt water resisting aluminum. While this is not a comprehensive comparison, it is good for a start. Aluminum is usually priced approximately three times the price of iron. However it is only approximately one third of the weight. So an aluminum cast object from the same pattern from which an iron casting is made should be very close in cost depending on the foundry. We have some experience in this field as we have supplied special aluminum strainers for use with aluminum hulls to minimize electrolysis. There are other possibilities. Strainers can be supplied with galvanized coating of iron construction. Hot dipped galvanizing seems to enter the pores of the iron and greatly retard electrolysis.

#### EASE OF CLEANING

SINGLE AND DUPLEX  
SEPARATOR ELEMENTS  
REMOVABLE FROM TOP FOR CLEANING



TRANSPARENT SUMP  
ACCESSIBLE BY REMOVING TWO WING NUTS

Possibly the term electrolytic inhibitors has been encountered. These are zinc devices that are placed to be cannibalized by electrolytic action saving the metal that would otherwise be subject to unprotected attack. Many sailors of even small motor yachts will be reminded of zinc plates placed on the keel near the propeller to minimize electrolytic corrosion. When these

zinc plates are coated with corrosion crust they need to be shined up to keep doing their job. Painting them over with bottom paint is another way to keep them from being effective.

Our Class 73 construction is a good practical design of reasonable wall thickness of each size. If you would like to consider it at competitive prices with light weight brass or bronze construction, let us be of assistance. We have on our staff chemical engineers with many years of experience that know something about corrosion who would be glad to confer with you. And one final thought while we may have your attention, if shock resistance is important, either with our Class 73 or Class 72 solid body design, ductile iron should not be overlooked. It is less expensive than both bronze or steel.

### KRAISSL AIR PUMPS ON AUTOMATIC SPRINKLER SYSTEMS

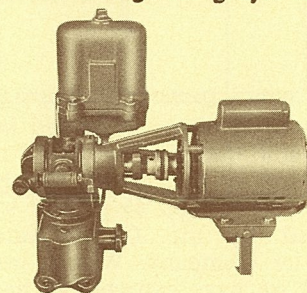
There are many thousand automatic systems throughout the country and we are convinced there should be more. The thing that convinced us was the total destruction of what might be formerly termed a fire proof building at one of the foundries that do our work taking with it our patterns that were on these premises.

The building was of concrete construction with steel girders. Apparently the fire was hot enough to plasticize the steel girders which then collapsed and dumped everything above into this inferno. We are convinced that the best possible defense against such a tragedy is an automatic sprinkler system.

Sprinkler systems are of two types: wet and dry systems. The wet system is the more instantaneous, as when the sprinkler head functions, the water immediately gushes out over the fire. However where there is a possibility of freezing, a dry system is mandatory. Even in small plants, probably part of the plant will call for a dry system and the remainder will be a wet system.

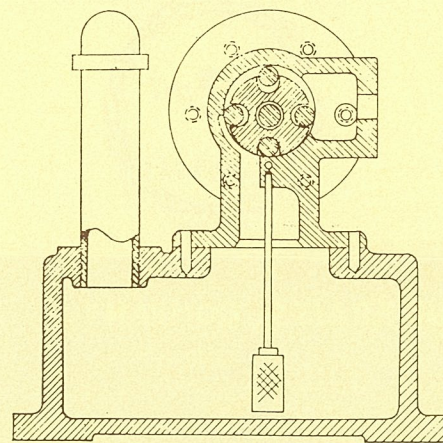
It is with the dry system that Kraissl air pumps can be useful. The air under pressure holds the dry valve closed. The advantage of Kraissl air pumps is that they require no air tanks which is cost saving and have another advantage. Obviously the more instantaneous the release of air, the more quickly water can flow to put out the activating fire. Where air tanks are employed or where the connection is with the plant compressed air supply, this must be exhausted to the point where the dry valve can function. This militates against quick water extinguishing

action. With Kraissl air pumps, compressed air tanks are not needed, due to the fact that our pumps are direct motor connected and supply a practically non-pulsating flow build up to the required pressure in the dry pipe line and then cut out. If they are properly sized, Kraissl air pumps should be of insufficient capacity to build up enough pressure to close the dry valve while any sprinkler head is open. Consequently with Kraissl pressured dry valve systems, the availability of extinguishing water can be available almost as quickly as with the wet part of the extinguishing system.



Both our Class 21 series and 25 series air pumps are force feed lubricated. This produces a continuous oil seal under pressure which resists the passage of the displaced air or other gas back from the discharge side to the suction zone. When this happens, it is lost displacement. The mechanism is just "spinning its wheels."

#### CLASS 21 MECHANISM



#### SIZES AND CAPACITIES

Nominal Free Displacement  
Cubic Feet/Min—1800 RPM

Pump Size	CFM 1800 RPM	Pump Size	CFM 1800 RPM
21-3	1 CFM	21-6A	5
21-5	2 3/4	25-6A	6
25-5	3 1/2	21-6B	6 3/4
21-6	4	25-6B	9
25-6	5	25-9	15*
		25-11	35*

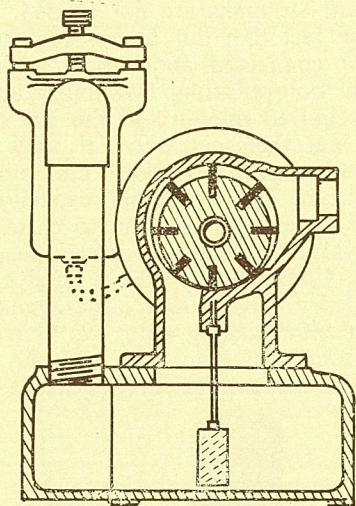
\*Intermittent Service—Slower Speeds or water cooled for continuous duty.

For Data under operating conditions please request performance charts.

Larger sizes shown in other Bulletins or Circulars.



## CLASS 25 MECHANISM



Just to let those interested individuals know that this is not all theory, we were privileged to supply our Kraissl air pumps to several systems installed by the Globe Automatic Sprinkler Company. We do not, nor should we have expected to have the addresses of where these air pumps were installed, but to the best of our memory these were before World War II, and we have every reason to believe that if our units had worn out or needed repair parts we would have been contacted. The longevity of Kraissl air pumps is due to our forced feed system of sealing and lubrication from the built in oil reservoir which is an integral part of the pumps.

Automatic sprinkler companies may find it to their advantage to contact us.



## THE KRAISSL COMPANY

INCORPORATED

HACKENSACK, NEW JERSEY 07601

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OF

KRAISSL  
QUARTERLY

## SALES REPRESENTATION

### HOME OFFICE

We have reserved the areas of Connecticut, Metropolitan New York, including the Hudson Valley, Long Island, New Jersey and eastern Pennsylvania less Philadelphia District for coverage by Kraissl Company personnel.

### Northeast Region

Boston-Cooper Corp.  
Manor Parkway  
Salem Ind. Pkwy., Salem, N. H. 03079

Capt. C. V. Watson  
Maiden Cove Lane  
Cape Elizabeth, Maine 04107

### Eastern Region

Filtration Unlimited  
Buffalo & John Streets  
Akron, N. Y. 14001

R. C. White Co.  
3065 Enterprise Blvd.  
Bethel Park, Pa. 15102

Gelman Industrial Equipment  
1327 Barton Drive  
Fort Washington, Pa. 19034

Jobe & Co., Inc.  
1857 Greenmount Ave.  
Baltimore, Md. 21218

### Southeast Region

Power Equipment Co.  
1307 West Main St.  
Richmond, Va. 23201  
Dillon Supply Company — Main Office  
Raleigh, N. C. 27602

Dillon Supply Company  
Durham, No. Carolina 27702

Dillon Supply Company  
Rocky Mt., No. Carolina 27801

Dillon Supply Company  
Goldsboro, No. Carolina 27530

Dillon Supply Company  
Charlotte, No. Carolina 28201

Boiler Supply Company, Inc.  
490 Craighead Street  
Nashville, Tenn. 37204

601 Van St., N. W.  
Knoxville, Tenn. 37921

Applied Engineering Co., Inc.  
P. O. Box 506, Orangeburg, S. C. 29115

Spotswood Parker & Co.  
721 Miami Cir. NE, Atlanta, Ga. 30324

Florida Filters, Inc.  
5570 N. E. 4th Ave., Miami, Fla. 33137

Procter & Co.  
Box 26158  
Birmingham, Ala. 35226

### North Central Region

Comb & Groves, Inc.  
336 W. Eight Mile Rd.  
Ferndale, Mich. 48220

Hetler Equipment Co.  
P. O. Box 1904  
Grand Rapids, Mich. 49501

### Central Region

M. Huffman Sales Co.  
3404 Upton Ave.  
Toledo, Ohio 43613

W. G. Taylor Co.  
1900 Euclid Bldg., Cleveland, Ohio 44115

The Jordan Engineering Co.  
P. O. Box 30071  
Cincinnati, Ohio 45230

T. A. Heidenreich Co., Inc.  
2525 E. 54th Street  
Indianapolis, Ind. 46220

Tobra Engineering Co.  
5438 Milwaukee Ave.  
Chicago, Illinois 60630

A. K. Howell Co.  
2683 S. Big Bend Blvd.  
St. Louis, Mo. 63143

### South Central Region

Creole Engineering Co.  
P. O. Box 23159, Harahan, La. 70183

Jack Tyler Engineering Co.  
6112 Patterson Ave.  
Little Rock, Ark. 72209

Albert Sterling & Assoc., Inc.  
P. O. Box 66099, Houston, Texas 77006

### Northwest Region

Baxter-Rutherford Inc.  
P. O. Box 24324 Terminal Annex  
Seattle, Washington 98134

### Western Region

Jav Besore & Assoc.  
1690 Plymouth St.  
Mountain View, Cal. 94043

Power Engineering Co.  
364 W. North 600th St.  
Salt Lake City, Utah 84110

Killam Gas Burner Co.  
1240 S. Bannock St.  
Denver, Colorado 80223

### Southwest Region

Wagner Hydraulic Equip. Co.  
2089 Westwood Blvd.  
Los Angeles, California 90025

Engineered Sales Co.  
5150 N. 16th St., Suite A-126  
Phoenix, Arizona 85016

### Canada—Ontario and Quebec Provinces

Kirk Equipment Ltd.  
375 Victoria Ave.  
Montreal, Quebec, Canada H3Z 2N1

P. O. Box 508  
Knowlton, Quebec, Canada  
K. C. Hamilton Equip. Ltd. — Marine

### Canada—British Columbia Province

Les Hall Filter Service Ltd.  
346 E. Esplanade  
North Vancouver, B. C. V7L 1A4

### Canada—Alberta Province

H. F. Clarke Limited  
5220-1A Street S. E.  
Calgary, Alberta, Canada

### Hawaii

Foster Equipment Co.  
719 Ahua St.  
Honolulu, Hawaii 96803

### Mexico

Ingenieria Termo Industrial, S. A.  
Apartado 20-360  
Mexico 20, D. F., Mexico

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