CENTURIES
OF
PROGRESS
FOREWORD

- The pen that writes the story of civilization's progress is dipped in water.
- Water filtered from the Nile wrote the beginning of Egyptian culture. Water that flowed through great aqueducts chronicled the glory that was Rome.
- The enduring history of the world has been written in water.
- Water today tells of modern comfort and health... water hot, cold, soft, pouring from jewel-like fittings in bathroom, kitchen and laundry. It is the medium which makes cleanliness, sanitation, and heating available to all.
- Water brings heat and humidity in the winter. It makes household tasks lighter in summer. It is a part of daily modern life and the instruments of its use have made each American family richer than royalty of old.

CRANE

Pliny, the historian, says that for six hundred years Rome used no medicine but her baths. These public Thermae, the largest of which covered a square mile of ground, included perspiring rooms, dressing rooms, swimming pools, athletic fields, lecture halls, rooms for rest, refreshment and conversation. A real Roman cleansing had three divisions: a sweat, a scrape, and a shower followed by a rubdown and a rest. The Diocletian could accommodate thirty-two hundred bathers. But the Caracalla, finest of all Roman baths, accommodated only half as many. Roman ruins have yielded, within recent years, perfect specimens of lead piping, well moulded and carefully shaped by hand... intact after 3,000 years of disuse! From these careful artisans we derive our present word of plumber—the Latin name being "artifex plumbaris," which is to say, "worker in lead." But bathing became a lost art with the collapse of the Empire and the aqueducts along Via Appia crumbled into picturesque ruins.
WHEN QUEEN VICTORIA BATHED

When royalty made a ceremony of cleaning the body, bathing began a comeback. In the year 1399 Henry the Fourth of England created the Knights of the Bath, a new military order, whose principal ceremony took place in a bathing chamber hung inside and out with snowy linen. But eager as were the warriors for knighthood, bathing did not flourish as a custom outside of ritual. Plagues scoured the cities of Europe with their open sewers. London had no drainage system; the citoyens of Paris had to do with a single quart of water a day. But royalty had put them on the right track. The year 1843 saw H. R. H. Queen Victoria a visitor to Drayton Manor. For the pleasure of the 24 year old royal visitor the master of Drayton Manor had “the Royal bath of white marble hewn from a solid block by Italian workmen... it is accepted that this Royal Bathroom was then an innovation in English domestic life”... perhaps, too, it was a tribute to the bravery of a Queen...

Today the bath has been made, with deliberate intent, a livable part of the home... it has evolved from the nook under the stairs... emerged from the chrysalis of the casual closet space which had been allotted it. Modern fixtures in this typical Crane room show smart styling at its best... with nothing of the freakish or impermanent in the design. Highlights gleam on the smoothly modeled planes of the spacious Marshall bath... on the sleek lines of the Carwith vitreous china lavatory with its extra large bowl and convenient towel bars which curve out from the chromium legs. Notice, too, the handy shelf-top of the Monada one-piece closet where accessories to the modern bathroom may be handily placed. The hand bars and hand rail alongside the bath make for greater safety for those entering or leaving the tub. There is more than a hint of Roman luxury in this grouping of Crane bath fixtures for your home... certainly a splendor that is yours with little capital outlay!
WHEN BEN FRANKLIN BATHED...

Wooden tubs and troughs served our Puritan ancestors when they wished to consummate the weekly bath, the water being preheated in pots and pans. Settlers from European countries brought with them such luxurious habits as frequent bathing and it is supposed that the Virginia colonies were among the first to evolve lead lined wooden tubs to be used solely for bathing purposes. Benjamin Franklin up in Pennsylvania had recently invented the Franklin stove, forerunner of all iron jacketed stoves up to the present, and now in an inventive frame of mind he gave his attention to creating a strange affair called the Franklin bath. Hammered out of copper, this clumsy tub looked like nothing so much as Mother Hubbard's original shoe. It was fired, excitingly enough, directly under the bather's seat and it may be that this hazard spelled early doom for the Franklin shoe bath. However, people were trying hard to build a bathtub, and they deserve credit for their crude attempts.

Now that we have learned that good health . . . and therefore comfort . . . centers in the daily bath and that cleanliness is not, as Josiah Wedgewood remarked to John Wesley, "next to impossible" . . . we have learned to make our bathroom a part of our home, at the same time creating an ensemble in keeping with an interior decorative treatment. The furnishings of a home can boast no finer expression of taste than this Corset bath with its modern receding planes, its roomy, comfortable tub. Even the Corset lavatory is unusual in its convenient shelf back. It has gleaming chromium fittings set at an angle, a novel feature which takes the fittings out of the way and allows more room in the bowl itself. Chromium towel bars are attached to the attractive chromium legs. The Santoria closet has the new shelf top tank which lends convenient storage space for bathroom accessories. Shower, hand grip and hand rail accompany this distinctive tub. Here is exactly the bathroom with which to modernize your home.
WHEN
NAPOLEON
BATHED...

Napoleon had come up from the Island of Corsica, whipped Europe into submission, and now with dreams of empire he dreamed of a bath built all for himself. So Napoleon created for his private apartments this beautiful Empire bath with its recessed and covered tub. Its ornate wall decorations were by the painter-decorator Godard, famed for his work at Hotel BOURIENNE, The Chateau de Villiers, and the Hotel Talleyrand. The medallions were executed by Vasserot. But Napoleon was an Emperor and the common folks still lacked a bath. A score of years passed before Lord John Russell startled London in 1830 by taking the first bath a day! And it was not until 1830 that Vice President Millard Fillmore ordered a bath tub installed in the White House, where it served presidential families for thirty-five years. Chicago was the first city to have a modern sewerage system in 1835. And it is only a hundred years since the first pumping station in this country started to deliver water so that everyone could bathe!

Your impression of Crane fixtures may be that they are quality bathroom fixtures which make one feel as though he were living in great luxury. This is true... yet Crane prices are no higher than for equipment of comparable size, style and quality. The distinct impression Crane fixtures lend the home is one of luxury and enduring quality. If you can afford a bathroom you can afford to make it a Crane bathroom, for there are prices within the reach of all. This group is composed of Cortwright bath and a lavatory of pedestal design, with gleaming chromium fittings, hand rails and shower fixtures. The Macdonia closet with shelf top tank completes the ensemble of this low-priced group. Here is a bathroom whose luxurious lines will lend new beauty to any home, and whose economy will appeal to the home owner who realizes the sensible economy of specifying quality fixtures and fittings at the start. A finely appointed bathroom is no small feature in the really modern homes.
A SHOWER IS AN American INSTITUTION

Look at the clear-cut, brisk walk of that man who goes to work... he and thousands like him enjoy the exhilarating benefit of a shower bath before and after the working day. This Crane Addenda Shower economically converts an overflow fixture into a shower bath without marring walls. It is only necessary to screw a single bracket to the wall and your present bathroom is equipped with the latest shower! The Refreshing Shower Head is easy to screw on, adjusts readily and can be loosened for cleaning and flushing with a twist of the wrist. It delivers a sharp, clear-cut sparkling stream of water at a 50% saving in water... lends new exhilaration to your daily invigorating shower!

In the year 1860 every first-class hotel in New York had a bath tub... some of the more luxurious ones boasted of two or three! Today one drives through the countryside and finds hotels advertised with "a bath in every room"... some day we may suppose even this will be commonplace fact. America has moved quickly in the adoption of bathing conveniences, both in public buildings and in private homes. Price and quality have been made one... such a bathroom as this one by Crane Co. is a prime example of quality at a fair price within reach of all. The Doris bath, the distinctive Colorado wall lavatory, the Newton closet... all are subjected to the same care in manufacture, the same searching factory inspection as the most elaborate Crane fixtures. This spells saving in repairs and replacement for years to come. Equipment such as this makes the humblest home as rich in living comfort as the most elaborate establishment. It is not necessary to spend a large sum of money to enjoy Crane quality.
ONLY 25 YEARS AGO

Your memory will carry you back to those not-so-distant days when filling the capacious maw of the woodbox was a daily chore. Familiar, too, was the kitchen sink with its boarded recesses, where pots and pans hid in semi-darkness and where leaky plumbing seemed as inevitable as persistent stoppage of all drainage from the sink. But methods of manufacture likewise were crude... practically all sinks were made of cast iron and coated with vitreous enamel applied to the metal. Sinks were first wet with chemicals, various compounds of glass and coloring oxides allowed to dry into a powder. The sink, when placed in a furnace and heated, developed a surface quite similar to the white enameled bath tub of today, though not so uniform in thickness or coating of enamel. These first sinks graced the kitchens of the early 'eighties... due to their cast iron base many of them have survived down into the early part of this century. Modern kitchen equipment has made these old-fashioned sinks seem antiquated.

What housewife but would rejoice in the convenience of this modern Corwith enameled sink? It boasts a recessed space for fittings, conveniently out of the way to eliminate dish or glass breakage. A swinging spout reaches the sink at convenient points, and a spray attachment nestles snugly beneath the spout. A lever operates waste and overflow, makes the deep basin available for dish washing. A convenient four-inch shelf is formed by a recess at the top of the sink itself. Two drainboards offer large storage and drainage space for step-saving routine in the planning and managing of food preparation, service and final disposal. These Crane kitchen sinks are available in beautiful white porcelain enameled cast iron fixtures that do not dent, tarnish or corrode. The cast iron provides a natural base for several individually applied coats of enameling and may be finished in any one of many new soft and alluring tints. All plumbing parts of your present-day kitchen can be equipped from one reliable source with Crane fixtures.
The science of heating originated, strangely enough, in countries of temperate climate. Both Greece and Rome made use of charcoal, brought to a glow and carried to individual rooms in ingeniously designed braziers which, while artistic in design, left much to be desired in the matter of warmth. Through the Middle Ages and on down into our own Civil War period, the fireplace played an important part in home heating. Benjamin Franklin, out of curiosity and sheer inventive genius, devised the Franklin Stove. It was made to fit into the fireplace... and it was not until years later that it outgrew this adaptation, moved out into the room, and became a full-fledged 'sheet iron stove.' "Central heating," or heating brought to a local point and distributed by means of hot air ducts, steam pipes or radiators, is still a much advertised household advantage in European countries. But in America, where progress is rapid and where old methods are quickly discarded, very few small homes but enjoy local or centralized heating advantages. This is due in no small part to the growth of such manufacturers as Crane Co. who have brought a complete range of quality heating equipment within the reach of even the most modest home owner. There are Crane heating plants to fit every type of home and every home owner's ideas as to the type of fuel he wishes to burn for most economy and for greatest heating satisfaction. Some homes demand certain types of heating plants for most efficient operation, depending both upon the size of rooms, heating areas, and the condition of walls, floors and windows. But whatever heating system you select you will find one particularly adapted to your own individual home layout. Your nearest Crane dealer will be pleased to help you.

Basements have enjoyed a sudden elevation into the living arrangements of most modern homes. Instead of dingy and unattractive quarters, ill-lighted and used mostly for fuel storage in winter and as a substitute cold storage place in summer, we now find a warm, clean, well lighted and well ventilated room in which the family lives much as in the rooms above ground level. This "extra room" is possible because such heating equipment as Crane Co. has developed permits cleanliness in fuel storage, allows the heating unit to be made into a furniture piece without any loss of heating efficiency. Crane Co. presents a complete line of oil burning boilers, specially designed for oil heat, as well as coal or gas burning boilers whose efficiency and construction should make them your first choice for assured heating economy for years to come. You will find your complete line of heating fixtures, fittings, burners and controls all in the Crane line and all of equally high standards of quality.
"SUSTAINED HEAT" A NEW PRINCIPLE

The new type of oil burner and boiler unit which Crane has placed on the market makes use of an advanced principle in boiler design . . . to trap all the heat possible, this new boiler forces flue gases, which normally escape into the stack, downward between two water-jacketed flues to extract all available heat. When the burner shuts off, heated gases rise . . . but there is no way for them to escape a Crane boiler except by heating the water as they cool and drop to the flue opening. This "sustained heat" principle leads to more even heat . . . less temperature variation.

Crane D's Series Boiler comes completely jacketed, the boiler finished in two-tone green with gleaming chromium fittings, and completely insulated against heat loss by a thick asbestos lining. These Crane boilers are easily and economically installed by your Crane heating contractor.

BOILER DESIGN ENDS HEATING WASTE

When you select a boiler to heat your home, choose modern equipment designed to save fuel and give you the most for your heating dollars. Remember always that replacement is more costly than installing a quality boiler in the first place. Crane master-heaters are unusually economical of fuel because the boilers force the heat through flues . . . back and forth . . . until every available bit of heat is transmitted to the water. Speeded water flow keeps water bubbles on the move . . . scrubs them away from walls where they insulate and waste heat. Large clean-out doors and ingeniously arranged flues keep boiler passages clean and the basement easy to maintain. All boilers are heavily jacketed and insulated with thick asbestos which in turn prevents heat loss in the basement. Crane further protects your heating investment and your heating dollar by a complete line of concealed and regular radiation. Crane Radiator Shields, at an economical price, will convert any Crane radiator into a more efficient heat dispenser.
Every family that lives beyond city water mains keenly appreciates the luxury of running water. The tedious and laborious job of pumping water ... the annoyance of filling buckets and pails and tanks ... all makes some sort of a pumping system eminently desirable. Crane Shallow and Deep Well Pumping Systems have placed this luxury within the reach of all. They provide plenty of water automatically under pressure for washing, bathing, shaving and —if you live in the country—for livestock which needs plenty of water all day long. Crane Shallow Well Systems are complete with storage tank. Crane Deep Well Systems will draw water from 300-foot depths and may be equipped with easy starting, air cooled, powerful gasoline engines ... whatever your need for running water under pressure, Crane can supply you with the most economical system.

The simmering teakettle at the back of the stove was a sign of hospitality in the old days ... today the guest finds a full, generous flow of hot water at the faucet in his bathroom. No home need be content with a scanty supply of hot water when an economical Crane Gas Water Heater will keep piping hot water ready at the turn of a faucet ... all you want of it ... whenever you want it ... twenty-four hours a day. Steaming hot water helps in dishwashing, makes light work in the laundry, encourages children to keep clean. And the Crane Gas Water Heater is more economical of gas bills than you could be. The instant the water reaches the exact degree determined it shuts off. It turns on again the split-second it is needed. Its operation is thoroughly thrifty because it is fully automatic, fully insulated. There are styles, sizes and prices for every home.
Everyone who deals with Crane Co. experiences a certain deep satisfaction. He knows he has purchased as fine equipment as may be had at any price... yet he has had to pay no premium for this quality. Another reason lies in the extent of Crane service... in the friendly spirit of cooperation which all Crane branches and distributors express toward the owner of Crane equipment. Crane offers the buyer of both domestic and industrial equipment a complete line... an admitted advantage for those who prefer one reliable source of supply. This confidence on the part of the home owner is appreciated on our part. You may come to Crane Co. for counsel, for advice on any phase of plumbing and heating. Our obligation is not to you alone but to a 79-year old reputation for quality... this likewise is your assurance of satisfaction when you purchase from Crane Co. We maintain 160 sales and exhibit rooms... your Crane plumbing or heating contractor will be always at your service.

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