

Canada Foundry Company Limited

HEAD OFFICE TORONTO, ONT.

WATERWORKS DEPARTMENT.

BULLETIN No. 30.

SUPERSEDING No. 7.

GATE VALVES AND FIRE HYDRANTS.

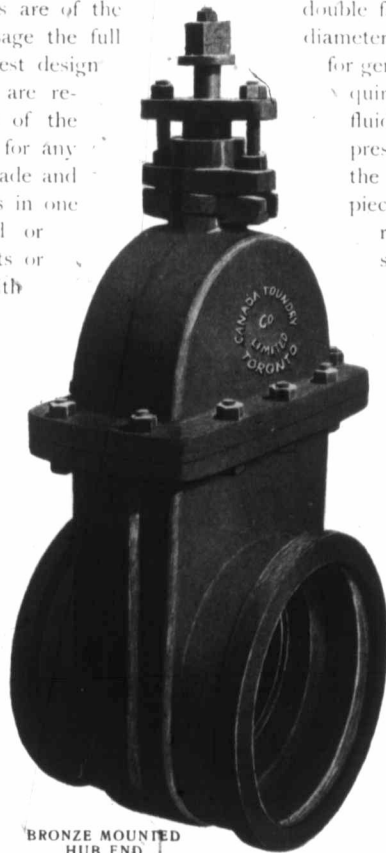
Our standard valves are of the having a straightway passage the full is the simplest and strongest design number of working parts are re- is offered to the passage of the sizes from 2 inch upward for any used are of the highest grade and

The gate or plug is in one tapering, heavily braced or between two inclined seats or ensure perfect alignment with plug is guided by ribs or engage with grooves in the vent it from turning, com- seats, or chattering when ribs are of unequal width being inserted wrongly or otherwise. The plug is end of the valves may be desired. The shell is body and the cap, put with bolted flange joint. may have flange, screw, tions, or any combina- ends are recessed to bottoming, and Amer- threads are used unless

With reference to are of two kinds, viz., spindle, and *outside screw*

In the inside screw but does not rise, being collar. The plug rises and falls on the spindle, its upper portion being threaded to form a nut for the screw on the lower end of the spindle.

The thrust collar is held between two immovable metal faces, thus avoiding any tendency to cramp the spindle in the stuffing box. The operating screw of these valves is entirely inside the valve body and cap.



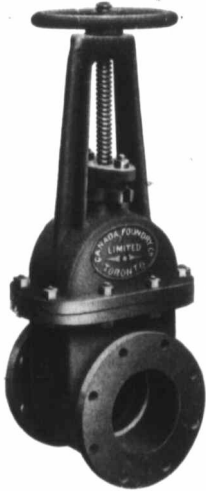
BRONZE MOUNTED
HUB END
GATE VALVE.

double faced solid wedge plug type, diameter of the connecting pipe, which for general purposes. The smallest required and the least resistance fluid. They are made in all pressure desired. The materials the workmanship is unsurpassed, piece, made wedge-shaped or ribbed, and closes vertically surfaces in the body. To

the spindle or stem, the splines in the body which edges of the plug to pre- ing in contact with the opening or closing. These to prevent the plug from after removal for repairs double faced and either used for inlet or outlet as made in two pieces, the together with screw or The ends of the valves hub, or spigot connec- tion of these. Screw prevent the pipe from ican standard pipe otherwise ordered.

the main spindle, valves *inside screw* or stationary *and yoke* and rising spindle. valves the spindle revolves held vertically by a thrust

30-2 Gate Valves and Fire Hydrants.



FLANGED END OUTSIDE
SCREW AND YOKE
GATE VALVE.

In the outside screw and yoke valves the upper end of the spindle is threaded, and the spindle is operated by a revolving nut held vertically in the yoke and turned by the handwheel which is fastened to it. The spindle rises without revolving, and the plug, being fastened to the lower end, rises with it. The operating screw of these valves is entirely outside the body, where it can be inspected and oiled. The wheel is stationary vertically, and the rising spindle forms an indicator requiring no intermediate mechanism, as the projection of the spindle through the yoke nut shows the number of inches the plug has risen.

In both inside and outside screw valves sufficient play is allowed in the connection between the spindle and plug to allow the plug to seat truly without cramping the spindle.

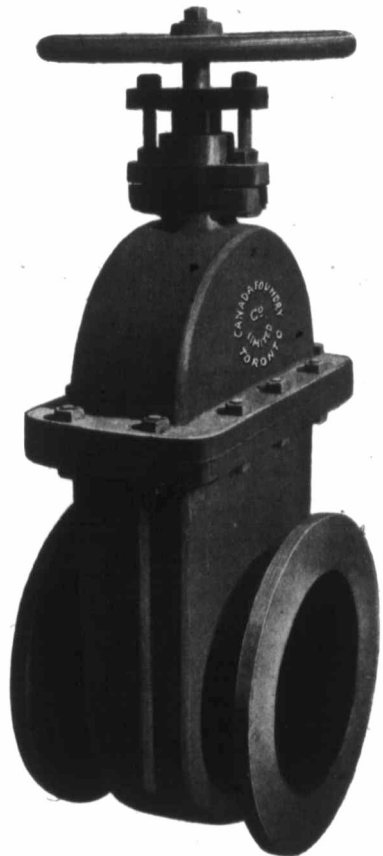
All outside screw valves with bronze seats have our improved self-packing feature, which permits the stuffing box to be repacked when the valve is open and under pressure. The seats of our water valves are made of bronze and are dovetailed into the body at right angles to the taper faces of the plug, making a perfectly tight joint.

The faces of the plug are formed of bronze, dovetailed into grooves in the plug itself, and the faces are accurately finished by special machinery to the exact taper of the seats. The spindles are of specially tough bronze of large diameter, and are made true to size with most approved form of thread. The stuffing boxes are large and deep, and are of the screw packing nut, or of the driving gland and bolt follower types as adapted to different sizes of valves.

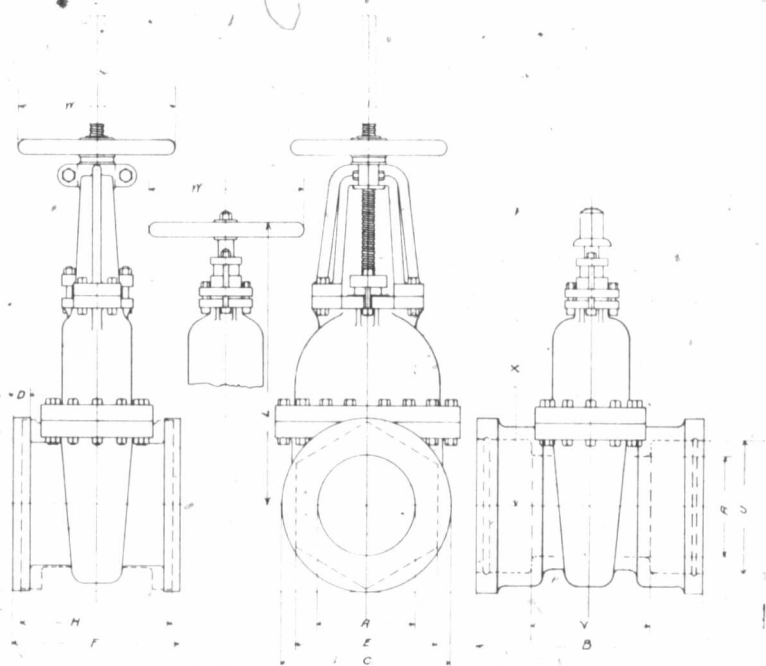
Any of our valves can be furnished with handwheel or nut, or with gearing, as desired. Unless otherwise ordered all water valves, both plain and geared, and all hydrants will turn to the *left* to open. For use in filling long lines of pipe, or in equalizing the pressure on both sides of a valve before opening, we equip the larger sizes with a by-pass of proper size which engages with the body on each side of the plug. The by-pass has inside or outside screw to match the main valve. All valves are tested, both open and closed, under a pressure sufficient to insure their tightness under all working conditions.

When ordering it is necessary that the following information be given: Size; whether screwed, flanged, hub or spigot ends; if to turn to the right to open, otherwise they will open to left; pounds per square inch pressure or head under which the valves are to work. Unless otherwise ordered all hub and spigot valves will have nut on spindle, for wrench. All others will have handwheel.

When flanged end valves with the flanges drilled, are required, if not drilled to our standard (page 7), give diameter of bolt circle, size and number of holes, and state whether stem (or centre) line passes through top bolt hole or between two top bolt holes.



BRONZE MOUNTED, FLANGED END GATE
VALVE, WITH HANDWHEEL.



DIMENSIONS OF IRON BODY, BRONZE MOUNTED, DOUBLE GATE VALVES.

TESTED TO 300 LBS. PRESSURE PER SQUARE INCH.

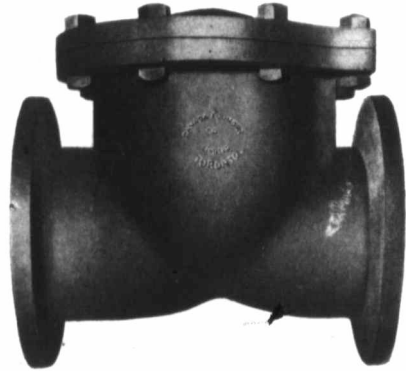
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	
A—Size of valve in ins.	2	2½	3	3½	4	4½	5	6	7	8	10	12	14	16	18	20	24
B—Face to face of hubs	...	...	11	...	10½	...	11¾	14	...	14¼	14¼	15¼	...	15½	18	19¼	22½
C—Diam. of flanges	6	7	7½	8½	9	9¼	10	11	12½	13½	16	19	21	23½	25	27½	32
D—Thickness of flanges	5/8	1	1	1	1	1¼	1¼	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
E—Size of hex. screwed ends	3	4½	5	5½	6	6¾	7½	8¼	10½	11½	13½	...	...	...	...	...	...
F—Face to face of flanged ends	5½	6½	7½	8	8½	10	10¼	10¾	11½	11½	13¼	14½	15½	16	17	17½	...
H—Face to face of screwed ends	6	6½	7½	8½	8¾	9½	9¼	11	11¼	11½	13¼	...	...	...	...	...	...
L—Ht. to hand wheel from centre of port, screwed	8½	10¼	11½	13¼	15½	16	18½	21½	28	31	30	30	30½	42	51	51	...
R—Ht. of hand wheel from centre of O.S.Y. valve	...	14¼	15½	17½	20	...	23½	27½	28	34½	40	44¼	48½	50	6	...	...
S—Height of spindle from centre of O.S.Y. valve when open	...	17½	19	22	25½	...	30	35	30	44	50½	50¼	64	75¼	...	...	...
U—Inside diam. of hubs	...	...	4½	...	5½	...	5½	7¼	...	9¼	12	14½	16¼	18½	21¼	22½	27¼
V—End to end of pipe	...	...	4¼	...	4½	...	5½	7	...	7	7¼	8½	8¼	9	9	11	13½
W—Diam. of wheel	4½	5	6	6½	8½	8½	10	11	12	13½	15¼	17½	17½	20	22	24	24
X—Ht. of hub end valve from centre of port to top of nut	...	...	12	13½	16½	16½	19½	22½	24	25½	32	36½	37	42	49	51	59

FOR BOLT CIRCLE, ETC., SEE TABLE ON PAGE 7.

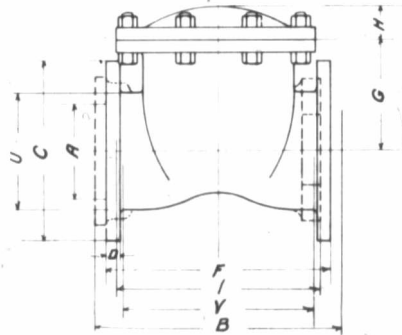
30-4 Gate Valves and Fire Hydrants.

HORIZONTAL SWING CHECK VALVES.

These valves are made with iron bodies, bronze mounted, and are heavy, substantial and first-class in every way. Ready access is given to the gate in all sizes by removing the cover or hand hole plates. Sizes above 10 inches are made with secondary or relief gate in order to lessen the work on the pump when operating at slow speed. In all sizes the gates are faced with leather, or rubber if specially ordered.



FLANGED END HORIZONTAL SWING CHECK VALVE.



DIMENSIONS OF IRON BODY, BRONZE MOUNTED, HORIZONTAL SWING CHECK VALVES.

	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
A—Size of valve	3	3½	4	5	6	7	8	10	12	14	16
B—End to end of hubs	11¼	.....	13½	15½	16	.....	19¼	24	27	28½	36½
C—Diameter of flanges	7½	8½	9	10	11	12½	13½	16	19	21	23½
D—Thickness of flanges	¾	¾	¾	¾	1	¾	1	1	1	1½	1½
E—Face to face of flanges	9	9¼	12	13¾	14¼	16	17½	21½	24½	26	31
G—Centre of valve to bottom of cover	4¾	5½	5¼	5½	7	.....	8¼	10¾	11½	12½	13¼
H—Height of cover of valve	1½	1½	1½	1¾	1¾	.....	2½	2½	3	3½	3½
I—End to end of screwed valves	10¼	10	10½	13	13¾	.....	.....	.....	.....	.....	.....
U—Inside diameter of hubs	4¾	.....	5½	7	7¼	.....	10¼	12	14½	16½	18½
V—Length hub valve between pipe ends	6¼	.....	7½	9¼	10	.....	13½	17	19	21½	29½

FOR BOLT CIRCLE, ETC., SEE TABLE ON PAGE 7.

VERTICAL FOOT VALVES.



VERTICAL FOOT VALVE, 8 INCHES AND SMALLER.

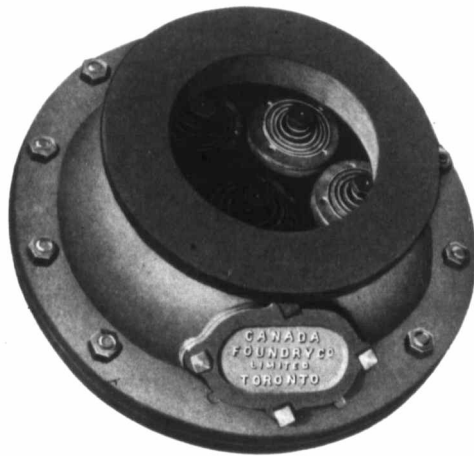
These valves are made with iron bodies, the gates are faced with solid rubber discs, and bearings are of bronze or bushed with bronze. Sizes under ten inches are made with single gate. The stem and stem nut are made of bronze, and the bearings through which stem works are bushed with bronze. All sizes above ten inches are made with a gate plate and a nest of small gates, faced with solid rubber, increasing in number as the size of valve increases.

Flanges will be furnished blank or drilled to standard table as given on page 7.

All sizes are fitted with hand holes with covers, making the gates accessible at any time without breaking the connection.

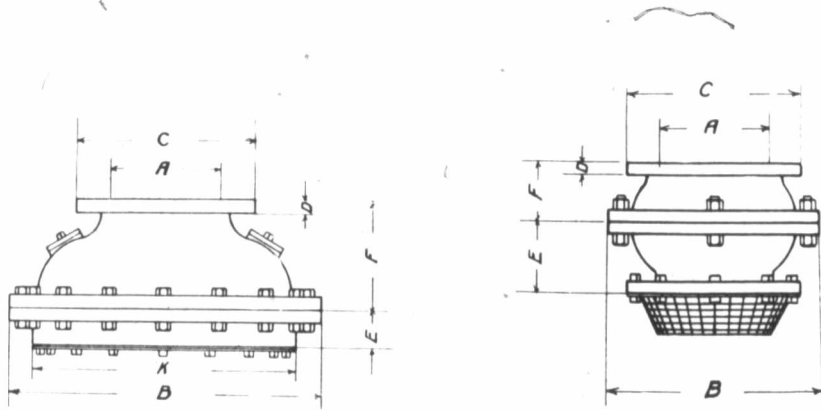
The area of valve openings in all sizes averages from ten to twenty per cent. more than the area of connecting pipe.

All foot valves are fitted with heavy screen.



TOP VIEW OF VERTICAL FOOT VALVE, 10 INCHES AND LARGER, SHOWING NEST OF GATES.

30-6 Gate Valves and Fire Hydrants.



DIMENSIONS OF IRON BODY, BRONZE MOUNTED, FOOT VALVES,
RUBBER FACED GATES, WITH SCREEN.

	In.	In.	In.	In.	In.	In.	In.	In.
A—Size of valve	4	6	8	10	12	14	16	18
B—Diameter over all	11 $\frac{1}{4}$	16 $\frac{1}{4}$	18 $\frac{1}{4}$	23 $\frac{1}{2}$	26 $\frac{1}{2}$	33 $\frac{3}{4}$	35 $\frac{1}{4}$	37
C—Diameter of flanges	9	11	13 $\frac{1}{2}$	16	19	21	23 $\frac{1}{2}$	25
D—Thickness of flanges	1 $\frac{1}{8}$	3 $\frac{1}{4}$	7 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
E—Height of valve plate	4 $\frac{1}{4}$	6 $\frac{1}{4}$	6 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$	4	5	4 $\frac{1}{4}$
F—Height of body casting	4	5	5 $\frac{1}{4}$	7	7	10	12 $\frac{1}{4}$	8 $\frac{1}{4}$
K—Diameter of screen flange	9	12	14	19 $\frac{1}{2}$	23 $\frac{1}{4}$	30	31 $\frac{1}{4}$	33
Shipping weight, in pounds	70	168	206	340	410	725	824	1350

FOR BOLT CIRCLE, ETC., SEE TABLE ON PAGE 7.



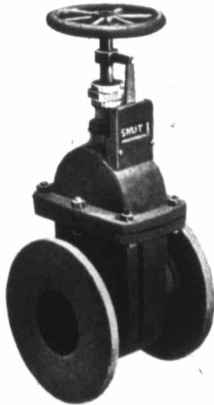
DIMENSIONS OF STANDARD FLANGES.

Adopted by a Committee of the Master Steam and Hot Water Fitters' Association, a Committee of the American Society of Mechanical Engineers, and the Representatives of the leading Valve and Fitting Manufacturers of the United States.

Pipe Size.	Diameter of Flange.	Diameter of Bolt Circle.	Number of Bolts.	Size of Bolts.	Flange Thickness at Hub for Iron Pipe.	Flange Thickness at Edge.	Width of Flange Face.
In.	In.	In.		In.	In.	In.	In.
2	6	4 $\frac{3}{4}$	4	$\frac{5}{8}$ x 2	1	$\frac{5}{8}$	2
2 $\frac{1}{2}$	7	5 $\frac{1}{2}$	4	$\frac{5}{8}$ x 2 $\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{1}{2}$	2 $\frac{1}{4}$
3	7 $\frac{1}{2}$	6	4	$\frac{5}{8}$ x 2 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{3}{4}$	2 $\frac{1}{4}$
3 $\frac{1}{2}$	8 $\frac{1}{2}$	7	4	$\frac{5}{8}$ x 2 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$
4	9	7 $\frac{1}{2}$	4	$\frac{3}{4}$ x 2 $\frac{3}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$
4 $\frac{1}{2}$	9 $\frac{1}{4}$	7 $\frac{3}{4}$	8	$\frac{3}{4}$ x 3	1 $\frac{3}{8}$	1 $\frac{1}{2}$	2 $\frac{3}{8}$
5	10	8 $\frac{1}{2}$	8	$\frac{3}{4}$ x 3	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$
6	11	9 $\frac{1}{2}$	8	$\frac{3}{4}$ x 3	1 $\frac{1}{2}$	1	2 $\frac{1}{2}$
7	12 $\frac{1}{2}$	10 $\frac{1}{4}$	8	$\frac{3}{4}$ x 3 $\frac{1}{4}$	1 $\frac{3}{4}$	1 $\frac{5}{8}$	2 $\frac{3}{4}$
8	13 $\frac{1}{2}$	11 $\frac{1}{4}$	8	$\frac{3}{4}$ x 3 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{5}{8}$	2 $\frac{3}{4}$
10	16	14 $\frac{1}{4}$	12	$\frac{7}{8}$ x 3 $\frac{3}{8}$	2	1 $\frac{5}{8}$	3
12	19	17	12	$\frac{7}{8}$ x 3 $\frac{3}{4}$	2	1 $\frac{3}{4}$	3 $\frac{1}{2}$
14	21	18 $\frac{3}{4}$	12	1 x 4 $\frac{1}{4}$	2	1 $\frac{3}{8}$	3 $\frac{1}{2}$
16	23 $\frac{1}{2}$	21 $\frac{1}{4}$	16	1 x 4 $\frac{1}{4}$	2 $\frac{1}{4}$	1 $\frac{5}{8}$	3 $\frac{3}{4}$
18	25	22 $\frac{3}{4}$	16	1 $\frac{1}{8}$ x 4 $\frac{1}{4}$	2 $\frac{1}{4}$	1 $\frac{5}{8}$	3 $\frac{1}{2}$
20	27 $\frac{1}{2}$	25	20	1 $\frac{1}{8}$ x 4 $\frac{1}{4}$	2 $\frac{1}{4}$	1 $\frac{1}{2}$	3 $\frac{3}{4}$

BOLT HOLES ARE DRILLED SYMMETRICALLY ON EACH SIDE OF CENTRE LINE UNLESS OTHERWISE SPECIALLY ORDERED.

INDICATOR GATE VALVES.



FLANGED END, BRONZE MOUNTED, INDICATOR GATE VALVE.

Our Indicator Valves are made in all sizes up to and including 24 inches, and are suitable for use wherever an indicator is desired. The indicator has no parts which can be disarranged or tampered with, and is especially adapted to fire protection valves used in connection with automatic sprinkler systems, in mills, factories and public buildings. It is recommended by the fire underwriters for this purpose.

A metal slide, driven by a thread on the spindle, rises and falls with the plug, and by exposing the words *open* and *shut* at a window in a plate fastened to the valve cap, shows plainly whether the valve is open or closed.

Unless otherwise specified the indicator is made to read from the side of the valve, as shown in the cut. If so ordered it can be made to read from the end of the valve, at right angles to the position shown.

All our indicators are made to allow free access to the stuffing box, and valves equipped with indicators require slightly greater height from centre of port to top of wheel or operating nut. Other general dimensions are same as in Table on page 3.

INDICATOR POSTS FOR FIRE PROTECTION VALVES.

Our indicator post consists of a post of handsome design, about 3 feet high, connected with the valve by a cast iron pipe or casing, and provided with a nut and extension rod for operating the valve from the top.

This post shows plainly whether the valve is open or closed, and is intended to be used with fire protection valves in street mains, factory and mill yards, grounds of public buildings, etc. It is specified by the fire underwriters for this purpose, and prevents all delay and mistakes in finding and operating the valve.

The general construction of the indicator is similar to that used with indicator gate valve, and it is easily seen at a glance whether the valve is open or closed. This post can be used with any size or make of valve, and we furnish it complete with valve, or separate for use with existing valves.

The size and shape of the operating rod nut is made to conform to the standard of the system in which the valves are to be used.

In ordering, give size and kind of valve, distance from ground to bottom of pipe, number of turns to open, and whether valve turns to *right* or *left* to open.



INDICATOR POST.

"TORONTO" HYDRANT.

This hydrant is of the conical valve type, and is of cast iron with bronze mountings and leather faced valves. The inlet or water supply is controlled by a cone shaped valve, with solid, oak-tanned leather facings, thoroughly hammered and pressed, then turned on its own centres to fixed gauge, and consequently interchangeable. This valve is operated from the top of the hydrant post by a bronze nut and short spindle with a threaded bronze link at its lower end,

engaging with an iron extension rod which is secured to the valve as shown in the sectional drawing.

The waste valve is positively automatic, being attached to the valve rod so that when the main valve is open the waste must be closed, and when the main valve is closed the waste is open, allowing the waste water to escape from the stand pipe.

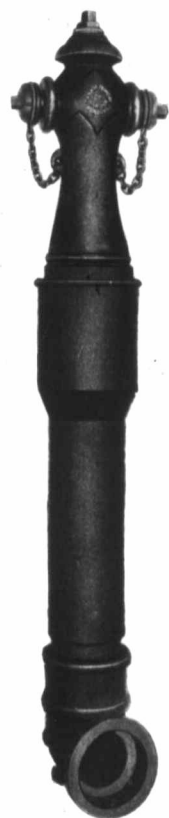
All hydrants of the "Toronto" type are fitted with an outside casing or frost case, which makes a telescopic joint with the body or post of the hydrant. Below the ground line it serves to form a dead-air chamber around the body, affording great security against freezing, and especially adapting the hydrant for service in cold climates.

The outside case has an end play or vertical motion of several inches, and accommodates itself to the upheavals of the ground by frost, thus preventing any injury to the hydrant proper or foot bend.

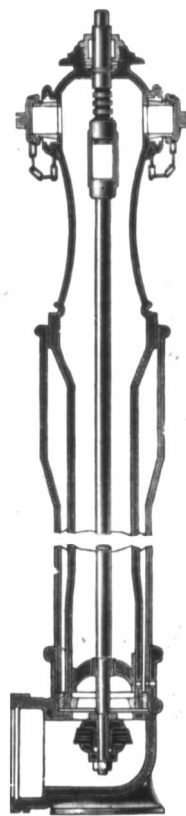
In this type of hydrant we wish to draw special attention to the case with which all the working parts may be removed for repair or examination, without disturbing the ground or foot pipe.

The valve seat is directly attached to the hydrant barrel or post and this in turn is screwed into the foot pipe. The outside casing being entirely independent, the main portion, including the waste valve, may be removed at will.

The posts are of handsome design. The nozzles are of bronze with male hose threads, and have iron nozzle caps and chains. The stuffing box is of bronze with screw packing nut. The operating or rod nut, and nuts for the nozzle caps, are made to fit the same wrench, and these, together with the hose nozzle thread



"TORONTO" HYDRANT
TWO-WAY, WITH
FROST CASE AND
FOOT PIPE.



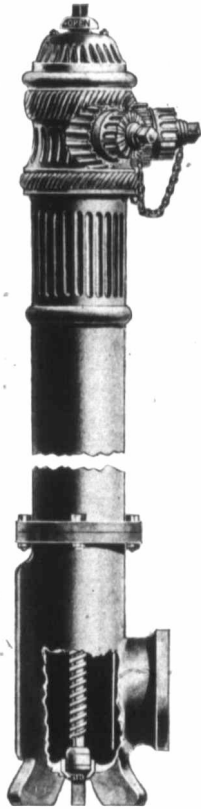
SECTIONAL VIEW
"TORONTO" HYDRANT

gauge, are made to conform to the standard of the system in which the hydrants are to be used.

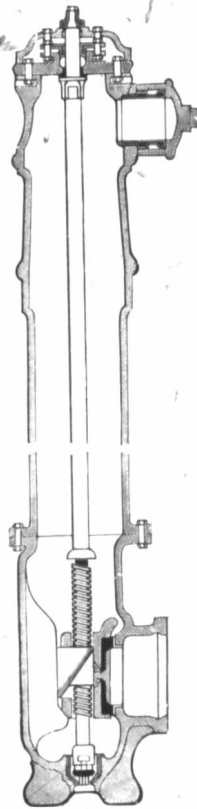
We furnish these hydrants with hub, flange, screw, or spigot ends, and can provide them with steamer nozzle if required.

Our "Toronto" hydrant is easy of operation and free from water hammer. Has a perfect drip. Unless otherwise ordered all hydrants *turn to the left to open*. These hydrants are made either "two-way," "three-way" or "four-way," with or without independent gates.

"LUDLOW PATTERN" HYDRANT.



"LUDLOW" HYDRANT,
TWO-WAY.



"LUDLOW" HYDRANT,
SECTIONAL VIEW.

This hydrant is of the straight way gate type, and, in general with the rest of the goods manufactured by us, is strong, durable and made of first-class material. In common with our "Toronto" hydrant we make the "Ludlow" for screw, hub or flange connections, with or without steamer nozzle, and for two, three, or four hose connections.

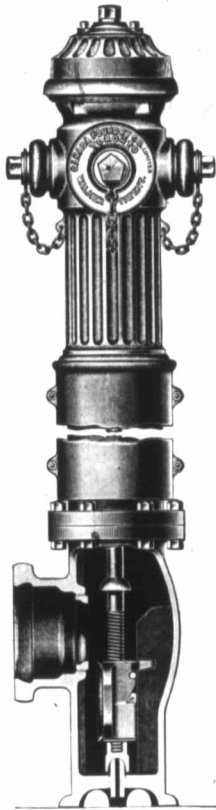
It is made of cast iron, with bronze mountings and seat rings, and special rubber-faced gates.

The water passages are large, and ample allowance has been made for the space occupied by the plug, so that the loss by friction is reduced to a minimum.

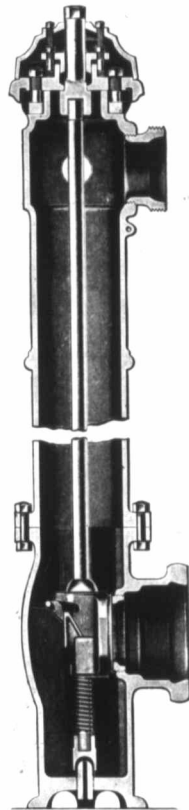
The drip outlet is automatic in its operation, and is operated by the direct action of the gate without intermediate mechanism.

Under ordinary conditions our "Ludlow" hydrant is complete without a frost case, or outer jacket, and unless specially ordered none will be provided.

"WALKER" PATENT HYDRANT.



"WALKER" HYDRANT
TWO-WAY, WITH
STEAMER NOZZLE.



"WALKER" HYDRANT,
SECTIONAL VIEW.

The valve of this hydrant is provided with a removable rubber face and is positive in action, having two distinct motions, thus avoiding rubbing or scraping the valve seat, and leaving a clear opening for water to pass through the body of hydrant, allowing full head pressure at the nozzle.

It is furnished with a simple, indestructible waste device which cannot be damaged by sediment.

Every part is made to template and is interchangeable. All operating parts are made of bronze to prevent corrosion.

It is made for screw, hub or flange connections; with or without steamer nozzle, and for two, three or four-hose connections.

30-12 Gate Valves and Fire Hydrants.

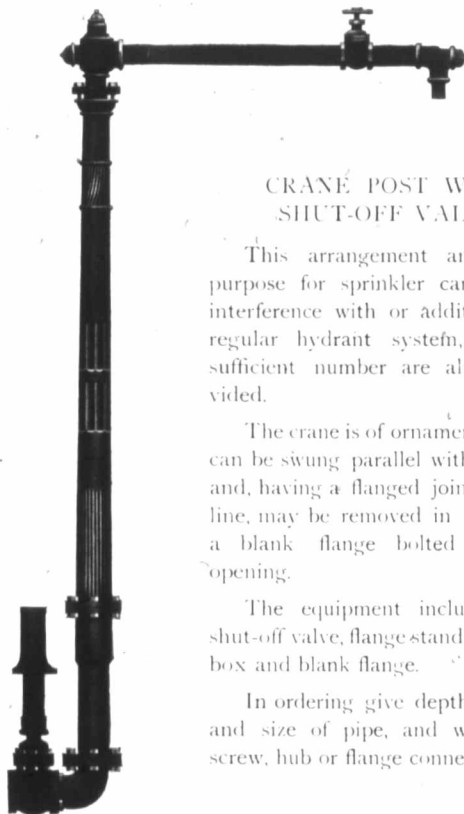


HYDRANT WITH
CRANE ATTACHMENT.

"TORONTO" HYDRANT WITH CRANE ATTACHMENT.

For supplying sprinkling carts during the summer months this neat and compact arrangement is a vast improvement on that generally used.

The crane is so arranged that it may be swung parallel with the curb when not in use, and in winter may be entirely disconnected and a nozzle cap substituted, making a first-class three-way hydrant.



CRANE POST WITH
SHUT-OFF VALVE.

This arrangement answers the purpose for sprinkler carts without interference with or addition to the regular hydrant system, where a sufficient number are already provided.

The crane is of ornamental design, can be swung parallel with the curb, and, having a flanged joint at street line, may be removed in winter and a blank flange bolted over the opening.

The equipment includes crane, shut-off valve, flange stand pipe, valve box and blank flange.

In ordering give depth of trench and size of pipe, and whether for screw, hub or flange connection.

CRANE POST
WITH SHUT-OFF VALVE.



SCREW ADJUSTMENT.

SLIDING ADJUSTMENT.

DOUBLE ADJUSTABLE STOP COCK BOXES SLIDING ADJUSTMENT.

WEIGHT OF ADJUSTABLE VALVE BOXES (Approximate).

SCREW ADJUSTMENT.			SLIDING ADJUSTMENT.		
For	6 ft. 6 in. Extension.	8 ft. 6 in. Extension.	For	Weight.	Dome Casing.
4 in. Valve	143 lbs.	222 lbs.	6 in. Valve	61 lbs.	20 lbs.
6 in. Valve	152 lbs.	231 lbs.	8 in. Valve	61 lbs.	20 lbs.
8 in. Valve	163 lbs.	242 lbs.	10 in. Valve	69 lbs.	40 lbs.
10 in. Valve	220 lbs.	290 lbs.	12 in. Valve	69 lbs.	40 lbs.
12 in. Valve	263 lbs.	332 lbs.			

WEIGHT OF ADJUSTABLE STOP COCK BOXES (Approximate).

For 3 ft. 6 in. to 6 ft. 6 in. Trench	Single	17 lbs.
	Double	28 lbs.

CANADA FOUNDRY COMPANY, LIMITED

30-14 Gate Valves and Fire Hydrants.

DRINKING FOUNTAINS.



AUTOMATIC HORSE TROUGH.

These troughs are fitted with self-acting valves to automatically refill as the water is used, preventing waste of water. They are made in ornamental cast iron, neatly painted, and shipped complete ready for connection to water service.



COMBINATION DRINKING FOUNTAIN.

COMBINATION DRINKING FOUNTAIN.

Arranged with large trough for horses, a small trough at back for dogs, and an attachment above for the public. A polished brass cup is attached by a light chain.

The fountain is of handsome design, well painted, and shipped complete ready to connect to the street service, connection being made with one inch pipe.

When erected in position the effect is good and the usefulness of such conveniences is exemplified by the constant use to which they are put.

CANADA FOUNDRY COMPANY, LIMITED.

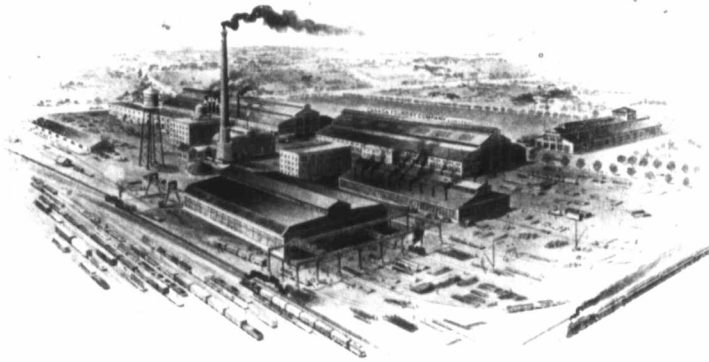
Gate Valves and Fire Hydrants. 30-15

SOME OF THE GOODS MANUFACTURED BY THE

CANADA FOUNDRY COMPANY,
LIMITED

CANADIAN GENERAL ELECTRIC CO.,
LIMITED.

ARCHITECTURAL STEELWORK.	AMMETERS.
BOILERS, MARINE.	ANNUNCIATORS.
BOILERS, STATIONARY.	ARRESTERS, LIGHTNING.
BOILERS, WATER TUBE.	BATTERIES, ELECTRIC.
BOLTS, MACHINE.	BELLS, ELECTRIC.
BRIDGES, STEEL RAILWAY AND HIGHWAY.	BRACKETS, TROLLEY POLE.
COMPRESSORS, AIR.	BRUSHES, CARBON.
CONDENSERS.	CARBONS, ARC LAMP.
CRANES, TRAVELLING.	CUTOUTS.
CRUSHERS, ROCK.	DYNAMOS, PLATING.
ELEVATOR CARS AND ENCLOSURES.	ELECTRIC FIXTURES.
ENGINES, GAS AND GASOLINE.	ELECTRIC POWER PLANTS.
ENGINES, MARINE.	ELECTRIC SUPPLIES.
ENGINES, PUMPING.	FANS, ELECTRIC.
FENCING, WROUGHT IRON.	FLEXIBLE CORD.
GAS PRODUCERS.	GENERATORS, ALTERNATING CURRENT.
GRILLE WORK, METAL.	GENERATORS, DIRECT CURRENT.
HOISTING ENGINES.	GENERATORS, RAILWAY.
HYDRANTS.	HEATING APPLIANCES.
INJECTORS.	KNOBS, PORCELAIN.
LOCOMOTIVES, STEAM.	LAMPS, ARC.
NUTS, COLD PRESSED.	LAMPS, INCANDESCENT.
PIPE, RIVETED, STEEL.	LOCOMOTIVES, ELECTRIC.
PIPES, CAST IRON.	MAGNET WIRE.
POST HOLE DIGGERS.	MERCURY ARC RECTIFIERS.
PUMPS, BOILER FEED.	MOTORS, ALTERNATING CURRENT.
PUMPS, CENTRIFUGAL.	MOTORS, DIRECT CURRENT.
PUMPS, UNDERWRITERS.	MOTORS, RAILWAY.
SCREWS, CAP AND SET.	SEARCH LIGHTS.
STEAM SHOVELS.	STORAGE BATTERIES.
STRUCTURAL STEEL WORK.	SWITCHBOARDS.
TANKS.	SWITCHES.
TRUCKS, RAILWAY.	TRANSFORMERS.
TURNTABLES, LOCOMOTIVE.	TURBINES, CURTIS.
VALVES, GATE.	VOLT METERS.
WATERWORKS SUPPLIES.	WATT METERS.
WRECKING CRANES.	WIRE, INSULATED.



DAVENPORT WORKS.

CANADA FOUNDRY COMPANY, LIMITED.

HEAD OFFICE AND WORKS: TORONTO, ONT.

DISTRICT OFFICES:

- MONTREAL, - - - - - 81 ST. PETER STREET.
- HALIFAX, - - - - - 178-182 HOLLIS STREET.
- OTTAWA, - - - - - CITIZEN BUILDING.
- WINNIPEG, - - - - - 148 NOTRE DAME ST. EAST.
- VANCOUVER, - - - - - 527-529 GRANVILLE STREET.

ROSSLAND, B.C.