
MANUFACTURERS INDEX, SECTION 8

AMERICAN WALL TIE	8-12 – 8-14
APOLLO VALVES	8-26 – 8-27
BREAKERS UNLIMITED	8-4
BUSSMAN FUSES	8-2 – 8-3
CHASE PAINT	8-34
EFFIKAL VENT DAMPERS	8-44
HERCULES PVC CEMENT	8-34
HICO FLEX BRASS CONNECTORS	8-28
JASON AIR MOVING PRODUCTS	8-29
JOMAR BALL VALVES	8-30 – 8-31
LACO PRODUCTS	8-37 – 8-38
LAU BEARINGS	8-32 – 8-34
PUROLATOR FILTERS	8-29
ROBERTSHAW SMOKE DETECTORS	8-38
RED DEVIL SILICONE	8-34
STEWART HALL CHEMICALS	8-39
THOMAS & BETTS	8-6
TJERLUND VENTERS	8-42 – 8-44
VIRGINIA KMP	8-40 – 8-41
WOLVERINE SOLDERING PRODUCTS	8-35

[illegible]

TYPE FRS-R**DUAL ELEMENT**

FOR USE IN REJECTION FUSE CLIPS
OR ORDINARY FUSE CUPS

600 VOLTS

PART #	AMPS	LENGTH
FRSR10	10	7-1/8"
FRSR15	15	
FRSR20	20	
FRSR30	30	
FRSR40	40	
FRSR50	50	
FRSR60	60	
FRSR80	80	
FRSR100	100	

**TYPE KTK-R**

NON-TIME DELAY FAST ACTING
FUSE WITH BRANCH CIRCUIT PROTECTION

600 VOLTS

PART #	AMPS	SIZE
KTKR1	1	13/32 x 1-1/2"
KTKR2	2	
KTKR3	3	
KTKR5	5	
KTKR6	6	
KTKR10	10	
KTKR30	30	

TYPE SC**DUAL ELEMENT**

FOR LIGHTING, APPLIANCE AND MOTOR BRANCH CIRCUITS

300 VOLTS

PART #	AMPS
SC2	2
SC3	3
SC5X	5
SC8	8
SC10XX	10
SC20	20
SC30	30

**TYPE FNQ****TIME DELAY**

FOR MOTOR CONTROL TRANSFORMERS AND
OTHER CIRCUITS WITH INRUSH CURRENTS

500 VOLTS

PART #	AMPS	SIZE
FNQR1	1	13/32 x 1-1/2"
FNQR2	2	
FNQR3	3	
FNQR4	4	
FNQR5	5	
FNQ10	10	
FNQ15	15	

TYPE FRN-R**DUAL ELEMENT**

FOR USE IN REJECTION FUSE CLIPS
OR ORDINARY FUSE CLIPS

250 VOLTS

PART #	AMPS	LENGTH
FRNR10	10	5-7/8"
FRNR15	15	
FRNR20	20	
FRNR25	25	
FRNR30	30	
FRNR35	35	5-7/8"
FRNR40	40	
FRNR45	45	
FRNR50	50	
FRNR60	60	
FRNR80	80	
FRNR100	100	

**TYPE FNM****DUAL ELEMENT TIME-DELAY**

FOR CIRCUITS WITH HIGH INRUSH CURRENTS

250 VOLTS

PART #	AMPS	SIZE
FNM-1/2	1/2	13/32 x 1-1/2"
FNMI	1	
FNM2	2	
FNM3	3	
FNM4	4	
FNM5	5	
FNM6	6	
FNM8	8	

PLUG FUSES TYPE S**DUAL ELEMENT**

FOR RUNNING AS WELL AS SHORT CIRCUIT PROTECTION

125 VOLTS

PART #	AMPS
S15	15
S20	20
S25	25
S30	30

**PLUG FUSES TYPE T****DUAL ELEMENT FOR RUNNING**

AS WELL AS SHORT CIRCUIT PROTECTION

125 VOLTS

PART #	AMPS
T10	10
T15	15
T20	20
T25	25
T30	30

TYPE AGW

NON-TIME-DELAY

FOR ELECTRONIC AND SMALL APPLIANCE CIRCUITS

PART #	AMPS	SIZE
AGW1-1/2	1-1/2	1/4" x 7/8"
AGW2-1/2	2-1/2	
AGW3	3	
AGW4	4	
AGW5	5	
AGW6	6	
AGW7-1/2	7-1/2	
AGW15	15	
AGW20	20	
AGW30	30	



TYPE ABC

NON-TIME-DELAY

FOR INSTRUMENTS ELECTRONICS AND SMALL APPLIANCES.

250 VOLTS

PART #	AMPS	SIZE
ABC5	5	1/4" x 1-1/4"
ABC8	8	
ABC10	10	
ABC15	15	
ABC20	20	



TYPE SFE

NON-TIME DELAY

RECOMMENDED FOR AUTO MOTIVE APPUCATIONS

32 VOLTS

PART #	AMPS	SIZE
SFE4	4	5/8"
SFE6	6	3/4"
SFE9	9	7/8"
SFE14	14	1-1/16"
SFE20	20	1-1/4"
SFE30	30	1-7/16"



TYPE AGA

NON-TIME-DELAY

FOR ELECTRONIC AND SMALL APPLIANCE CIRCUITS

PART	AMPS	SIZE	VOLTS
AGA1	1	1/4 x 5/8	125
AGA1-1/2	1-1/2		125
AGA2	2	1/4 x 5/8	32
AGA5	5		
AGA6	6		
AGA7	7		
AGA10	10		
AGA15	15		
AGA20	20		
AGA30	30		



TYPE AGX

NON-TIME-DELAY

FOR INSTRUMENTS, ELECTRONIC AND SMALL APPLIANCE CIRCUITS

250 VOLTS

PART #	AMPS	SIZE
AGX2	2	1/4" x 1"
AGX3	3	
AGX20	20	
AGX25	25	



TYPE MDA

TIME-DELAY

RECOMMENDED FOR NEW EQUIPMENT DESIGNS

250 VOLTS

PART #	AMPS	SIZE
MDA2	2	1/4" x
MDA3	3	
MDA10	10	
MDA15	15	



TYPE GBC

NON-TIME DELAY

FOR AUTOMOTIVE USE

32 VOLTS

PART #	AMPS
GBC2-1/2	2-1/2
GBC8	8
GBC15	15
GBC16	16
GBC25	25



TYPE ATC

AUTOMOTIVE APPLICATIONS

FOR MOUNTING IN SPECIALLY DESIGNED FUSEBLOCKS

PART #	AMPS
ATC3	3
ATC5	5
ATC7-1/2	7-1/2

TYPE AGC

NON-TIME-DELAY

RECOMMENED FOR NEW EQUIPMENT DESIGNS

250 VOLTS

PART #	AMPS	SIZE
AGC1/2	1/2	1/4" x 1-1/4"
AGC1	1	
AGC2	2	
AGC2-1/2	2-1/2	
AGC3	3	



32 VOLTS

PART #	AMPS	SIZE
AGC4	4	1/4" x x1-1/4"
AGC5	5	
AGC6	6	
AGC7-1/2	7-1/2	
AGC10	10	

CIRCUIT BREAKERS

TWO POLE. COMMON TRIP
120-240 V.A.C.

PART #	AMPS
A215	15
A230	30
A240	40
A250	50

**PUSHMATIC**

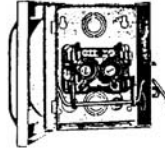
PART #	AMP	POLE
P230	30	2
P240	40	2
P250	50	2
P260	60	2

**SQUARE D**

PART #	AMP	POLE
QO115	15	1
QO120	20	1
QO130	30	1
QO215	15	2
QO220	20	2
QO230	30	2
QO240	40	2
QO250	50	2

GENERAL DUTY SWITCHES**FUSIBLE**

INDOOR, 30 AMP PLUG-FUSE + SOLID NEUTRAL



PART #	POLE	FUSES	VOLTS
N30	2	1	125
N25	3	2	125-250

60 AMP, QUICK BREAK

PART #	POLE	PHASE	VOLTS	DESCRIPTION
RW32263SN	3	1	240	RAINTITE
RW32364SN	4	3	240	RAINTITE

**MAIN DISCONNECTS**

PART #	POLE	PHASE	AMPS	DESCRIPTION
ACM222	2	1	60	FUSED
ACM222NF	2	1	60	NON-FUSED
750-60F-3PH	3	3	60	FUSED
750-60-NF-3PH	3	3	60	NPN-FUSED

UNIVERSAL (PLUG-IN)

INTERCHANGEABLE WITH GE, WESTINGHOUSE, BRYANT,
ARROW HART, CROUSE HINDS, GT SYLVANIA, CHALLENGER,
GENERAL SWITCH, MURRAY & SIEMENS-ALLIS-ITE

PART #	AMP	POLE
THQL1115	15	1
THQL1120	20	1
THQL1130	30	1
THQL2115	15	2
THQL2120	20	2
THQL2130	30	2
THQL2140	40	2
THQL2150	50	2

**FEDERAL PACIFIC
TYPE FP(O) NC-1/2"**

PART #	AMP	POLE
FPO15	15	1
FPO20	20	1

TYPE FP(C) NA-1

PART #	AMP	POLE
FP115	15	1
FP120	20	1

TYPE FP(O) NC-1

PART #	AMP	POLE
FPO215	15	2
FPO220	20	2
FPO230	30	2
FPO240	40	2
FPO250	50	2



SOLDERLESS TERMINALS

10000 SERIES

NON-INSULATED, SINGLE GRIP-100 PER PACKAGE
RING TONGUE

PART #	WIRE SIZE	STUD SIZE
C11306	16-14	5-6
C11308	16-14	8
C11310	16-14	10
C11408	12-10	8
C11410	12-10	10



SPADE TONGUE*

PART #	WIRE SIZE	STUD SIZE
C13308	16-14	8
C14206	22-18	4-6



* #14206 WITH FLANGE

QUICK CONNECTS (10000 SERIES)

ADAPTER (MALE TO FEMALE)

PART #	WIRE SIZE	STUD SIZE
C18002	--	--



ADAPTER (SCREW TYPE TO TAB)

PART #	WIRE SIZE	STUD SIZE
C18006	--	4-6
C18010	--	8-10



VOLKSWAGEN ADAPTER

PART #	WIRE SIZE	STUD SIZE
C18011	--	--
C18012	--	--



MALE TAB

PART #	WIRE SIZE	STUD SIZE
C18201	22-18	--
C18401	12-10	--



FEMALE TAB

PART #	WIRE SIZE	STUD SIZE
C18203	22-18	--
C18204	22-18	--
C18302	18-14	--
C18403	12-10	--



ANGLE FEMALE TAB

PART #	WIRE SIZE	STUD SIZE
C18304	18-14	--
C18305	16-14	--
C18308	20-12	--



COMPRESSOR TERMINAL

PART #	DESCRIPTION
13635	7 PIECE PACKAGE
3361	100 PIECE PACKAGE



60000 SERIES

BELLMOUTH INSULATED
RING TONGUE

PART #	WIRE SIZE	STUD SIZE
C61210	22-18	10
C61306	16-14	5-6
C61308	16-14	8
C61310	16-14	10
C61314	16-14	12-1/4
C61406	12-10	4-6
C61408	12-10	8
C61410	12-10	10



SPADE TONGUE

PART #	WIRE SIZE	STUD SIZE
C63201	22-18	10
C63308	16-14	8
C63310	16-14	10
C63408	12-10	8
C63410	12-10	10



BUTT CONNECTORS

PART #	WIRE SIZE	STUD SIZE
C67202	22-18	--
C67302	16-14	--
C67402	12-10	--



PIGTAIL CONNECTORS

PART #	WIRE SIZE	STUD SIZE
C67203	22-14	--



(60000 SERIES) QUICK CONNECTS

MALE TAB

PART #	WIRE SIZE	STUD SIZE
C68301	18-14	--



FEMALE TAB

PART #	WIRE SIZE	STUD SIZE
C68203	22-16	--
C68302	18-14	--
C68403	12-10	--



NYLON TIES

100 PER PACKAGE

PART #	OVERALL LENGTH	MIN. TENSILE STRENGTH
L-5-30-9-C	5-1/2"	50 LBS.
L-7-50-9-C	7-1/2"	50 LBS.
L-8-40-0-C	8" Black	50 LBS.
L-14-50-9-C	14"	50 LBS.
L-36-175-9-L	36"	175 LBS.
L-48-175-9-L	48"	175 LBS.

THERMOSTAT WIRE

PLASTIC JACKETED



PART #	GAUGE	DESCRIPTION	LENGTH
20/2	20 GA.	2 WIRE	500'
20/3	20 GA.	3 WIRE	500'
20/4	20 GA.	4 WIRE	250'
20/5	20 GA.	5 WIRE	250'
20/6	20 GA.	6 WIRE	250'
20/7	20 GA.	7 WIRE	250'
20/8	20 GA.	8 WIRE	250'

PLASTIC JACKETED, UL LISTED

PART #	GAUGE	DESCRIPTION	LENGTH
18/2UL	18 GA.	2 WIRE	500'
18/4UL	18 GA.	4 WIRE	500'
18/6UL	18 GA.	6 WIRE	250'
18/8UL	18 GA.	8 WIRE	250'

BUILDING WIRE

TYPE THHN, STRANDED



PART #	GAUGE	DESCRIPTION	LENGTH
14STR-BLK	14 GA.	BLACK	500'
14STR-R	14 GA.	RED	500'
14STR-W	14 GA.	WHITE	500'
12STR-BLK	12 GA.	BLACK	500'
12STR-R	12 GA.	RED	500'
12STR-W	12 GA.	WHITE	500'
10STR-BLK	10 GA.	BLACK	500'
10STR-W	10 GA.	WHITE	500'
10STR-R	10 GA.	RED	500'
8STR-BLK	8 GA.	BLACK	500'
6STR-BLK	6 GA.	BLACK	500'

TYPE THHN, SOLID



14SOL-BLK	14 GA.	BLACK	500'
14SOL-G	14 GA.	GREEN	500'
14SOL-R	14 GA.	RED	500'
14SOL-W	14 GA.	WHITE	500'
12SOL-BLK	12 GA.	BLACK	500'
12SOL-R	12 GA.	RED	500'
12SOL-W	12 GA.	WHITE	500'

STEEL ELECTRICAL BOXES

SQUARE

PART #	DESCRIPTION
52151-1/2	1-1/2" DEEP, 1/2" K.O.s
52151-1/2-3/4	1-1/2" DEEP, 1/2"/3/4" K.O.s
52171-1/2-3/4	2-1/8" DEEP, 1/2"/3/4" K.O.s
53151-1/2-3/4	EXTENSION 1-1/2" DEEP



OCTAGON

54151-1/2	2-1/8" DEEP 1/2" K.O.s
55151-1/2	1-1/2" DEEP, 1/2" K.O.s



HANDY BOX

58361-1/2	1-7/8" DEEP, 1/2" K.O.s
58361-3/4	1-7/8" DEEP, 3/4" K.O.s
59361-1/2	1-1/2" DEEP, 1/2" K.O.s



GEM BOX

CW-1/2	1-7/8" DEEP 1/2" K.O.s
--------	------------------------



ROUGH SERVICE LIGHT BULBS

PART #	DESCRIPTION
4431	100 WATT



ELECTRICAL BOX COVERS

SQUARE

PART #	DESCRIPTION
52-C-1	COVER BLANK
RS9	1-TOGGLE SWITCH
RS12	1-DUPLEX RECEPTACLE
RS5	2-TOGGLE SWITCH
RS2	1-TOGGLE, DUPLEX RECPT.
RS8	DUAL DUPLEX RECEPTACLE
RS11	15A SINGLE RECEPTACLE
RS13	30A SINGLE RECEPTACLE



OCTAGON

54-C-1	COVER BLANK
--------	-------------



HANDY BOX

58C1	COVER BLANK
58C30	1-TOGGLE SWITCH
58C7	1-DUPLEX RECEPTACLE



GANG PLATES FLAT

PART #	DESCRIPTION
52-C-0	SINGLE GANG
52-C-00	DOUBLE GANG



SEALTITE FLEXIBLE CONDUIT

GREY PVC JACKET

PART #	SIZE
ST50N	1/2" x 100'
ST75N	3/4" x 100'



UL LISTED

ST50UL-25	1/2" x 25'
ST50UL	1/2" x 100'
ST75UL-25	3/4" x 25'
ST75UL	3/4" x 100'

SEALTITE FITTINGS

90° CONNECTOR

PART #	SIZE
LT491	1/2" x 90°
LT492	3/4" x 90°



45° CONNECTOR

LT451	1/2" x 45°
LT452	3/4" x 45°



STRAIGHT CONNECTOR

LT101	1/2"
LT102	3/4"



FLEXIBLE METALLIC CONDUIT

GREENFIELD

PART #	SIZE
38GF25	3/8" x 25'
38GF75	3/8" x 75'
38GF100	3/8" x 100'



RIGID CONDUIT FITTINGS

PART #	DESCRIPTION
H0221	1/2" OFFSET CONNECTOR
LN101	1/2" LOCKNUT
LN102	3/4" LOCKNUT
LN103	1" LOCKNUT



PULL EL'S, THREADED

PART #	DESCRIPTION
HL601	1/2" PULL EL
HL602	3/4" PULL EL



BX CONDUIT

PART #	GAUGE	DESCRIPTION	LENGTH
(12)14/2BX25	(12)14 GA.	2 WIRE	25'
(12)14/2BX50	(12)14 GA.	2 WIRE	50'
(12)14/2BX100	(12)14 GA.	2 WIRE	100'
(12)14/3BX25	(12)14 GA.	3 WIRE	25'
(12)14/3BX50	(12)14 GA.	3 WIRE	50'
(12)14/3BX100	(12)14 GA.	3 WIRE	100'



BX & GREENFIELD CONNECTORS

PART #	SIZE
XC220	3/8" BX CONNECTOR
XC290	3/8" BX 90°
XC210	3/8" BX DUPLEX
XC280	3/8" TAKE ALL
TX220	3/8" BX TO 1/2" EMT



THINWALL CONDUIT (EMT)

PART #	SIZE
50EMT	1/2" x 10'
75EMT	3/4" x 10'
100EMT	1" x 10'



THINWALL FITTINGS (EMT)

BACK TO BACK CONNECTOR

PART #	SIZE
BS201	1/2"



COMPRESSION CONNECTORS

TC211	1/2"
TC212	3/4"
TC213	1"



SET SCREW CONNECTORS

TC221	1/2"
TC222	3/4"



90° CONNECTOR

50EMT90	1/2"
---------	------



COMPRESSION TYPE COUPLINGS

TK211	1/2"
TK212	3/4"
TK213	1"



SET SCREW TYPE COUPLINGS

TK221	1/2"
TK222	7/8"



OFFSET CONNECTORS

T0221	1/2"
-------	------



DEBURRING TOOL

FAST, EASY WAY TO DEBURR AND SMOOTH INSIDE OR OUTSIDE OF COPPER OR PLASTIC TUBING AND FITTINGS.

PART #	DESCRIPTION
180	DEBURRING TOOL

**EXTEND-A-MATCH™**

THE EXTEND-A-MATCH™ RETRACTS TO 5' LONG ENABLING IT TO BE CARRIED IN A SHIRT POCKET. THE MATCH CAN BE QUICKLY INSERTED IN THE SPRING LOADED JAWS.

PART #	DESCRIPTION
170X	EXTEND-A-MATCH

**WISE-GRIP**

LOCKING PLIERS CURVED JAWS WITH WIRE CUTTERS

PART #	DESCRIPTION
9001	7-1/2" ADJUSTABLE

**SHEET METAL TOOL**

PART #	DESCRIPTION
9010	8" ADJUSTABLE

SCREW-ON WIRE CONNECTORS

RESISTS PRACTICALLY ALL CHEMICAL ACTION. HEAT RESISTANT UP TO 221°. 100 PER PACKAGE.

PART #	SIZE(AWG)	VOLTS/COLOR
10-100	22-16	300/GREY
10-102	22-14	300/BLUE
10-103	22-14	600/ORANGE
10-104	18-12	600/YELLOW
10-106	18-10	600/RED

**COMBINATION DEVICES**

ALL DEVICES SIDE WIRED. ALL DEVICES ACCEPT STANDARD DUPLEX RECEPTACLE WALLPLATES.

PART #	DESCRIPTION
8625	Sw. & REC., Sw. 10A, 120V 1/2 H.P., REC. 15A 125V, LV.

**SWITCHES & RECEPTACLES****FRAMED TOGGLE**

PART #	DESCRIPTION
8601	15A - 1/2HP 120V, SP IVORY
8603	15A - 1/2HP 120V, 3-WAY IVORY
16309	20A - 220V, DPST

**DUPLEX RECEPTACLES**

PART #	DESCRIPTION
8613	DUPLEX REC. 15A-125V, IVORY

P.V.C. ELECTRICAL TAPE

PART #	DESCRIPTION
13229	3/4" - 66'

**WD-40**

PART #	DESCRIPTION
18047	12 oz. AEROSOL

**CLEAR VINYL TUBING**

- A clear, tough, flexible tubing
- Use for instrument controls, humidifier over-flows, condensate pump discharge lines, laboratory applications & many more industrial & domestic uses
- Excellent for air conditioning & refrigeration condensate drains

Item No.	Description	Carton Qty.
5225	1/4" I.D. x 100' Roll	(5)
5137	3/8" I.D. x 100' Roll	(5)
5150	1/2" I.D. x 100' Roll	(5)
5162	5/8" I.D. x 100' Roll	(1)
5175	3/4" I.D. x 100' Roll	(1)
5187	7/5" I.D. x 50' Roll	(1)

WATERWAY MICROPUMP CONDENSATE PUMP

- Contains its own sump
- Nominal 5-1/2" x 1-9/16" x 1-3/16" size
- For air conditioners up to 60,000 Btu/hr
- Will lift water up to 10 feet & move 2 gallons/hr
- Built-in filter protects pump from debris
- Built in non-return valves prevent water run-back



Item No.	Description	Carton Qty.
19538	110 Volt Waterway Micropump	(1)

Kimtex® Shop Towels

- Man-made fibers allow durability & softness
- Absorb 5 times their own weight in liquids
- Unaffected by strong chemicals
- Each towel is 9-1/4 x 16-3/4 & is blue in color
- Fits 13058 Access Dispenser
- Leaves less than half the surface residue of cloth shop towels



Item No.	Description	Carton Qty.
19098	Kimtex Pop-Up Box (50/Box)	(10)

DURAGRID® CONDENSER PADS

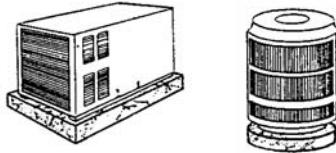
MOLDED STRUCTURAL PLASTIC

2" THICKNESS

3" ROUND DURAGRID® PADS

PART # / SIZE
ACP2424-2
ACP2436-2
ACP2448-2
ACP3024-2
ACP3030-2
ACP3036-2
ACP3348-2
ACP3636-2
ACP3648-2

PART #	SIZE
ACP24RD-3	24"
ACP30RD-3	30"



ANTI-VIBRATION PAD

CORK/RUBBER

PART #	DESCRIPTION
6134	4" x 4" x 7/8"
19707	2" x 2" x 3/4"



GEAR CLAMPS

PART #	DESCRIPTION
6202	1/4" - 5/8"
6203X	5/16" - 7/8"
5410	1/2" - 1-1/8"
5412	1/2" - 3/4"
5416	3/4" - 1-1/2"
5432	1-9/16" - 1-1/2"



RUBBER TIE DOWNS

PART #	DESCRIPTION
174	20"
175	31"



STRAIGHT BLADE PLUGS & CONNECTORS

PART #	DESCRIPTION
8639	VINYL CONN. 15A-125V, 16GA.
8641	ARMORED VINYL, 15A-125V 12-18GA.



TENSIONING TOOL

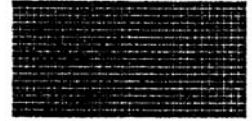
FITS ALL STANDARD AND HEAVY DUTY TIES, AND PROVIDES PROPER TIGHTNESS WHILE TRIMMING AWAY EXCESS.



PART #	DESCRIPTION
8958	TENSIONING TOOL

EGG CRATE LOUVERS

- White
- Nominal 2' x 4' panel size
- 1/2" open cell grid



Item No.	Description
13834	1/2" Thick Louver

FURNACE MOUNTING BLOCK

- Furnace Mounting Blocks raise the furnace over 1-1/2" off the ground for quiet, dry, long lasting operation.
- The Furnace Mounting Block is an easy to install, inexpensive way to assure your furnace isn't damaged from water on the floor. These blocks offer noise reduction in the form of high density foam on top and rubber feet on the bottom. To aid in installation, the foam features adhesive for accurate placement on the bottom of the furnace.



FB-1

PLASTIC / METAL SECONDARY DRAIN PANS

- Manufactured from .80" impact resistant high density polyethylene plastic sheet creating a *virtually unbreakable* pan
- Rolled edges for durability & strength
- Ribbed bottoms for rigidity
- Structurally engineered corners for strength
- 3/4" PVC fittings supplied with each pan
- No rust - No breakage - No leakage
- Drain pans are black in color & 2.5" deep
- Drain location LS = long side; SS = short side



Item No.	Description	Carton Qty.
17562	12" X 46" Bottom, 14" X 48" Overall, Drain: SS	(5)
17599	30" X 30" Bottom, 32" X 32" Overall, Drain: S	(5)
17617	30" X 60" Bottom, 32" X 62" Overall, Drain: LS	(5)
17626	36" X 60" Bottom, 38" X 62" Overall, Drain: LS	(5)
17631	24" Round Bottom, 26" Round Overall, Drain: S	(5)

Metal Pans

20x32-24	20" X 32" 24ga	(1)
26x32-24	26" X 32" 24ga	(1)
30x60-26	30" X 60" 24ga	(1)
9001609005	22" Diameter	(1)
9001608005	28" Diameter	(1)

Condensate Traps

- Full-flow condensate traps
- Each trap is carefully sized, minimizing bothersome clogged trap service calls



Item No.	Description	Carton Qty.
0356	3/4" Schedule 40 PVC P-Trap	(50)
0357	3/4" Schedule 40 PVC R-Trap	(50)

PIPE

10' LENGTHS

PART #	SIZE	DESCRIPTION
6106	3/4"	SCHEDULE 40
6200	2"	SCHEDULE 40
6300	3"	SCHEDULE 40

**90° ELBOW (SLIP)**

PART #	SIZE
85221	1/2"
85283	3/4"
85291	2"
82312	2"*
85295	3"
82314	3"*



*Indicates long radius

90° / 45° STREET ELBOW (SLIP)

PART #	SIZE	PART #	SIZE
85267	3/4" 90°	82297	3" 90°
82295	2" 90°	82238	3" 90°*
82237	2" 90°*	82496	3" 45°
82494	2" 45°		



*Indicates long radius

90° ELBOW

(SLIPxIPT)

PART #	SIZE
85303	3/4"

**45° ELBOW (SLIP)**

PART #	SIZE
85281	1/2"
85223	3/4"
85231	2"
85235	3"

**COUPLING (SLIP)**

PART #	SIZE
85203	3/4"
85211	2"
85215	3"
82151	3"x2"

**FEMALE ADAPTER (SLIPxIPT)**

PART #	SIZE
85107	3/4"
85107	6"

**TEE (SLIP)**

PART #	SIZE
85401	1/2"
85403	3/4"
85411	2"
85415	3"
85939	3x3x2

**TEE**

(SLIPxSLIPxIPT)

PART #	SIZE
85423	3/4"
401-248	2x2x3/4

**MALE ADAPTER**

(SLIP)

PART #	SIZE
85001	1/2"
85003	3/4"

**REDUCING MALE ADAPTER**

(MPTxSLIP)

PART #	SIZE
85025	1/2"x3/4"

**REDUCER-BUSHING**

(SLIP)

PART #	SIZE
85741	3/4x1/2
85743	1x3/4
85871	2x3/4
85775	3 x 2

**CAP (SLIP)**

PART #	SIZE
447-007	3/4"

**PLUG (SLIP)**

PART #	SIZE
85157	3/4"



PIPE HANGERS AND ACCESSORIES 8-11

THREADED ROD

BLACK

PART #	SIZE
6206-6	1/4" x 6'
6210-6	3/8" x 6'
6210-10	3/8"x10'
6212-6	1/2" x 6'
6213-6	5/8" x 6'
6214-6	3/4" x 11'



GALVANIZED

PART #	SIZE
6206-6-G	1/4" x 6'
6210-6-G	3/8" x 6'
6212-6-G	1/2" x 6'

PIPE HANGERS FOR STRUT

TUBE CLAMPS

PART #	SIZE
701-3/8	3/8"
701-1/2	1/2"
701-5/8	5/8"
701-3/4	3/4"
701-7/8	7/8"
701-1-1/8	1-1/8"
701-1-3/8	1-3/8"
701-1-5/8	1-5/8"
701-2-1/8	2-1/8"
701-2-5/8	2-5/8"
701-3-1/8	3-1/8"



PLASTIC COATED TUBING HANGER

PART #	SIZE
C727P-1/2	1/2"
C727P-3/4	3/4"
C727P-1	1"
C727P-1-1/4	1-1/4"
C727P-1-1/2	1-1/2"
C727P-2	2"
C727P-3	3"



PIPE/RIGID CONDUIT CLAMPS

PART #	SIZE
702-1/2	1/2"
702-3/4	3/4"
702-1	1"
702-1-1/4	1-1/4"
702-1-1/2	1-1/2"
702-2	2"
702-2-1/2	2-1/2"
702-3	3"
702-4	4"



BEAM CLAMP

STEEL

PART #	SIZE
C775L-3/8B	3/8"
C775L-1/2B	1/2"
C755L-5/8B	5/8"



MALLEABLE IRON

PART #	SIZE
M775-3/8B	3/8"
M775-1/2B	1/2"

ISOLATOR FOR COPPER TUBE

PART #	O.D. SIZE
A716-3/8	3/8"
A716-1/2	1/2"
A716-5/8	5/8"
A716-3/4	3/4"
A716-7/8	7/8"
A716-1-1/8	1-1/8"
A716-1-3/8	1-3/8"
A716-1-5/8	1-5/8"
A716-2-1/8	2-1/8"
A716-2-5/8	2-5/8"



EYE COUPLINGS

PART #	SIZE
EC14	1/4"
EC38	3/8"



ROD COUPLINGS

PART #	SIZE
RC-1/4	1/4"
RC-3/8	3/8"
RC-1/2	1/2"
RC-5/8	5/8"



ANGLE CLIP

PART #	SIZE
540-3/8	3/8"
540-1/2	1/2"



STRUT - 12 GA.

PART #	DEPTH
A1400HS-10	1-5/8"
B1400HS-10	13/16"



PIPE HANGING DEVICES



CONDUIT CLAMPS

**GALVANIZED
(WITHOUT STOVE BOLTS)**

PART #	SIZE CONDUIT	
	RIGID	THINWALL
445-0	1/2" - 3/8"	1/2"
445-1	3/4"	3/4"
445-2	1"	1"
445-3	1-1/4"	1-1/4"
445-4	1-1/2"	1-1/2"
445-5	2"	2"
445-6	2-1/2"	
445-7	3"	



**COPPER
(WITH STOVE BOLTS)**

PART #	SIZES
C455-0	3/8" - 1/2"
C455-1	3/4"
C445-2	1"
C445-3	1-1/4"
C445-4	1-1/2"
C445-5	2"

REDUCING WASHERS FOR SWITCH BOXES

PART #	SIZE
KOW3412	3/4" - 1/2"
KOW134	1" - 3/4"



BEAM CLAMP HEAVY DUTY

WITH 1/4"-20 x 1" SLOTTED SCREW. ASSURES THE MOST DEPENDABLE UNIVERSAL SUPPORT FOR HEAVY PIPING, CONDUITS, HANGER RODS ETC.

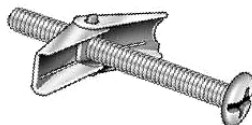
PART #
425



DOUBLE LEAF SPRING TOGGLE BOLTS

ROUND HEAD

PART #	SIZE
TB3163	3/16" x 3"
TB3164	3/16" x 4"
TB5164	5/16" x 4"
TB5165	5/16" x 5"
TB386	3/8" x 6"
TB144	1" x 4"
TB145	1" x 5"



SETTING TOOLS



PART #	SIZE
ST316	3/16"
ST14	1/4"
ST516	5/16"
ST38	3/8"
ST12	1/2"

LEAD EXPANSION ANCHORS

SETTING PUNCH INCLUDED WITH EAOH BOX.



PART #	SIZE
LA316	3/16"
LA14	1/4"
LA516	5/16"
LA38	3/8"
LA12	1/2"

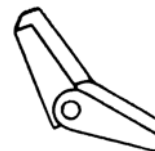
ITW TAPCON

CONCRETE FASTENER - HEX HEAD



PART #	DIA./IN.	LENGTH
TCSHS-316x134	3/16	1-3/4"
TCSHS-316x234	3/16	2-3/4"
TCSHS-316x334	3/16	3-3/4"
TCSHS-14x114	1/4	1-3/4"
TCSHS-14x134	1/4	1-3/4"
TCSHS-14x234	1/4	2-3/4"
TCSHS-14x334	1/4	3-3/4"

WINGS FOR TOGGLE BOLTS



PART #	SIZE
TW14	1/4"
TW516	5/16"
T38	3/8"
TW12	1/2"

PIPE HANGING DEVICES

FLAT-END LAG SCREWS

STOVE BOLTS INCLUDED UNASSEMBLED

PART #	SIZE
FE650-0	1/4" x 3"
FE650-1	5/16" x 3-1/2"
FE650-2	3/8" x 4"



GALVANIZED PLASTER WASHERS



PART #	OUTSIDE DIAMETER	GAUGE	HOLE SIZE	BOLT SIZE
PW138732	1-3/8"	18	3/16"	3/16"
PW138516	1-3/8"	18	1/4"	1/4"
PW1381332	1-3/8"	18	3/8"	3/8"

RING AND BOLT HANGERS

NUTS AND BOLTS NOT ASSEMBLED

GALVANIZED

PART #	SIZE	WIDTH	BOLT SIZE
6002	1/2"	7/8"	1/4" x 3/4"
6003	3/4"	7/8"	1/4" x 3/4"
6004	1"	7/8"	1/4" x 3/4"
6005	1-1/4"	7/8"	1/4" x 3/4"
6006	1-1/2"	7/8"	1/4" x 3/4"
6007	2"	7/8"	1/4" x 3/4"
6008	2-1/2"	1-1/8"	1/4" x 3/4"
6009	3"	1-1/8"	5/16" x 3/4"
6011	4"		

COPPER

PART #	SIZE	WIDTH	BOLT SIZE
6002C	1/2"	7/8"	1/4" x 3/4"
6003C	3/4"	7/8"	1/4" x 3/4"
6004C	1"	7/8"	1/4" x 3/4"
6005C	1-1/4"	7/8"	1/4" x 3/4"
6006C	1-1/2"	7/8"	1/4" x 3/4"
6007C	2"	7/8"	1/4" x 3/4"
6008C	2-1/2"	7/8"	1/4" x 1"



CLEVIS HANGER

BLACK

PART #	SIZE
CL710-3/4B	3/4"
CL710-1B	1"
CL710-1-1/4B	1-1/4"
CL710-1-1/2B	1-1/2"
CL710-2B	2"
CL710-2-1/2B	2-1/2"
CL710-3B	3"
CL710-4B	4"



COPPER

PART #	SIZE
TB CTL710-3/4	3/4"
TB CTL710-1	1"
TB CTL710-1-1/4	1-1/4"
TB CTL710-1-1/2	1-1/2"
TB CTL710-2	2"
TB CTL710-2-1/2	2-1/2"

RISER CLAMP

STANDARD

PART #	SIZE
C720-3/4B	3/4"
C720-1B	1"
C720-1-1/4B	1-1/4"
C720-1-1/2B	1-1/2"
C720-2B	2"
C720-2-1/2B	2-1/2"
C720-3B	3"
C720-4B	4"
C720-5B	5"



COPPER

PART #	SIZE
C720-3-1/2	3-1/2"
C720-4	4"
C720-5	5"
C720-6	6"
C720-7	7"
C720-10	10"

COACH SCREWS

PART #	SIZE
CS5/8 X 3-1/2	5/8" x 3-1/2"
CS14 X 3	1/4" x 3"





PIPE HANGING DEVICES

GALVANIZED PIPE STRAPS

STANDARD TWO HOLE FOR HEAVY WALL PIPE

PART #	SIZE
7704	1/4"
7708	1/2"
7710	3/4"
7712	1"
7714	1-1/4"
7716	1-1/2"
7718	2"
7720	2-1/2"



COPPER TUBING STRAPS

STANDARD TWO HOLE TYPE

PART #	SIZE
7908	1/2"
7910	3/4"
7912	1"
7914	1-1/4"
7916	1-1/2"



HEAVY DUTY ONE HOLE PIPE STRAPS

"SNAP-ON" ONE HOLE TYPE FOR HEAVY WALL PIPE

PART #	SIZE
8704	3/8"BX
8708	1/2"
8710	3/4"
8712	1"
8714	1-1/4"
8716	1-1/2"
8718	2"



COPPERIZED PERFORATED HANGER IRON



PART #	LENGTH	GAUGE
510AC	10'	20
510ACx100	100'	20

GALVANIZED PERFORATED HANGER IRON

PART #	WIDTH	LENGTH	GAUGE
520A	3/4"	20	10'
524A	3/4"	24	10'
520Cx100	3/4"	20	100'
514x10	1"	14	10'

GALVANIZED PIPE STRAPS

STANDARD TWO HOLE TYPE FOR THIN WALL PIPE

PART #	SIZE
7707	1/2"
7709	3/4"



STANDARD TYPE WIRE PIPE HOOKS



BLACK

PART #	SIZE
6116	1/2" x 6"
6126	3/4" x 6"
6136	1" x 6"
6146	1-1/4" x 6"
6156	1-1/2" x 6"

COPPER

PART #	SIZE
6116C	1/2" x 6"
6126C	3/4" x 6"
6136C	1" x 6"
6146C	1-1/4" x 6"
6156C	1-1/2" x 6"

HEAVY DUTY ONE HOLE PIPE STRAPS

"SNAP-ON" ONE HOLE TYPE FOR THIN WALL PIPE

PART #	SIZE
16-900	1/2" IPS
16-901	3/4" IPS
8711	1"



SLOTTED ROUND STOVE BOLT WITH HEX NUT

PART #	SIZE
SBN316x34	3/16" x 3/4"
SBN316x1	3/16" x 1"
SBN316x112	3/16" x 1-1/2"
SBN14x12	1/4" x 1/2"
SBN14x34	1/4" x 3/4"
SBN14x1	1/4" x 1"
SBN14x112	1/4" x 1-1/2"
SBN14x2	1/4" x 2"
SBN14x3	1/4" x 3"
SBN14x4	1/4" x 4"



HEX HEAD BOLT

GRADE 2
LOW CARBON STEEL

PART #	SIZE
HHB14x34	1/4" x 3/4"
HHB14x1	1/4" x 1"
HHB14x112	1/4" x 1-1/2"
HHB516x34	5/16" x 3/4"
HHB516x1	5/16" x 1"
HHB516x112	5/16" x 1-1/2"
HHB516x2	5/16" x 2"
HHB516x212	5/16" x 2-1/2"
HHB516x3	5/16" x 3"
HHB38x34	3/8" x 3/4"
HHB38x1	3/8" x 1"
HHB38x112	3/8" x 1-1/2"
HHB38x2	3/8" x 2"
HHB38x212	3/8" x 2-1/2"
HHB38x3	3/8" x 3"
HHB38x312	3/8" x 3-1/2"
HHB716x175	7/16" x 1-3/4"
HHB12x1	1/2" x 1"
HHB12x112	1/2" x 1-1/2"
HHB12x2	1/2" x 2"
HHB12x212	1/2" x 2-1/2"
HHB12x3	1/2" x 3"
HHB12x312	1/2" x 3-1/2"
HHB12x4	1/2" x 4"
HHB58x112	5/8" x 1-1/2"
HHB58x3	5/8" x 3"
HHB58x312	5/8" x 3-1/2"
HHB58x412	5/8" x 4-1/2"
HHB34x1	3/4" x 1"
HHB34x3	3/4" x 3"
HHB34x312	3/4" x 3-1/2"



FINISHED HEX NUTS

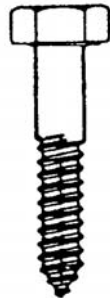
PART #	SIZE
HN316	3/16"
HN14	1/4"
HN516	5/16"
HN38	3/8"
HN716	7/16"
HN12	1/2"
HN58	5/8"
HN34	3/4"



HEX HEAD LAG BOLT

GIMLET POINT

PART #	SIZE
HHLB14x2	1/4" x 2"
HHLB14x3	1/4" x 3"
HHLB14x4	1/4" x 4"
HHLB38x2	3/8" x 2"
HHLB38x3	3/8" x 3"
HHLB38x4	3/8" x 4"



LOCK WASHERS

PART #	SIZE
LW316	3/16"
LW14	1/4"
LW516	5/16"
LW38	3/8"
LW12	1/2"
LW58	5/8"



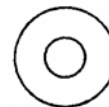
SHORT LAG SCREW SHIELD

PART #	SIZE
LS14	1/4"
LS38	3/8"



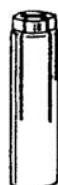
FLAT WASHERS

PART #	SIZE
FW316	3/16"
FW14	1/4"
FW516	5/16"
FW38	3/8"
FW12	1/2"
FW58	5/8"
FW34	3/4"



STEEL DROP-IN ANCHOR

PART #	SIZE
PE SDIA14	1/4"
PE SDIA38	3/8"
PE SDIA12	1/2"



PIPE FITTINGS

90° ELBOW



	BLACK	CAST	GALV.
SIZE	PART #	PART #	PART #
1/8"	BE01	--	GE01
1/4"	BE02	--	GE02
3/8"	BE03	--	GE03
1/2"	BE04	CE04	GE04
3/4"	BE06	CE06	GE06
1"	BE08	CE08	GE08
1-1/4"	BE10	CE10	GE10
1-1/2"	BE12	CE12	GE12
2"	BE16	CE16	GE16
2-1/2"	BE20	CE20	GE20
3"	BE24	CE24	GE24
3-1/2"	BE28	CE28	--
4"	BE32	CE32	GE32
5"	BE40	CE40	--
6"	BE48	CE48	--



90° ELBOW REDUCER

	BLACK	CAST	GALV.
SIZE	PART #	PART #	PART #
1/4" x 1/8"	BE0201	--	GE0201
3/8" x 1/8"	BE0301	--	--
3/8" x 1/4"	BE0302	--	GE0302
1/2" x 1/4"	BE0402	--	GE0402
1/2" x 3/8"	BE0403	CE0403	GE0403
3/4" x 1/4"	BE0602	--	CE0602
3/4" x 3/8"	BE0603	--	CE0603
3/4" x 1/2"	BE0604	CE0604	GE0604
1" x 3/8"	BE0803	--	GE0803
1" x 1/2"	BE0804	CE0804	GE0804
1" x 3/4"	BE0806	CE0806	GE0806
1-1/4" x 1/2"	BE1004	CE1004	GE1004
1-1/4" x 3/4"	BE1006	CE1006	GE1006
1-1/4" x 1"	BE1008	CE1008	GE1008
1-1/2" x 1/2"	BE1204	CE1204	--
1-1/2" x 3/4"	BE1206	CE1206	GE1206
1-1/2" x 1"	BE1208	CE1208	GE1208
1-1/2" x 1-1/4"	BE1210	CE1210	GE1210
2" x 1/2"	BE1604	CE1604	--
2" x 3/4"	BE1606	CE1606	GE1606
2" x 1"	BE1608	CE1608	GE1608
2" x 1-1/4"	BE1610	CE1610	GE1610
2" x 1-1/2"	BE1612	CE1612	GE1612
2" x 1-1/4"	--	CE2010	--
2-1/2" x 1-1/2"	BE2012	CE2012	GE2012
2-1/2" x 2"	BE2016	CE2016	GE2016
3" x 1-1/4"	--	CE2410	--
3" x 1-1/2"	--	CE2412	--
3" x 2"	BE2416	CE2416	GE2416
3" x 2-1/2"	BE2420	CE2420	GE2420
3-1/2" x 3"	--	CE2824	--
4" x 2"	BE3216	CE3216	--
4" x 2-1/2"	--	CE3220	--
4" x 3"	BE3224	CE3224	GE3224
4" x 3-1/2"	--	CE3228	--
5" x 2-1/2"	--	CE4020	--
5" x 3"	--	CE4024	--
5" x 3-1/2"	--	CE4028	--
5" x 4"	--	CE4032	--
6" x 3"	--	CE4824	--
6" x 4"	--	CE4832	--
6" x 5"	--	CE4840	--
8" x 6"	--	CE6448	--

45° ELBOW



	BLACK	CAST	GALV.
SIZE	PART #	PART #	PART #
1/8"	BA01	--	GA01
1/4"	BA02	--	GA02
3/8"	BA03	--	GA03
1/2"	BA04	CA04	GA04
3/4"	BA06	CA06	GA06
1"	BA08	CA08	GA08
1-1/4"	BA10	CA10	GA10
1-1/2"	BA12	CA12	GA12
2"	BA16	CA16	GA16
2-1/2"	BA20	CA20	GA20
3"	BA24	CA24	GA24
3-1/2"	BA28	CA28	--
4"	BA32	CA32	--
5"	BA40	CA40	--
6"	BA48	CA48	--

PIPE FITTINGS

8-17

FLOOR FLANGE

PART #	SIZE
BFF04	1/2"
BFF06	3/4"
BFF08	1"
BFF10	1-1/4"
BFF12	1-1/2"
BFF16	2"



CAPS

SIZE	BLACK	GALV.
	PART #	PART #
1/8"	BC01	GC01
1/4"	BC02	GC02
3/8"	BC03	GC03
1/2"	BC04	GC04
3/4"	BC06	GC06
1"	BC08	GC08
1-1/4"	BC10	GC10
1-1/2"	BC12	GC12
2"	BC16	GC16
2-1/2"	BC20	GC20
3"	BC24	GC24
3-1/2"	BC28	GC32
4"	BC32	--
5"	BC40	--
6"	BC48	--



COUPLINGS*

SIZE	BLACK	GALV.
	PART #	PART #
1/8"	BMC01	GMC01
1/4"	BMC02	GMC02
3/8"	BMC03	GMC03
1/2"	BMC04	GMC04
3/4"	BMC06	GMC06
1"	BMC08	GMC08
1-1/4"	BMC10	GMC10
1-1/2"	BMC12	GMC12
2"	BMC16	GMC16
2-1/2"	BMC20	GMC20
3"	BMC24	GMC24
4"	BMC32	GMC32
5"	BMC40	--
6"	BMC48	--



* 1/2" - 2" STEEL: BLACK GALVANIZED

FACE BUSHING

PART #	SIZE
BFB0403	1/2" x 3/4"
BFB0604	3/4" x 1/2"
BFB0406	1" x 3/4"



COMPANION FLANGE

BLACK

PART #	SIZE
CF12x40	1-1/2" x 5"
CF24x60	3" x 7-1/2"
CF24x72	3" x 9"
CF32x72	4" x 9"
CF40x80	5" x 10"
CF40x88	5" x 11"
CF48x88	6" x 11"
CF64x108	8" x 13-1/2"



CROSS, BLACK

PART #	SIZE
BCR06	3/4"
BCR08	1"
BCR10	1-1/4"
BCR16	2"
BCR32	4"



COMPANION FLANGE UNION

CAST IRON

PART #	SIZE
CFU16	2"
CFU20	2-1/2"
CFU24	3"
CFU28	3-1/2"
CFU32	4"
CFU40	5"
CFU48	6"
CFU64	8"





HEX BUSHINGS

GALVANIZED

PART #	SIZE	PART #	SIZE
GB0201	1/4" x 1/8"	GB1206	1-1/2" x 3/4"
GB0301	3/8" x 1/8"	GB1208	1-1/2" x 1"
GB0302	3/8" x 1/4"	GB1210	1-1/2" x 1-1/4"
GB0401	1/2" x 1/8"	GB1602	2" x 1/4"
GB0402	1/2" x 1/4"	GB1603	2" x 3/8"
GB0403	1/2" x 3/8"	GB1604	2" x 1/2"
GB0601	3/4" x 1/8"	GB1606	2" x 3/4"
GB0602	3/4" x 1/4"	GB1608	2" x 1"
GB0603	3/4" x 3/8"	GB1610	2" x 1-1/4"
GB0604	3/4" x 1/2"	GB1612	2" x 1-1/2"
GB0801	1" x 1/8"	GB2004	2-1/2" x 1/2"
GB0802	1" x 1/4"	GB2006	2-1/2" x 3/4"
GB0803	1" x 3/8"	GB2008	2-1/2" x 1"
GB0804	1" x 1/2"	GB2010	2-1/2" x 1-1/4"
GB0806	1" x 3/4"	GB2012	2-1/2" x 1-1/2"
GB1002	1-1/4" x 1/4"	GB2016	2-1/2" x 2"
GB1003	1-1/4" x 3/8"	GB2404	3" x 1/2"
GB1004	1-1/4" x 1/2"	GB2406	3" x 3/4"
GB1006	1-1/4" x 3/4"	GB2408	3" x 1"
GB1008	1-1/4" x 1"	GB2410	3" x 1-1/4"
GB1202	1-1/2" x 1/4"	GB2412	3" x 1-1/2"
GB1203	1-1/2" x 3/8"	GB2416	3" x 2"
GB1204	1-1/2" x 1/2"	GB2420	3" x 2-1/2"

HEX BUSHINGS

CAST IRON

SIZE	PART #	SIZE	PART #
1/4" x 1/8"	CB0201	2-1/2" x 1"	CB2008
3/8" x 1/8"	CB0301	2-1/2" x 1-1/4"	CB2010
3/8" x 1/4"	CB0302	2-1/2" x 1-1/2"	CB2012
1/2" x 1/8"	CB0401	2-1/2" x 2"	CB2016
1/2" x 1/4"	CB0402	3" x 1/2"	CB2404
1/2" x 3/8"	CB0403	3" x 3/4"	CB2406
3/4" x 1/8"	CB0601	3" x 1"	CB2408
3/4" x 1/4"	CB0602	3" x 1-1/4"	CB2410
3/4" x 3/8"	CB0603	3" x 1-1/2"	CB2412
3/4" x 1/2"	CB0604	3" x 2"	CB2416
1" x 1/8"	CB0801	3" x 2-1/2"	CB2420
1" x 1/4"	CB0802	3-1/2" x 1"	CB2808
1" x 3/8"	CB0803	3-1/2" x 1-1/4"	CB2810
1" x 1/2"	CB0804	3-1/2" x 1-1/2"	CB2812
1" x 3/4"	CB8006	3-1/2" x 2"	CB2816
1-1/4" x 1/8"	CB1001	3-1/2" x 2-1/2"	CB2820
1-1/4" x 1/4"	CB1002	3-1/2" x 3"	CB2824
1-1/4" x 3/8"	CB1003	4" x 1"	CB3208
1-1/4" x 1/2"	CB1004	4" x 1-1/4"	CB3210
1-1/4" x 3/4"	CB1006	4" x 1-1/2"	CB3212
1-1/4" x 1"	CB1008	4" x 2"	CB3216
1-1/2" x 1/4"	CB1202	4" x 2-1/2"	CB3220
1-1/2" x 3/8"	CB1203	4" x 3"	CB3224
1-1/2" x 1/2"	CB1204	4" x 3-1/2"	CB3228
1-1/2" x 3/4"	CB1206	5" x 2"	CB4016
1-1/2" x 1"	CB1208	5" x 2-1/2"	CB4020
1-1/2" x 1-1/4"	CB1210	5" x 3"	CB4024
2" x 1/4"	CB1602	5" x 3-1/3"	CB4028
2" x 3/8"	CB1603	5" x 4"	CB4032
2" x 1/2"	CB1604	6" x 2"	CB4816
2" x 3/4"	CB1606	6" x 2-1/2"	CB4820
2" x 1"	CB1608	6" x 3"	CB4824
2" x 1-1/4"	CB1610	6" x 3-1/2"	CB4828
2" x 1-1/2"	CB1612	6" x 4"	CB4832
2-1/4" x 1/2"	CB2004	6" x 5"	CB4840
2-1/4" x 3/4"	CB2006	7-1/2" x 6"	CB6048

REDUCING TEES

GALVANIZED



PART #	SIZE \ IN.	PART #	SIZE / IN.	PART #	SIZE / IN.	PART #	SIZE / IN.
GT020201	1/4 x 1/4 x 1/8	GT080604	1 x 3/4 x 1/2	GT120808	1-1/2 x 1 x 1	GT161604	2 x 2 x 1/2
GT020203	1/4 x 1/4 x 3/8	GT080606	1 x 3/4 x 3/4	GT120810	1-1/2 x 1 x 1-1/4	GT161606	2 x 2 x 3/4
GT030202	3/8 x 1/4 x 1/4	GT080608	1 x 3/4 x 1	GT120812	1-1/2 x 1 x 1-1/2	GT161608	2 x 2 x 1
GT030203	3/8 x 1/4 x 3/8	GT080802	1 x 1 x 1/4	GT121004	1-1/2 x 1-1/4 x 1/2	GT161610	2 x 2 x 1-1/4
GT030302	3/8 x 3/8 x 1/4	GT080803	1 x 1 x 3/8	GT121006	1-1/2 x 1-1/4 x 3/4	GT161612	2 x 2 x 1-1/2
GT030304	3/8 x 3/8 x 1/2	GT080804	1 x 1 x 1/2	GT121008	1-1/2 x 1-1/4 x 1	GT161620	2 x 2 x 2-1/2
GT040204	1/2 x 1/4 x 1/2	GT080806	1 x 1 x 3/4	GT121010	1-1/2 x 1-1/4 x 1-1/4	GT201216	2-1/2 x 1-1/2 x 2
GT040303	1/2 x 3/8x3/8	GT080810	1 x 1 x 1/4	GT121210	1-1/2 x 1-1/2 x 1-1/4	GT201220	2-1/2 x 1 x 2-1/2
GT040304	1/2 x 3/8 x 1/2	GT100408	1-1/4 x 1/2 x 1	GT121204	1-1/2 x 1-1/2 x 1/2	GT201616	2-1/2 x 2 x 2
GT040402	1/2 x 1/2 x 1/4	GT100410	1-1/4 x 1/2 x 1-1/4	GT121206	1-1/2 x 1-1/2 x 3/4	GT201620	2-1/2 x 2 x 2-1/2
GT040403	1/2 x 1/2 x 3/8	GT100610	1-1/4 x 3/4 x 1-1/4	GT121208	1-1/2 x 1-1/2 x 1	GT202006	2-1/2 x 2-1/2 x 3/4
GT040406	1/2 x 1/2 x 3/8	GT100804	1-1/4 x 1 x 1/2	GT121210	1-1/2 x 1-1/2 x 1-1/4	GT202008	2-1/2 x 2-1/2 x 1
GT060404	3/4 x 1/2 x 1/2	GT100806	1-1/4 x 1 x 3/4	GT121216	1-1/2 x 1-1/2 x 2	GT202010	2-1/2 x 2-1/2 x 1-1/4
GT060406	3/4 x 1/2 x 3/4	GT100808	1-1/4 x 1 x 1	GT160416	2 x 1/2 x 2	GT202012	2-1/2 x 2-1/2 x 1-1/2
GT060408	3/4 x 1/2 x 1	GT100810	1-1/4 x 1 x 1-1/4	GT160616	2 x 3/4 x 2	GT202016	2-1/2 x 2-1/2 x 1
GT060602	3/4 x 3/4 x 1/4	GT101003	1-1/4 x 1-1/4 x 3/8	GT160816	2 x 1 x 2	GT202024	2-1/2 x 2-1/2 x 3
GT060603	3/4 x 3/4 x 3/8	GT101004	1-1/4 x 1-1/4 x 1/2	GT161010	2 x 1-1/4 x 21	GT241624	3 x 2 x 3
GT060604	3/4 x 3/4 x 1/2	GT101006	1-1/4 x 1-1/4 x 3/4	GT161012	2 x 1-1/4 x 1-1/2	GT242406	3 x 3 x 3/4
GT060608	3/4 x 3/4 x 1	GT101008	1-1/4 x 1-1/4 x 1	GT161016	2 x 1-1/4 x 2	GT242408	3 x 3 x 1
GT080208	1 x 1/2 x 1	GT101012	1-1/4 x 1-1/4 x 1-1/2	GT161208	2 x 1-1/2 x 1	GT242410	3 x 3 x 1-1/4
GT080404	1 x 1/4 x 1/4	GT120412	1-1/2 x 1/2 x 1-1/2	GT161210	2 x 1-1/2 x 1-1/4	GT242412	3 x 3 x 1-1/2
GT080406	1 x 1/2 x 3/4	GT120606	1-1/2 x 3/4 x 3/4	GT161212	2 x 1-1/2 x 1-1/2	GT242416	3 x 3 x 2
GT080408	1 x 1/2 x 1	GT120612	1-1/2 x 3/4 x 1-1/2	GT161216	2 x 1-1/2 x 2	GT242420	3 x 3 x 2-1/2

REDUCER



	BLACK	GALV.
SIZE	PART #	PART #
1/4" x 1/8"	BMC0201	GMC0201
3/8" x 1/8"	BMC0301	GMC0301
3/8" x 1/4"	BMC0302	GMC0302
1/2" x 1/8"	BMC0401	GMC0401
1/2" x 1/4"	BMC0402	GMC0402
1/2" x 3/8"	BMC0403	GMC0403
3/4" x 1/8"	BMC0601	GMC0601
3/4" x 1/4"	BMC0602	GMC0602
3/4" x 3/8"	BMC0603	GMC0603
3/4" x 1/2"	BMC0604	GMC0604
1" x 1/4"	BMC0802	GMC0802
1" x 3/8"	BMC0803	GMC0803
1" x 1/2"	BMC0804	GMC0804
1" x 3/4"	BMC0806	GMC0806
1-1/4" x 1/2"	BMC1004	GMC1004
1-1/4" x 3/4"	BMC1006	GMC1006
1-1/4" x 1"	BMC1008	GMC1008
1-1/2" x 1/2"	BMC1204	GMC1204
1-1/2" x 3/4"	BMC1206	GMC1206
1-1/2" x 1"	BMC1208	GMC1208
1-1/2" x 1-1/4"	BMC1210	GMC1210
2" x 1-1/2"	BMC1612	GMC1604
2" x 3/4"	BMC1606	GMC1606
2" x 1"	BMC1608	GMC1608
2" x 1 1/4"	BMC1610	GMC1610
2" x 1-1/2"	BMC1612	GMC1612
2-1/2" x 1"	BMC2008	GMC2008
2-1/2" x 1-1/4"	BMC2010	GMC2010
2-1/2" x 1-1/2"	BMC2012	GMC2012
2-1/2" x 2"	BMC2016	GMC2016
3" x 1"	BMC2408	GMC2408
3" x 1-1/4"	BMC2410	GMC2410
3" x 1-1/2"	BMC2412	GMC2412
3" x 2"	BMC2416	GMC2416
3" x 2-1/2"	BMC2420	GMC2420
3-1/2" x 2"	BMC2816	---
3-1/2" x 2-1/2"	BMC2820	---
3-1/2" x 3"	BMC2824	---
4" x 1-1/2"	BMC3212	---
4" x 2"	BMC3216	---
4" x 2-1/2"	BMC3220	GMC3220
4" x 3"	BMC3224	---
4" x 3-1/2"	BMC3228	---
5" x 4"	BMC4032	---
6" x 4"	BMC4832	---

45° STREET ELBOW



	BLACK	GALV.
SIZE	PART #	PART #
1/2"	BSA04	GSA04
3/4"	BSA06	GSA06
1"	BSA08	---

90° STREET ELBOW



	BLACK	GALV.
SIZE	PART #	PART #
1/8"	BSE01	GSE01
1/4"	BSE02	GSE02
3/8"	BSE03	GSE03
1/2"	BSE04	GSE04
3/4"	BSE06	GSE06
1"	BSE08	GSE08
1-1/4"	BSE10	GSE10
1-1/2"	BSE12	GSE12
2"	BSE16	GSE16
2-1/2"	BSE20	GSE20
3"	BSE24	---
4"	BSE32	---

SQUARE HEAD PLUGS



	BLACK	GALV.
SIZE	PART #	PART #
1/8"	BP01*	---
3/8"	BP02*	GP02*
1/4"	BP03*	GP03*
1/2"	BP04	GP04
3/4"	BP06	GP06
1"	BP08	GP08
1-1/4"	BP10	GP10
1-1/2"	BP12	GP12
2"	BP16	GP16
2-1/2"	BP20	GP20
3"	BP24	GP24
3-1/2"	BP28	---
4"	BP32	---
5"	BP40	---
6"	BP48	---

*STEEL

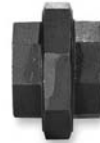
PIPE FITTINGS

STRAIGHT TEE



	BLACK	CAST	GALV.
SIZE	PART #	PART #	PART #
1/8"	BT01	--	GT01
1/4"	BT02	--	GT02
3/8"	BT03	--	GT03
1/2"	BT04	CT04	GT04
3/4"	BT06	CT06	GT06
1"	BT08	CT08	GT08
1-1/2"	BT10	CT10	GT10
1-1/4"	BT12	CT12	GT12
2"	BT16	CT16	GT16
2-1/2"	BT20	CT20	GT20
3"	BT24	CT24	GT24
3-1/2"	BT28	CT28	--
4"	BT32	CT32	--
5"	BT40	CT40	--
6"	BT48	CT48	--

UNIONS



	BLACK	GALV.
SIZE	PART #	PART #
1/8"	GF BU01	GF GU01
1/4"	GF BU02	GF GU02
3/8"	GF BU03	GF GU03
1/2"	GF BU04	GF GU04
3/4"	GF BU06	GF GU06
1"	GF BU08	GF GU08
1-1/4"	GF BU10	GF GU10
1-1/2"	GF BU12	GF GU12
2"	GF BU16	GF GU16
2-1/2"	GF BU20	GF GU20
3"	GF BU24	GF GU24
4"	GF BU32	--

REDUCING TEE, BLACK

PART #	SIZE \ IN.	PART #	SIZE / IN.	PART #	SIZE / IN.
BT010102	1/8 x 1/8 x 1/4	BT100410	1-1/4 x 1/2 x 1-1/4	BT161216	2 x 2-1/2 x 2
BT020201	1/4 x 1/4 x 1/8	BT100606	1-1/4 x 3/4 x 3/4	BT161604	2 x 2 x 1/2
BT020203	1/4 x 1/4 x 3/8	BT100608	1-1/4 x 3/4 x 1	BT161606	2 x 2 x 3/4
BT030202	3/8 x 1/4 x 1/4	BT100610	1-1/4 x 3/4 x 1-1/4	BT161608	2 x 2 x 1
BT030203	3/8 x 1/4 x 3/8	BT100804	1-1/4 x 1 x 1/2	BT161610	2 x 2 x 1-1/4
BT030302	3/8 x 3/8 x 1/4	BT100806	1-1/4 x 1 x 3/4	BT161612	2 x 2 x 1-1/2
BT030304	3/8 x 3/8 x 1/2	BT100808	1-1/4 x 1 x 1	BT161620	2 x 2 x 2-1/2
BT040204	1/2 x 1/4 x 1/2	BT100810	1-1/4 x 1 x 1-1/4	BT201216	2 x 1-1/2 x 2
BT040303	1/2 x 3/8 x 3/8	BT101004	1-1/4 x 1-1/4 x 1/4	BT201220	2-1/2 x 1-1/2 x 2-1/2
BT040304	1/2 x 3/8 x 1/2	BT101006	1-1/4 x 1-1/4 x 3/4	BT201616	2-1/2 x 2 x 2
BT040402	1/2 x 1/2 x 1/8	BT101008	1-1/4 x 1-1/4 x 1	BT201620	2-1/2 x 1-1/2 x 2-1/2
BT040403	1/4 x 1/4 x 3/8	BT101012	1-1/4 x 1-1/4 x 1-1/2	BT202006	2-1/2 x 2-1/2 x 3/4
BT040406	1/2 x 1/2 x 3/4	BT120412	1-1/2 x 1/2 x 1-1/2	BT202008	2-1/2 x 2-1/2 x 1
BT040408	1/2 x 1/2 x 1	BT120606	1-1/2 x 3/4 x 3/4	BT202010	2-1/2 x 2-1/2 x 1-1/4
BT060206	3/4 x 1/4 x 3/4	BT120612	1-1/2 x 3/4 x 1-1/2	BT202012	2-1/2 x 2-1/2 x 1-1/2
BT060303	3/4 x 3/8 x 3/8	BT120808	1-1/2 x 1/1	BT202016	2-1/2 x 2-1/2 x 2
BT060306	3/4 x 3/8 x 3/4	BT120810	1-1/2 x 1 x 1-1/4	BT202024	2-1/2 x 2-1/2 x 3
BT060404	3/4 x 1/2 x 1/2	BT120812	1-1/2 x 1 x 1-1/2	BT241616	3 x 1 x 1
BT060406	3/4 x 1/2 x 3/4	BT121004	1-1/2 x 1-1/4 x 1/4	BT241624	3 x 1 x 3
BT060408	3/4 x 1/2 x 1	BT121006	1-1/2 x 1-1/4 x 3/4	BT242016	3 x 2-1/2 x 1
BT060602	3/4 x 3/4 x 1/8	BT121008	1-1/2 x 1-1/4 x 1	BT242020	3 x 2-1/2 x 2-1/2
BT060603	3/4 x 3/4 x 3/8	BT121010	1-1/2 x 1-1/4 x 1-1/4	BT242406	3 x 3 x 3/4
BT060604	3/4 x 3/4 x 1/2	BT121012	1-1/2 x 1-1/4 x 1-1/2	BT242408	3 x 3 x 1
BT060608	3/4 x 3/4 x 1	BT121204	1-1/2 x 1-1/2 x 1/2	BT242410	3 x 3 x 1-1/4
BT060610	3/4 x 3/4 x 1-1/4	BT121206	1-1/2 x 1-1/2 x 3/4	BT242412	3 x 3 x 1-1/2
BT080208	1 x 1/8 x 1	BT121208	1-1/2 x 1-1/2 x 1	BT242416	3 x 3 x 2
BT080404	1 x 1/2 x 1/2	BT121210	1-1/2 x 1-1/2 x 1-1/4	BT242420	3 x 3 x 2-1/2
BT080406	1 x 1/2 x 3/4	BT121216	1-1/2 x 1-1/2 x 2	BT242432	3 x 3 x 4
BT080408	1 x 1/2 x 1	BT160416	2 x 1/2 x 2	BT322032	4 x 2-1/2 x 4
BT080604	1 x 3/4 x 1/2	BT160616	2 x 3/4 x 2	BT322432	4 x 3 x 4
BT080606	1 x 3/4 x 3/4	BT160808	2 x 1 x 1	BT323212	4 x 4 x 1-1/2
BT080608	1 x 3/4 x 1	BT160812	2 x 1 x 1-1/4	BT323216	4 x 4 x 2
BT080802	1 x 1 x 1/8	BT160816	2 x 1 x 2	BT323220	4 x 4 x 2-1/2
BT080803	1 x 1 x 3/8	BT161008	2 x 1-1/4 x 1	BT323224	4 x 4 x 3
BT080804	1 x 1 x 1/2	BT161010	2 x 1-1/4 x 1-1/4	BT484816	6 x 6 x 1
BT080806	1 x 1 x 3/4	BT161012	2 x 1-1/4 x 1-1/2	BT484820	6 x 6 x 2-1/2
BT080810	1 x 1 x 1-1/4	BT161016	2 x 1-1/4 x 2	BT484824	6 x 6 x 3
BT080812	1 x 1 x 1-1/2	BT161208	2 x 1-1/2 x 1	BT484832	6 x 6 x 4
BT080816	1 x 1 x 2	BT161210	2 x 1-1/2 x 1-1/4		
BT100408	1-1/2 x 1/2 x 1	BT161212	2 x 1-1/2 x 12		



PIPE FITTINGS

8-21



REDUCING TEES

CAST IRON

PART #	SIZE \ IN.	PART #	SIZE / IN.	PART #	SIZE / IN.	PART #	SIZE / IN.
CT040402	1/2 x 1/2 x 1/4	CT121006	1-1/2 x 1-1/4 x 3/4	CT200816	2-1/2 x 1 x 2	CT242420	3 x 3 x 2-1/2
CT040406	1/2 x 1/2 x 3/4	CT121008	1-1/2 x 1-1/4 x 1	CT200820	2-1/2 x 1 x 2-1/2	CT242432	3 x 3 x 4
CT060404	3/4 x 1/2 x 1/2	CT121010	1-1/2 x 1-1/4 x 1-1/4	CT201012	2-1/2 x 1-1/4 x 1-1/2	CT320632	4 x 3/4 x 4
CT060406	3/4 x 1/2 x 3/4	CT121012	1-1/2 x 1-1/4 x 1-1/2	CT201016	2-1/2 x 1-1/4 x 2	CT321616	4 x 2 x 2
CT060604	3/4 x 3/4 x 1/2	CT121016	1-1/2 x 1-1/4 x 2	CT201020	2-1/2 x 1-1/4 x 2-1/2	CT321620	4 x 2 x 2-1/2
CT060608	3/4 x 3/4 x 1	CT121204	1-1/2 x 1-1/2 x 1/2	CT201212	2-1/2 x 1-1/2 x 1-1/2	CT321624	4 x 2 x 3
CT080404	1 x 1/2 x 1/2	CT121206	1-1/2 x 1-1/2 x 3/4	CT201216	2-1/2 x 1-1/2 x 2	CT321632	4 x 2 x 4
CT080406	1 x 1/2 x 3/4	CT121208	1-1/2 x 1-1/2 x 1	CT201220	2-1/2 x 1-1/2 x 2-1/2	CT322020	4 x 2-1/2 x 2-1/2
CT080408	1 x 1/2 x 1	CT121210	1-1/2 x 1-1/2 x 1/4	CT201224	2-1/2 x 1-1/2 x 3	CT322024	4 x 2-1/2 x 3
CT080604	1 x 3/4 x 1/2	CT121216	1-1/2 x 1-1/2 x 2	CT201604	2-1/2 x 2 x 1/2	CT322032	4 x 2-1/2 x 4
CT080606	1 x 3/4 x 3/4	CT160416	2 x 1/2 x 2	CT201606	2-1/2 x 2 x 3/4	CT322410	4 x 3 x 1-1/4
CT080608	1 x 3/4 x 1	CT160612	2 x 3/4 x 1-1/2	CT201608	2-1/2 x 2 x 1	CT322412	4 x 3 x 1-1/2
CT080804	1 x 1 x 1/2	CT160616	2 x 3/4 x 2	CT201610	2-1/2 x 2 x 1-1/4	CT322416	4 x 3 x 2
CT080806	1 x 1 x 3/4	CT160808	2 x 1 x 1	CT201612	2-1/2 x 2 x 1-1/2	CT322420	4 x 3 x 2-1/2
CT080810	1 x 1 x 1-1/4	CT160810	2 x 1 x 1-1/4	CT201616	2-1/2 x 2 x 2	CT322424	4 x 3 x 3
CT100408	1-1/4 x 1/2 x 1	CT160812	2 x 1 x 1-1/2	CT201620	2-1/2 x 2 x 2-1/2	CT322432	4 x 3 x 4
CT100410	1-1/4 x 1/2 x 1-1/4	CT160816	2 x 1 x 2	CT201624	2-1/2 x 2 x 3	CT323206	4 x 4 x 3/4
CT100606	1-1/4 x 3/4 x 3/4	CT161006	2 x 1-1/4 x 3/4	CT202004	2-1/2 x 2-1/2 x 1/2	CT323210	4 x 4 x 1-1/4
CT100608	1-1/4 x 3/4 x 1	CT161008	2 x 1-1/4 x 1	CT202006	2-1/2 x 2-1/2 x 3/4	CT323212	4 x 4 x 1-1/2
CT100610	1-1/4 x 3/4 x 1-1/4	CT161010	2 x 1-1/4 x 1-1/4	CT202008	2-1/2 x 2-1/2 x 1	CT323216	4 x 4 x 2
CT100804	1-1/4 x 1 x 1/2	CT161012	2 x 1-1/4 x 1-1/2	CT202010	2-1/2 x 2-1/2 x 1-1/4	CT323220	4 x 4 x 2-1/2
CT100806	1-1/4 x 1 x 3/4	CT161016	2 x 1-1/4 x 2	CT202012	2-1/2 x 2-1/2 x 1-1/2	CT323224	4 x 4 x 3
CT100808	1-1/4 x 1 x 1	CT161204	2 x 1-1/2 x 1/2	CT202016	2-1/2 x 2-1/2 x 2	CT323240	4 x 4 x 5
CT100810	1-1/4 x 1 x 1-1/4	CT161206	2 x 1-1/2 x 3/4	CT202024	2-1/2 x 2-1/2 x 3	CT402040	5 x 2-1/2 x 5
CT100812	1-1/4 x 1 x 1-1/2	CT161208	2 x 1-1/2 x 1	CT241024	3 x 1-1/4 x 3	CT402440	5 x 3 x 5
CT101004	1-1/4 x 1-1/4 x 1/2	CT161210	2 x 1-1/2 x 1-1/4	CT241220	3 x 1-1/2 x 2-1/2	CT404248	5 x 5-1/4 x 6
CT101006	1-1/4 x 1-1/4 x 3/4	CT161212	2 x 1-1/2 x 1-1/2	CT241224	3 x 1-1/2 x 3	CT403240	5 x 4 x 5
CT101008	1-1/4 x 1-1/4 x 1	CT161216	2 x 1-1/2 x 2	CT241612	3 x 2 x 1-1/2	CT403248	5 x 4 x 6
CT101012	1-1/4 x 1-1/4 x 1-1/2	CT161604	2 x 2 x 1/2	CT241616	3 x 2 x 2	CT404020	5 x 5 x 2-1/2
CT120410	1-1/2 x 1/2 x 1-1/4	CT161606	2 x 2 x 3/4	CT241620	3 x 2 x 2-1/2	CT404024	5 x 5 x 3
CT120412	1-1/2 x 1/2 x 1-1/2	CT161608	2 x 2 x 1	CT241624	3 x 2 x 3	CT404032	5 x 5 x 4
CT120612	1-1/2 x 3/4 x 1-1/2	CT161610	2 x 2 x 1-1/4	CT242016	3 x 2-1/2 x 2	CT404048	5 x 5 x 6
CT120804	1-1/2 x 1 x 1/2	CT161612	2 x 2 x 1-1/2	CT242020	3 x 2-1/2 x 2-1/2	CT404848	5 x 6 x 6
CT120806	1-1/2 x 1-1/2 x 3/4	CT161620	2 x 2 x 2-1/2	CT242024	3 x 2-1/2 x 3	CT483232	6 x 4 x 4
CT120808	1-1/2 x 1 x 1	CT161624	2 x 2 x 3	CT242406	3 x 3 x 3/4	CT484020	6 x 5 x 2-1/2
CT120810	1-1/2 x 1 x 1-1/4	CT161632	2 x 2 x 4	CT242408	3 x 3 x 1	CT484040	6 x 5 x 5
CT120812	1-1/2 x 1 x 1-1/2	CT200416	2-1/2 x 1/2 x 2	CT242410	3 x 3 x 1-1/4	CT484832	6 x 6 x 4
CT120816	1-1/2 x 1 x 2	CT200420	2-1/2 x 1/2 x 2-1/2	CT242412	3 x 3 x 1-1/2	CT484840	6 x 6 x 5
CT121004	1-1/2 x 1-1/4 x 1/2	CT200620	2-1/2 x 3/4 x 2-1/2	CT242416	3 x 3 x 2	CT484864	6 x 6 x 8

PIPE NIPPLES

BLACK & GALVANIZED NIPPLES



BLACK	SIZE	GALV.	BLACK	SIZE	GALV.
B01xCL	1/8 x cl.	--	B03x035	3/8 x 3-1/2	--
B01x015	1/8 x 1-1/2	--	B03x040	3/8 x 4	--
B01x020	1/8 x 2	--	B03x045	3/8 x 4-1/2	--
B01x025	1/8 x 2-1/2	--	B03x050	3/8 x 5	--
B01x030	1/8 x 3	--	B03x055	3/8 x 5-1/2	--
B01x035	1/8 x 3-1/2	--	B03x060	3/8 x 6	--
B01x040	1/8 x 4	--	B03x065	3/8 x 6-1/2	--
B01x045	1/8 x 4-1/2	--	B03x070	3/8 x 7	--
B01x050	1/8 x 5	--	B03x075	3/8 x 7-1/2	--
B01x055	1/8 x 5-1/2	--	B03x080	3/8 x 8	--
B01x060	1/8 x 6	--	B03x085	3/8 x 8-1/2	--
B01x065	1/8 x 6-1/2	--	B03x090	3/8 x 9	--
B01x070	1/8 x 7	--	B03x095	3/8 x 9-1/2	--
B01x075	1/8 x 7-1/2	--	B03x100	3/8 x 10	--
B01x080	1/8 x 8	--	B03x105	3/8 x 10-1/2	--
B01x085	1/8 x 8-1/2	--	B03x110	3/8 x 11	--
B01x090	1/8 x 9	--	B03x115	3/8 x 11-1/2	--
B01x095	1/8 x 9-1/2	--	B03x120	3/8 x 12	--
B01x100	1/8 x 10	--	B04xCL	1/2 x cl.	--
B01x105	1/8 x 10-1/2	--	B04x015	1/2 x 1-1/2	G04x015
B01x110	1/8 x 11	--	B04x020	1/2 x 2	G04x020
B01x115	1/8 x 11-1/2	--	B04x025	1/2 x 2-1/2	G04x025
B02xCL	1/4 x cl.	--	B04x030	1/2 x 3	G04x030
B02x015	1/4 x 1-1/2	--	B04x035	1/2 x 3-1/2	G04x035
B02x020	1/4 x 2	--	B04x040	1/2 x 4	G04x040
B02x025	1/4 x 2-1/2	G02x025	B04x045	1/2 x 4-1/2	G04x045
B02x030	1/4 x 3	--	B04x050	1/2 x 5	G04x050
B02x035	1/4 x 3-1/2	G02x035	B04x055	1/2 x 5-1/2	G04x055
B02x040	1/4 x 4	--	B04x060	1/2 x 6	G04x060
B02x045	1/4 x 4-1/2	--	B04x065	1/2 x 6-1/2	G04x065
B02x050	1/4 x 5	G02x050	B04x070	1/2 x 7	G04x070
B02x055	1/4 x 5-1/2	--	B04x075	1/2 x 7-1/2	G04x075
B02x060	1/4 x 6	--	B04x080	1/2 x 8	G04x080
B02x065	1/4 x 6-1/2	--	B04x085	1/2 x 8-1/2	G04x085
B02x070	1/4 x 7	--	B04x090	1/2 x 9	G04x090
B02x075	1/4 x 7-1/2	--	B04x095	1/2 x 9-1/2	G04x095
B02x080	1/4 x 8	--	B04x100	1/2 x 10	G04x100
B02x085	1/4 x 8-1/2	--	B04x105	1/2 x 10-1/2	G04x105
B02x090	1/4 x 9	--	B04x110	1/2 x 11	G04x110
B02x095	1/4 x 10	--	B04x115	1/2 x 11-1/2	G04x115
B02x100	1/4 x 10-1/2	--	B04x120	1/2 x 12	G04x120
B02x105	1/4 x 10-1/2	--	B04x140	1/2 x 14	--
B02x110	1/4 x 11	--	B04x160	1/2 x 16	--
B02x115	1/4 x 11-1/2	--	B04x180	1/2 x 18	--
B02x120	1/4 x 12	--	B04x200	1/2 x 20	--
B03xCL	3/8 x cl.	--	B04x240	1/2 x 24	--
B03x015	3/8 x 1-1/2	--	B04x300	1/2 x 30	--
B03x020	3/8 x 2	--	B04x360	1/2 x 36	--
B03x025	3/8 x 2-1/2	--	B04x420	1/2 x 42	--
B03x030	3/8 x 3	--	B04x480	3/4 x 48	--

PIPE NIPPLES

8-23

BLACK & GALVANIZED NIPPLES



BLACK	SIZE	GALV.	BLACK	SIZE	GALV.
B06xc1	3/4 x cl.	G06XCL	B08x105	1 x 10-1/2	G08x105
B06x015	3/4 x 1-1/2	G06x015	B08x110	1 x 11	G08x110
B06X020	3/4 x 2	G06x020	B08x115	1 x 11-1/2	G08x115
B06x025	3/4 x 2-1/2	G06x025	B08x120	1 x 12	G08x120
B06x030	3/4 x 3	G06x030	B08x140	1 x 14	--
B06x035	3/4 x 3-1/2	G06x035	B08X160	1 x 16	--
B06x040	3/4 x 4	G06x040	B08x180	1 x 18	--
B06x045	3/4 x 4-1/2	G06x045	B08x200	1 x 20	--
B06x050	3/4 x 5	G06x050	B08X240	1 x 24	--
B06x055	3/4 x 5-1/2	G06x055	B08x300	1 x 30	--
B06x060	3/4 x 6	G06x060	B08x360	1 x 36	--
B06x065	3/4 x 6-1/2	G06x065	B08x420	1 x 42	--
B06x070	3/4 x 7	G06x070	B08X480	1 x 48	--
B06x075	3/4 x 7-1/2	G06x075	B10XCL	1-1/2 x cl.	G10xCL
B06x080	3/4 x 8	G06x080	B10x020	1-1/2 x 2	G10x020
B06x085	3/4 x 8-1/2	G06x085	B10x025	1-1/4 x 2-1/2	G10x025
B06x090	3/4 x 9	G06x090	B10X030	1-1/4 x 3	G10x030
B06x095	3/4 x 9-1/2	G06x095	B10X035	1-1/4 x 3-1/2	G10x035
B06x100	3/4 x 10	G06x100	B10x040	1-1/4 x 4	G10x040
B06x105	3/4 x 10-1/2	G06x105	B10x045	1-1/4 x 4-1/2	G10x045
B06x110	3/4 x 11	G06x110	B10x050	1-1/4 x 5	G10x050
B06x115	3/4 x 11-1/2	G06x115	B10x055	1-1/4 x 5-1/2	G10x055
B06x120	3/4 x 12	G06x120	B10x060	1-1/4 x 6	G10x060
B06x140	3/4 x 14	--	B10X065	1-1/4 x 6-1/2	G10x065
B06x160	3/4 x 16	--	B10X070	1-1/4 x 7	G10x070
B06x180	3/4 x 18	--	B10X075	1-1/4 x 7-1/2	G10x075
B06x200	3/4 x 20	--	B10x080	1-1/4 x 8	G10x080
B06x240	3/4 x 24	--	B10x085	1-1/4 x 8-1/2	G10x085
B06x300	3/4 x 30	--	B10X090	1-1/4 x 9	G10x090
B06x360	3/4 x 36	--	B10X095	1-1/4 x 9-1/2	G10x095
B06x400	3/4 x 40	--	B10x100	1-1/4 x 10	G10x100
B06x420	3/4 x 42	--	B10x105	1-1/4 x 10-1/2	G10x105
B06x480	3/4 x 48	--	B10x110	1-1/4 x 11	G10x110
B08x020	1 x 2	G08x020	B10x115	1-1/4 x 11-1/2	G10x115
B08x025	1 x 2-1/2	G08x025	B10x120	1-1/4 x 12	G10x120
B08x030	1 x 3	G08x030	B10X180	1-1/4 x 18	--
B08x035	1 x 3-1/2	G08x035	B10X200	1-1/4 x 20	--
B08x040	1 x 4	G08x040	B10X240	1-1/4 x 24	--
B08x045	1 x 4-1/2	G08x045	B810X300	1-1/4 x 30	--
B08x050	1 x 5	G08x050	B10X360	1-1/4 x 36	--
B08x055	1 x 5-1/2	G08x055	B10X420	1-1/4 x 42	--
B08x060	1 x 6	G08x060	B10X480	1-1/4 x 48	--
B08x065	1 x 6-1/2	G08x065	B12XCL	1-1/2 x cl.	G12xCL
B08x070	1 x 7	G08x070	B12X020	1-1/2 x 2	G12x020
B08x075	1 x 7-1/2	G08x075	B12X025	1-1/2 x 2-1/2	G12x025
B08x080	1 x 8	G08x080	B12X030	1-1/2 x 3	G12x030
B08x085	1 x 8-1/2	G08x085	B12X035	1-1/2 x 3-1/2	G12x035
B08x090	1 x 9	G08x090	B12X040	1-1/2 x 4	G12x040
B08x095	1 x 9-1/2	G08x095	B12x045	1-1/2 x 4-1/2	G12x045
B08x100	1 x 10	G08x100	B12X050	1-1/2 x 5	G12x050

PIPE NIPPLES

BLACK & GALVANIZED NIPPLES



BLACK	SIZE	GALV.	BLACK	SIZE	GALV.
B12x055	1-1/2 x 5-1/2	G12x055	B20xCL	2-1/2 x cl.	G20xCL
B12x060	1-1/2 x 6	G12x060	B20x020	2-1/2 x 2	G20x020
B12x065	1-1/2 x 6-1/2	G12x065	B20x025	2-1/2 x 2-1/2	G20x025
B12x070	1-1/2 x 7	G12x070	B20x030	2-1/2 x 3	G20x030
B12x075	1-1/2 x 7-1/2	G12x075	B20x035	2-1/2 x 3-1/2	G20x035
B12x080	1-1/2 x 8	G12x080	B20x040	2-1/2 x 4	G20x040
B12x085	1-1/2 x 8-1/2	G12x085	B20x045	2-1/2 x 4-1/2	G20x045
B12x090	1-1/2 x 9	G12x090	B20x050	2-1/2 x 5	G20x050
B12x095	1-1/2 x 9-1/2	G12x095	B20x055	2-1/2 x 5-1/2	G20x055
B12x100	1-1/2 x 10	G12x100	B20x060	2-1/2 x 6	G20x060
B12x105	1-1/2 x 10-1/2	G12x105	B20x065	2-1/2 x 6-1/2	G20x065
B12x110	1-1/2 x 11	G12x110	B20x070	2-1/2 x 7	G20x070
B12x115	1-1/2 x 11-1/2	G12x115	B20x075	2-1/2 x 7-1/2	G20x075
B12x120	1-1/2 x 12	G12x120	B20x080	2-1/2 x 8	G20x080
B12x180	1-1/2 x 18	--	B20x085	2-1/2 x 8-1/2	G20x085
B12x200	1-1/2 x 20	--	B20x090	2-1/2 x 9	G20x090
B12x240	1-1/2 x 24	--	B20x095	2-1/2 x 9-1/2	G20x095
B12x300	1-1/2 x 30	--	B20x100	2-1/2 x 10	G20x100
B12x360	1-1/2 x 36	--	B20x105	2-1/2 x 10-1/2	G20x105
B12x420	1-1/2 x 42	--	B20x110	2-1/2 x 11	G20x110
B12x480	1-1/2 x 48	--	B20x115	2-1/2 x 11-1/2	G20x115
B16xCL	2 x cl.	G16CL	B20x120	2-1/2 x 12	G20x120
B16x025	2 x 2-1/2	G16x025	B24xCL	3 x cl.	G24xCL
B16x030	2 x 3	G16x030	B24x030	3 x 3	G24x030
B16x035	2 x 3-1/2	G16x035	B24x035	3 x 3-1/2	G24x035
B16x040	2 x 4	G16x040	B24x040	3 x 4	G24x040
B16x045	2 x 4-1/2	G16x045	B24x045	3 x 4-1/2	G24x045
B16x050	2 x 5	G16x050	B24x050	3 x 5	G24x050
B16x055	2 x 5-1/2	G16x055	B24x055	3 x 5-1/2	G24x055
B16x060	2 x 6	G16x060	B24x060	3 x 6	G24x060
B16x065	2 x 6-1/2	G16x065	B24x065	3 x 6-1/2	G24x065
B16x070	2 x 7	G16x070	B24x070	3 x 7	G24x070
B16x075	2 x 7-1/2	G16x075	B24x075	3 x 7-1/2	G24x075
B16x080	2 x 8	G16x080	B24x080	3 x 8	G24x080
B16x085	2 x 8-1/2	G16x085	B24x085	3 x 8-1/2	G24x085
B16x090	2 x 9	G16x090	B24x090	3 x 9	G24x090
B16x095	2 x 9-1/2	G16x095	B24x095	3 x 9-1/2	G24x095
B16x100	2 x 10	G16x100	B24x100	3 x 10	G24x100
B16x105	2 x 10-1/2	G16x105	B24x105	3 x 10-1/2	G24x105
B16x110	2 x 11	G16x110	B24x110	3 x 11	G24x110
B16x115	2 x 11-1/2	G16x115	B24x115	3 x 11-1/2	G24x115
B16x120	2 x 12	G16x120	B24x120	3 x 12	G24x120
B16x180	2 x 12-1/2	--	B28xCL	3-1/2 x cl.	--
B16x200	2 x 20	--	B28x040	3-1/2 x 4	--
B16x240	2 x 24	--	B28x045	3-1/2 x 4-1/2	--
B16x300	2 x 30	--	B28x050	3-1/2 x 5	--
B16x360	2 x 36	--	B28x060	3-1/2 x 5-1/2	--
B16x420	2 x 42	--	B28x070	3-1/2 x 6	--
B16x480	2 x 48	--	B28x085	3-1/2 x 6-1/2	--

PIPE NIPPLES

8-25

BLACK & GALVANIZED NIPPLES



BLACK	SIZE	GALV.	BLACK	SIZE	GALV.
B28x110	3-1/2 x 11	--	B40x080	5 x 8	--
B32xCL	4 x cl.	--	B40x085	5 x 8-1/2	--
B32x035	4 x 3-1/2	--	B40x090	5 x 9	--
B32x040	4 x 4	--	B40x095	5 x 9-1/2	--
B32x045	4 x 4-1/2	--	B40x100	5 x 10	--
B32x050	4 x 5	--	B40x105	5 x 10-1/2	--
B32x055	4 x 5-1/2	--	B40x110	5 x 11	--
B32x060	4 x 6	--	B40x115	5 x 11-1/2	--
B32x065	4 x 6-1/2	--	B40x120	5 x 12	--
B32x070	4 x 7	--	B48xCL	6 x cl.	--
B32x075	4 x 7-1/2	--	B48x035	6 x 3-1/2	--
B32x080	4 x 8	--	B48x040	6 x 4	--
B32x085	4 x 8-1/2	--	B48x045	6 x 4-1/2	--
B32x090	4 x 9	--	B48x050	6 x 5	--
B32x100	4 x 10	--	B48x055	6 x 5-1/2	--
B32x105	4 x 10-1/2	--	B48x060	6 x 6	--
B32x110	4 x 11	--	B48x065	6 x 6-1/2	--
B32x115	4 x 11-1/2	--	B48x070	6 x 7	--
B32x120	4 x 12	--	B48x075	6 x 7-1/2	--
B40xCL	5 x cl.	--	B48x080	6 x 8	--
B40x035	5 x 3-1/2	--	B48x085	6 x 8-1/2	--
B40x040	5 x 4	--	B48x090	6 x 9	--
B40x045	5 x 4-1/2	--	B48x095	6 x 9-1/2	--
B40x050	5 x 5	--	B48x100	6 x 10	--
B40x055	5 x 5-1/2	--	B48x105	6 x 10-1/2	--
B40x060	5 x 6	--	B48x110	6 x 11	--
B40x065	5 x 6-1/2	--	B48x115	6 x 11-1/2	--
B40x070	--	--	B48x120	6 x 12	--
B40x075	--	--			

NIPPLE PAKS & PIPE LENGTHS

BLACK & GALVANIZED NIPPLES SINGLE RUN (1 ea. CLOSE TO SIX)

BLACK	SIZE	GALV.
B04SR	1/2"	G04SR
B06SR	3/4"	G06SR
B08SR	1"	G08SR
B10SR	1-1/4"	G10SR
B12SR	1-1/2"	G12SR
B16SR	2"	G16SR



BLACK & GALVANIZED STEP SAVER (CLOSE TO SIX)

BLACK	SIZE	QTY. EA. LENGTH	GALV.
B04STEP	1/2"	6	G04STEP
B06STEP	3/4"	6	G06STEP
B08STEP	1"	5	G08STEP
B10STEP	1-1/4"	3	G10STEP
B12STEP	1-1/2"	3	G12STEP

BLACK -21' LENGTH*

PART #	SIZE
B04	1/2"
B06	3/4"
B08	1"
B10	1-1/4"
B12	1-1/2"
B16	2"

BLACK -10' LENGTH*

PART #	SIZE
B04	1/2"
B06	3/4"
B08	1"

PART #	SIZE
B10	1-1/4"
B12	1-1/2"
B16	2'

GALVANIZED -21' LENGTH*

PART #	SIZE
G04	1/2"
G06	3/4"
G08	1"

PART #	SIZE
G10	1-1/4"
G12	1-1/2"
G16	2'

*CUT TO ORDER LENGTHS AVAILABLE AT AN ADDITIONAL CHARGE.

RADIATOR VALVES & ACCESSORIES

BRONZE RADIATOR VALVES

STEAM

PART #	SIZE
T431 - 1/2	1/2"
T431 - 3/4	3/4"
T431 - 1	1"
T431 - 1-1/4	1-1/4"
T431 - 1-1/2	1-1/2"
T431 - 2	2"



BRONZE RADIATOR ELBOWS

SCREWED CONNECTION

PART #	SIZE
T438 - 1/2	1/2"
T438 - 3/4	3/4"
T438 - 1	1"
T438 - 1-1/4	1-1/4"



SWEAT CONNECTION

PART #	SIZE
S438 - 1/2	1/2"
S438 - 3/4	3/4"

BRONZE RADIATOR VALVES

HOT WATER ANGLE VALVE

PART #	SIZE
T437 - 1/2	1/2"
T437 - 3/4	3/4"
T437 - 1	1"
T437 - 1-1/4	1-1/4"
T437 - 2	2"



SWEAT CONNECTION

PART #	SIZE
S437 - 1/2	1/2"
S437 - 3/4	3/4"

STANDARD STEAM COCK



NO. 46-100
125 P.S.I.

PART #	SIZE
46-102-01	3/8"
46-103-01	1/2"
46-104-01	3/4"
46-105-01	1"



PILOT GAS VALVES



MANUAL SHUT-OFF

MANUAL VALVES SHOWN HERE ARE DESIGNED FOR FURNACE, BOILER, WATER HEATERS, AND OTHER GENERAL HEATING APPLICATIONS.



215-100 and 101



215-102, 103 and 104

PART #	N.P.T. INCH SIZE	CAP. BTU/HR @ 1.0" PRESSURE DROP
215-101	1/2 x 1/2	685,000
215-102	3/4 x 3/4	1,395,000
215-103	1 x 1	1,800,000
215-104	1-1/4 x 1-1/4	2,800,000

MANUAL SHUT-OFF VALVES

1-1/4" - 2-1/2"



PART #	SIZE
50-GB6-02	1-1/4"
50-GB7-02	1-1/2"
50-GB8-02	2"
50-803-02	2-1/2"

BOILER RELIEF VALVES & ACCESSORIES

A.S.M.E. SAFETY RELIEF VALVES

PART #	DESCRIPTION	LBS/HR
10-408-05	3/4" @ 30 psi	550



10 SERIES

WATER HEATER DRAIN VALVES

PART #	SIZE
31-612-01	3/4" x 3"



NO. 31-600 SERIES

LOW PRESSURE SAFETY VALVES

PART #	DESCRIPTION	LBS/HR
13-211-08	3/4" @ 15 psi	475
13-202-08	1" @ 15 psi	643
13-213-08	1-1/4" @ 15 psi	1200
13-214-08	1-1/2" @ 15 psi	1900



13 SERIES

BALANCING VALVES

PART #	SIZE
58-003-01	1/2"
58-004-01	3/4"



NO. 58 SERIES

PART #	DESCRIPTION	LBS/HR
12-205-08	2" @ 15 psi	2500
12-206-08	2-1/2" @ 15 psi	3529
12-206-08	3" @ 15 psi	4100



12 SERIES

AIR COCKS

PART #	SIZE
41-060-01*	1/8"
41-070-01*	1/4"
41-380-01	1/4"
41-390-01	3/8"



TEE HANDLE FEMALE

*MPT

PART #	DESCRIPTION	LBS/HR
14-205-00	2" @ 15 psi	3150
14-206-08	2-1/2" @ 15 psi	4676
14-207-11	3" @ 15 psi	6843



14 SERIES

ROUGH BRONZE WATER GAUGES

PART #	DESCRIPTION
20-104-00	1/2 x 12
20-207-00*	3/4 x 16



20-100 SERIES
STANDARD PATTERN

*HEAVY PATTERN

COMPRESSION GAUGE COCKS

PART #	SIZE
26-302-28	3/8"
26-305-28	1/2"



26-100 SERIES
125 POUNDS
SOFT METAL SEAT

VALVES & ACCESSORIES

BRASS LEVER HANDLE GAS COCK

PART #	SIZE
58L003	1/2"
58L004	3/4"
58L005	1"
58L006	1-1/4"



AGA APPROVED GAS RANGE CONNECTORS

PART #	SIZE / LENGTH
20-3132-12	1/2" / 12"
20-3132-18	1/2" / 18"
20-3132-24	1/2" / 24"
20-3132-36	1/2" / 36"
20-3132-48	1/2" / 48"
20-3132-60	1/2" / 60"



PART #	SIZE / LENGTH
30-4142-18	3/4" / 18"
30-4142-24	3/4" / 24"
30-4142-30	3/4" / 30"
30-4142-36	3/4" / 36"
30-4142-48	3/4" / 48"
30-4142-60	3/4" / 60"

QUICK OPENING IPS BRASS GATE VALVE

PART #	SIZE
HF 1801	3/4"
HF 1802	1"
HF 1803	1-1/4"
HF 1804	1-1/2"
HF 1805	2"



COPPER-FLEX CONNECTORS FOR WATER HEATERS

PART #	SIZE / LENGTH
8612	3/4" / 12"
8615	3/4" / 15"
8618	3/4" / 18"



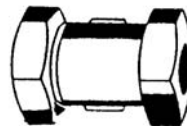
HEAVY STEEL HINGED PIPE REPAIR CLAMP

PART #	SIZE
HF 1530	1/2"
HF 1531	3/4"
HF 1532	1"
HF 1533	1-1/4"
HF 1534	1-1/4"



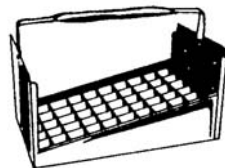
GALVANIZED COMPRESSION COUPLINGS

PART #	SIZE
2103	1"
2104	1-1/4"
2105	1-1/2"
2108	3"



HEAVY PATTERN STEEL NIPPLE "TOTE" TRAY CADDY

PART #	SIZE
HF 3500	1/2"
HF 3501	3/4"
HF 3502	1"
HF 3503	1-1/4"
HF 3504	1-1/2"
HF 3505	2"



ALUMINUM TUBING

PART #	SIZE / LENGTH
11-291	1/8" @ 50'
11-294	1/4" @ 5' W/Nuts
11-193	1/4" @ 50'
11-194	5/16" @ 50'
11-195	3/8" @ 50'
11-198	5/8" @ 50'



AIR MOVING ACCESSORIES

V-BELTS

Oil and heat resistant. Static dissipating.
A Sectional Classical V-Belts



1/2" TOP x 5/16" THICK x 40° ANGLE

PART #	OUTSIDE LENGTH	PART #	OUTSIDE LENGTH	PART #	OUTSIDE LENGTH
--	21"	4L360 (A34)	36"	4L500 (A48)	50"
--	22"	4L370 (A35)	37"	4L510 (A49)	51"
--	23"	4L380 (A36)	38"	4L520 (A50)	52"
--	24"	4L390 (A37)	39"	4L530 (A51)	53"
4L250	25"	4L400 (A38)	40"	4L540 (A52)	54"
4L260	26"	4L410 (A39)	41"	4L550 (A53)	55"
4L270	27"	4L420 (A40)	42"	4L560 (A54)	56"
4L280 (A26)	28"	4L430 (A41)	43"	4L570 (A55)	57"
4L290 (A27)	29"	4L440 (A42)	44"	4L580 (A56)	58"
4L300 (A28)	30"	4L450 (A43)	45"	4L590 (A57)	59"
4L310 (A29)	31"	4L460 (A44)	46"	4L600 (A58)	60"
4L320 (A30)	32"	4L470 (A45)	47"	4L610 (A59)	61"
4L330 (A31)	33"	4L480 (A46)	48"	4L620 (A60)	62"
4L340 (A32)	34"	4L490 (A47)	49"	4L630 (A61)	63"
4L350 (A33)	35"			4L640 (A62)	64"
				4L650 (A63)	65"

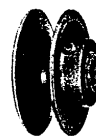


CAST IRON FHP PULLEYS SINGLE GROOVE FOR "4L" BELTS

FEATURES:

- SHEAVES ARE EQUIPPED WITH SQUARE HEAD SET SCREWS WITH NO KEY SEAT.

PART #	BORE SIZE	DIAMETER	
		O.D.	PITCH
M05P10	5/8"	4.93"	5"
M06P-10	5/8"	5.93"	6"
M06P-16	1"	5.93"	6"
M07P-10	5/8"	6.93"	7"
M08P-10	5/8"	7.93"	8"
M12P-12	3/4"	11.93	12"
M12P-16	1"	11.93	12"



CAST IRON FHP SHEAVES SINGLE GROOVE FOR "4L" BELTS

FEATURES:

- ALL SHEAVES FITTED WITH HOLLOW HEAD SET SCREWS
- ANY STANDARD SINGLE GROOVESHEAVE CAN BE USED AS COMPANION SHEAVE.

PART #	BORE SIZE	DIAMETER	
		O.D.	PITCH
M44V-10	5/8"	4.15"	2.8 to 3.8
M50W-12	3/4"	4.75"	3.4 to 4.4



AIR FILTERS*



DISPOSABLE FIBERGLASS PANEL FILTERS

Dimensions

10 x 20 x 1	14 x 20 x 1	16 x 16 x 1	18 x 24 x 1	20 x 25 x 2
10 x 20 x 2	14 x 20 x 2	16 x 16 x 2	18 x 24 x 2	20 x 30 x 1
10 x 24 x 1	14 x 24 x 1	16 x 20 x 1	18 x 25 x 1	22 x 22 x 1
10 x 25 x 1	14 x 25 x 1	16 x 20 x 2	18 x 30 x 1	24 x 24 x 1
12 x 12 x 1	14 x 25 x 2	16 x 22-1/4 x 1	20 x 20 x 1	24 x 24 x 2
12 x 20 x 1	14 x 30 x 1	16 x 24 x 1	20 x 20 x 2	24 x 30 x 1
12 x 24 x 1	15 x 20 x 1	16 x 24 x 2	20 x 21 x 1	24 x 36 x 1
12 x 24 x 2	15 x 24 x 1	16 x 25 x 1	20 x 21 x 2	25 x 25 x 1
12 x 25 x 1	15 x 24 x 2	16 x 30 x 1	20 x 24 x 1	25 x 25 x 2
12 x 30 x 1	15 x 25 x 1	16 x 25 x 2	20 x 24 x 2	
14 x 14 x 1	15 x 30 x 1	18 x 22 x 1	20 x 25 x 1	

PERMANENT METAL AIR FILTERS

PART # / SIZE	PART # / SIZE
FA 10-1/2 x 26 x 1	FA 19-1/2 x 29-1/2 x 1
FA 14 x 16 x 1	FA 20 x 20 x 1
FA 15 x 24 x 1	FA 20 x 20 x 2
FA 15-1/2 x 24 x 1	FA 20 x 24 x 1
FA 15 x 25 x 1	FA 20 x 25 x 1
FA 16 x 16 x 1	FA 20 x 25 x 2
FA 16 x 18 x 1	FA 20 x 28 x 1
FA 16 x 20 x 1	FA 20 x 29 x 1
FA 16 x 25 x 1	FA 24 x 24 x 1
FA 16 x 25 x 2	FA 25 x 25 x 1
FA 19-1/2 x 24-1/2 x 1	FA 25 x 33 x 1
	FA 27-1/2 x 23-1/2 x 1

* OTHER SIZES AVAILABLE ON SPECIAL REQUEST.

BALL, GATE & SWING CHECK VALVES

FORGED BRASS BALL VALVE – I.P.S.

ALL PURPOSE – 100% PORT

PART # / SIZE

T100-1/4
T100-3/8
T100-1/2
T100-3/4
T100-1
T100-1-1/4
T100-1-1/2
T100-2
T100-2-1/2
T100-3



MODEL
T-100

AGA, UL AND FM LISTED

FORGED BRASS BALL VALVE – C x C

ALL PURPOSE – 100% PORT

PART # / SIZE

S100-1/2
S100-3/4
S100-1
S100-1-1/4
S100-1-1/2
S100-2
S100-2-1/2
S100-3



MODEL
S-100

UL AND FM LISTED

CAST BRASS GATE VALVE – I.P.S.

PART # / SIZE

T301-1/4
T301-3/8
T301-1/2
T301-3/4
T301-1
T301-1-1/4
T301-1-1/2
T301-2
T301-2-1/2
T301-3



MODEL
T-301

CAST BRASS GATE VALVE – C x C

PART # / SIZE

S301-1/2
S301-3/4
S301-1
S301-1-1/4
S301-1-1/2
S301-2
S301-2-1/2
S301-3



MODEL
S-301

BRASS SWING CHECK VALVE - I.P.S.

PART # / SIZE

T501-1/2
T501-3/4
T501-1
T501-1-1/4
T501-1-1/2
T501-2
T501-2-1/2



MODEL
T-501

BRASS SWING CHECK VALVE - C x C.

PART # / SIZE

S501-1/2
S501-3/4
S501-1
S501-1-1/4
S501-1-1/2
S501-2



MODEL
S-501

VALVES & ACCESSORIES

T-HANDLE GAS COCKS

PART # / SIZE

T204-1/2
T204-3/4



MODEL
T-204

BRONZE Y-PATTERN CHECK VALVE

PART # / SIZE

T511-1/2
T511-3/4
T511-1
T511-1-1/4
T511-2



MODEL
T-511

BRASS STOP & WASTE VALVES

PART # / SIZE

T611-1/2
T611-3/4



MODEL
T-611

BRASS BOILER DRAINS MPT

PART # / SIZE

T621-1/2
T621-3/4



MODEL
T-621

DIELECTRIC UNIONS



PART#	SIZE
701-103	1/2"
701-104	3/4"
701-105	1"
701-106	1-1/4"
701-107	1-1/2"
701-108	2"

GASKETS

PART#	SIZE
701-603	1/2"
701-604	3/4"
701-605	1"
701-606	1-1/4"
701-607	1-1/2"
701-608	2"

BRASS SILLCOCKS

PART # / SIZE

T641-1/2
T641-3/4



MODEL
T-641

BRASS BOILER DRAINS FPT

PART # / SIZE

T622-1/2
T622-3/4



MODEL
T-622

AIR MOVING ACCESSORIES



BEARINGS

CARTRIDGE TYPE BEARINGS

WILL FIT ANY "SPIDER TYPE" BRACKET USED ON 9," 10," AND 12." PACKAGED IN PAIRS.



PART #	DESCRIPTION	O.D.
38-2091-01	3/4" W/ THRUST COLLAR	1-13/16
38-2272-01	3/4" W/ JOURNAL	1-13/16
38-2090-01	1"	1-13/16

SEALED TYPE BEARINGS

SELF-ALIGNING POROUS BRONZE SLEEVE PRESSED IN HOUSING.

PART #	DESCRIPTION	O.D.
38-2443-01	5/8" SHAFT	1-13/16
38-2443-02	3/4" SHAFT	1-13/16
M90-121	3/4" SHAFT	2-1/16
38-2443-03	1" SHAFT	1-13/16
M90-122	1" SHAFT	2-1/16

SEALED BEARINGS WITH INSULATOR

FOR USE WHERE OPERATING CONDITIONS EXCEED THE LIMITS OF SLEEVE BEARINGS OR WHERE REPETITIVE FAILURES OCCUR.

PART #	DESCRIPTION	O.D.
38-2588-01	3/4" SHAFT	1-13/16
38-2590-01	1" SHAFT	2-17/32
38-2569-01	1-3/16" SHAFT	2-17/32



OIL TYPE BEARINGS

SELF ALIGNING, SELF OILING

PART #	DESCRIPTION	O.D.
38-2404-01	5/8" SHAFT	1-13/16
38-2442-01	3/4" SHAFT	1-13/16
38-2442-02	1" SHAFT	2-1/2

OIL TYPE BEARINGS

SELF-ALIGNING, SELF-OILING WITH SINTERED BRONZE BUSHINGS AND DRIVE TYPE OIL CUPS.

PART #	DESCRIPTION	O.D.
M90-120	3/4" SHAFT	1-13/16
38-2450-01	3/4" SHAFT	1-13/16
M90-103	3/4" SHAFT	2-1/16
38-2449-01	1" SHAFT	1-13/16
M90-105	1" SHAFT	2-1/16
38-2094-01	1" HEAVY DUTY	2-1/2

SHAFTS

PART #	SIZE
38-2205-01	5/8" x 20"
38-2096-01	3/4" x 20"
38-2095-01	1" x 25"

PILLOW BLOCK BEARINGS

SELF-ALIGNING, STATIC FREE AND QUIET OPERATING. TWO 1/8" RUBBER SPACERS PROVIDED FOR USE AS NEEDED.

PART #	DESCRIPTION
38-2204-01	5/8" SHAFT
38-2086-01	3/4" SHAFT
38-2087-01	1" SHAFT
38-2093-01	1" HEAVY DUTY



PILLOW BLOCK BALL BEARINGS

PERMANENTLY SEALED AND LUBRICATED RUBBER MOUNTED OIL-RESISTANT ISOLATOR.

PART #	SHAFT DIA.	SPREAD	HOLE SIZE	SHAFT HEIGHT
LAU 38-2568-01	1"	3-7/8 - 4-1/8	9/16 x 13/32	1-7/16
LAU 38-2569-01	1-13/16"	4-1/2 - 4-3/4	3/4 x 9/16	1-11/16



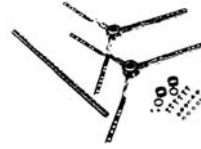
AIR MOVING ACCESSORIES

VIBRO-PADS

ELIMINATES NOISE, VIBRATION AND WEAR ON BLOWERS, FANS, MOTORS ETC.



PART #	DESCRIPTION
38-2209-01	12 PER PACKAGE



BEARING BRACKET KIT

ARMS CAN BE CUT TO FIT MOST BLOWERS.
INCLUDES SHAFT AND HARDWARE.

PART #	DESCRIPTION
029175-01	3/4" BORE
029176-01	1" BORE

MOTOR ADJUSTMENT GROMMETS

REDUCES MOTOR VIBRATION AND NOISE.



PART #	DESCRIPTION
38-2525-01	6 PER BAG

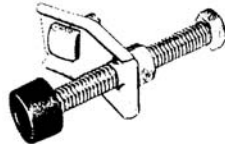


DIRECT DRIVE MOTOR MOUNTING BRACKET

PART #	DESCRIPTION
UE 1479	FOR 10" BLOWER
026126-01	FOR 12" BLOWER

MOTOR ADJUSTMENT KIT

TAILPIECE ASSEMBLY FOR PROPER BELT TENSION ADJUSTMENT



PART #
38-2523-01



THRUST SLEEVE AND SPACER KIT

ELIMINATES END PLAY ON END SUPPORTED BLOWER WHEELS

PART #	DESCRIPTION
38-2203-01	3/4" SHAFT

THRUST SPACER KIT

ONE DOZEN PER PACKAGE



PART #	DESCRIPTION
38-2491-02	3/4" SHAFT
38-2491-03	1" SHAFT



THRUST COLLAR KIT

PART #	DESCRIPTION
38-2431-01	5/8" SHAFT
38-2206-01	3/4" SHAFT
38-2207-01	1" SHAFT

ACCESSORIES



Below Zero PVC Cement

For PVC types I & II, potable water and SW pipe and fittings up to 6" in diameter.



PART #	DESCRIPTION
60142	1/2 Pint
60145	1 Pint

Purple Primer - NSF Listed

Hi-etch primer for use on both PVC and CPVC pipe, tubing and socket-type fittings.



PART #	DESCRIPTION
30756	1/2 Pint
30575	1 Pint

SAM™ CL-3 PVC Cleaner

Sam™ CL3 is a clear cleaner for use on all PVC, CPVC and ABS pipe, tubing, and socket-type fittings.



PART #	DESCRIPTION
55723	1/2 Pint
55725	1 Pint



Red Devil

100% Silicone Sealant

100% silicone, flexible, long-lasting formula gives tight, weather-resistant elastic seal to glass, metal, and ceramic surfaces. Will not crack, shrink or peel. Can be applied at temperatures below freezing. Rapid, room-temperature curing. Solvent clean-up. Meets Federal Specs. TT-S-00230C and TT-S-001543A.



PART #	DESCRIPTION
0809-01	10.3 oz. RTV
0816-61	10.3 oz. BLACK
0826-01	10.3 oz. CLEAR
0816-51	10.3 oz. GREY

Polyurethane Expanding Foam

Triple-expanding foam. Seals, bonds and insulates quickly with just the touch of a finger. Fills large and small holes in ceilings, floorboards, concrete or cinder block walls, ducts, cables, plumbing areas and central heating pipes.

Use indoors or out.



PART #	DESCRIPTION
0909	FOAM SEALANT



JOMAR® SEAL

Joint and sealing compound

A rust colored cohesive, smooth flowing liquid, containing an alcohol solution, pigmented with iron oxide, organic gums and resin. It is lead free, free of halogens. **W.O.G. plus** is not a strong sensitizer, is non-corrosive and is a Quality/High Performance resin compound, with built in Elasticity that Resists Vibration and temperature change. **W.O.G. plus** is fast drying, Flex/hard set, brushable, cures by solvent evaporation.



PART #	DESCRIPTION
400-303	1 PINT



SPRAY PAINT



PART #	DESCRIPTION
921	BLACK GLOSS
923	COPPER METALLIC
940	MACHINERY GRAY
987	BLACK GLOSS LACQUER
990X	GRAY LACQUER



BRAZING & SOLDERING PRODUCTS

SILVALOY Excel

Using ultra-high purity input materials and state of the art alloying technology, Wolverine has engineered EXCEL to be the highest quality line of Brazing Alloys available today. It's consistent melt and flow characteristics are unmatched, enhancing the quality of every joint you make.

PART #	SILVER	PHOS.	FLOW POINT	Pcs.
30040*	5%	6%	1495°	28
30077	15%	5%	1475°	28

*Dyna-Flow mini tube 6% silver #66039



SILVABRITE / SILVABRITE-S

These solders have been specifically formulated to make difficult repairs swiftly and confidently. Use Silvabrite for fast melting, free flowing jobs.

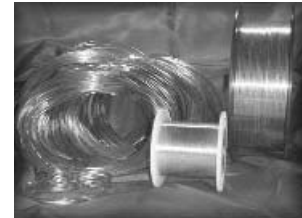
PART #	SILVER	TIN	FLOW POINT	LBS.
56619	4%	96%	430°	1
53113	5%	95%	535°	1



A-56T

Has the lowest brazing temperature, best wetting and best flow of all the cadmium-free alloys. Its low zinc content minimizes problems due to longer heating cycles (as in furnace brazing), or due to excessive heating (as by less skilled operators).

PART #	SILVER	COP.	ZINC	FLOW POINT	Oz.
56613	56%	22%	17%	1205°	1



BRIDGIT® LEAD FREE SOLDER

Widely used in plumbing applications where lead bearing solders are prohibited. Contains nickel making joints extremely strong. Wide plastic range makes Bridgit® an excellent alloy for large diameter and ill-fitted pipes. Must be used with Bridgit® Flux. Part #16000

COMMON SOLDER: 95/5, 50/50

95/5 is tin/antimony solder well-suited for applications where moderately-elevated temperature is a factor. Not recommended for refrigerant connections.

50/50 is a tin/lead solder that can be used to join most copper alloys. Not recommended for joints subject to high stress or vibration.

PART #	TIN	LEAD	FLOW POINT	LBS.
10030	95%	5%	464°	1
10028	50%	50%	420°	1



FLUX

Stay-Clean paste soldering flux is for almost all metals other than aluminum, magnesium or titanium. Use with solders with a liquidus temperature below 700°F.

Stay-Silv white brazing flux for all metals other than aluminum, magnesium or titanium. Effective to 1600°F.

Bridgit paste flux is designed especially for lead free solders and resists the higher temperatures making it ideal for all plumbing applications.

PART #	DESCRIPTION
40027	4 oz. Liquid Stay-Clean Paste Flux
40022	7 oz. Liquid Stay-Silv Flux
40057	4 oz. Bridgit Paste Soldering Flux



ACCESSORIES



SLIC-TITE® PASTE WITH TEFLON*

Heavy Duty Thread Compound

Heavy duty thread sealing compound. Loaded with PTFE particles uniformly suspended in neutral vehicle. Non-toxic, non-drying, anti-seize. Premium white grade. Washes off hands or clothing. Brushes on in cold and heat.

SLIC-TITE contains a product made from "Teflon" and other PFTE resins, which helps to seal on many difficult thread applications. Classified Underwriters Laboratories. Do not use on oxygen systems.



PART #	DESCRIPTION
42019	1/2 PINT
15808	1 PINT
42013	1 Quart
42014	1 Gallon

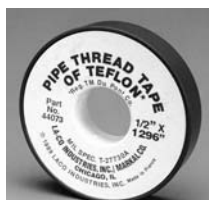
SLIC-TITE® PIPE THREAD TAPE OF TEFLON*

Also recommended for oxygen systems. Heavy duty industrial sealant.

- High density.
- Permits easy disassembly, even after many years.
- Withstands temperatures -450° to +550°F.
- Withstands pressures 2000 psi and over.

Made of pure white "Teflon". When used properly, SLIC-TITE Tape provides a highly resistant seal on any threaded pipe or fitting. Use on any service. Non-toxic. Safe on food lines.

PART #	DESCRIPTION
44082	1/2" x 300"
44083	1/2" x 600"
44084	1/2" x 1200"
44086	3/4" x 600"
44087	1" x 300"
44088	1" x 600"



E-Z BREAK ANTI SEIZE COMPOUND

- Copper-based anti-seize and lubricating compound.
- Resists rust and corrosion.
- Recommended for coating nuts, bolts, valves, flanges, for easy break out after years of service.
- Temperature: to 1800°F (982°C).



PART #	DESCRIPTION
08910	10oz w/brush

T-O-T® PIPE JOINT COMPOUND

No-drip siliconized

No-drip pipe joint compound. Siliconized for speed spreading. For water, steam, air, natural gas. Non-toxic. Available in flat top and brush-in-cap cans. Do not use on oxygen systems. Use SLIC-TITE Teflon Tape or packing.



PART #	DESCRIPTION
12219	1/2 PINT
12208	5 LBS.

REGULAR FLUX PASTE

NON-ACID / NON-TOXIC / LEAD FREE

For copper, galvanized iron, sheet lead, zinc, nickel, tin, silver, mild steel, terne plate, malleable iron. Use with 40-60, 50-50, 60-40 or 95-5 new tin/silver, string or bar solder...or any standard soft solder. Super detergent action eliminates unnecessary cleaning. Helps to assure sound joints.



PART #	DESCRIPTION
22101	2 oz.
22107	4 oz.
22194	4 oz. BIC

REGULAR FLUX LIQUID

- Contains no zinc chloride or other metal chloride.
 - Non-acid, non toxic, lead free.
- Use with new LEAD FREE, 50/50 and 95/5 solders.
 - For use on copper galvanized iron, sheet lead.



PART #	DESCRIPTION
23104	4 oz.

SILVER BRAZING FLUX

- Powerful cleaning action reduces waste of expensive silver solders
- Packed in break-resistant plastic jars.
- Use with torch, furnace, resistance or induction heating.
 - Production sizes available.
 - Meets Mil. Spec. MIL-F-4883.
 - Certified by NSF.
 - Temperature range: 1000° to 1700°F.



PART #	DESCRIPTION
22305	6 oz.

ACCESSORIES

COOL GEL® HEAT BARRIER SPRAY

Reduces danger of fire to surrounding surfaces such as studs, drywall and insulation. Helps prevent heat damage to components and surrounding materials during soldering, brazing and welding. Wont drip, run off or leave a residue.



PART #	DESCRIPTION
11509	12 oz.

LA-CO® ALUMINUM FLUX PASTE AND SOLDER (CARDED)

Complete repair kit for professional repairmen. Solders aluminum easily. For aluminum evaporators, ducts, tubing. Also solders aluminum to copper. Self-selling card with complete instructions.



PART #	DESCRIPTION
36474	2 oz.

ALERT LEAK DETECTOR

- Safe for oxygen service.
- Bright orange color for easy visibility.
- Non-toxic.
- Available in handy squeeze bottle.
- Non-corrosive, no salts to promote corrosion of metal surfaces.
- Sticks to surfaces for longer period of leak leak detection.
- Temperature range: 32° F. to 200°F. (0° C. to 93°C.)



PART #	DESCRIPTION
32844	8 oz.
32851	1 Qt.

PACKING & GASKET SEALANT CORD OF TEFLON

USE FOR: Pump, Packing, Valve Packing, Faucet Packing, Stuffing Boxes, Pump Housings. USED AS: Gaskets, for Pipe Couplings, Expansion Joints, Rams and Plungers, Flanges and Gear Cases.

- Withstands temperatures -450° to -550°F.



Pure virgin, Teflon cord. Eliminates stocking of gasket sizes. Can be used on any metal or plastic for liquid or gas and all chemicals and solvents including oxygen. Non-toxic and safe for foods.

PART #	DESCRIPTION
45091	5/32" x 20'

RUST BUSTER

- Goes to work instantly every time.
- Packaged in a handy, telescoping-spout applicator.
- Quickly loosens rusted bolts, screws, shafts, piping, and all types of "frozen" connections and assemblies.
- Contains no acids, alkali or other harmful ingredients.
- Safe for skin, clothes, metals and friction-type surfaces.
- The penetrant used by professional mechanics in industry and the military.



PART #	DESCRIPTION
79706	4 oz.



DURA-INK® FELT TIP MARKERS

Industrial type. Permanent oil ink. Marks on any surface – metal, wood, glass, plastic, paper, etc. Long-lasting, water-resistant, fade resistant, high intensity ink. For identification of plumbing and refrigeration ports, layout work, shipping cartons and crates. U.S. Fed. Spec. TT-1-544.

PART #	DESCRIPTION
96023	Sharpie #15 Black
96121	Sharpie #20 Yellow
96122	Sharpie #20 Red
96223	Sharpie #25 Black

SMOKE DETECTORS

2650 SERIES DUCT-MOUNTED SMOKE DETECTORS

The 2650-400 Series Duct Mounted Smoke Detectors are designed for early detection of smoke and particles of combustion present in the air moving through air conditioning or ventilation ducts. They are self contained, operating from either 120V/240V/24V/24Vdc and provide contacts for both direct fan control and capability for remote annunciation or alarm panel operation.

These units consist of either an ionization or photoelectronic type detector assembly enclosed in a molded NORYL® plastic housing with a translucent cover. The wiring box, containing two conduit holes, is an integral part of the housing with access for the detector circuitry by removal of the cover. Mounting is by means of two screws and speednuts. Sampling tubes are available in various lengths for ducts up to 12 feet in width and must be ordered separately (see ordering data).

All units are UL listed and mount easily to round or rectangular ducts. Units are reset by momentary interruption of power or by use of a remote reset station (see ordering data).



UNI-LINE ORDER NO.	FACTORY MODEL	DESCRIPTION
2650-450	DH460ACDCI	4-Wire Ionization Duct Detector

SAMPLING TUBES

UNI-LINE ORDER NO.	FACTORY MODEL	DESCRIPTION
21-290	ST-1 .5	Metal Sampling Tube (1-2')
21-291	ST-3	Metal Sampling Tube (2-4')

MISCELLANEOUS ACCESSORIES

UNI-LINE ORDER NO.	FACTORY MODEL	DESCRIPTION
21-284	MO2-04	Calibrated Test Magnet

SERVICE PRODUCTS

17-110

BELT EASE

Fan and belt dressing adds traction – silences squeaks and preserves belts. BELT-EASE is packaged in aerosol cans with a special valve that works upside-down and right side up! It is complete with a special pinpoint stem that “hits the spot” with no overspray. 5.5 OZ. EACH.



17-104

3M RUBBER ADHESIVE (1300)

A fast drying rubber adhesive that develops high immediate strength. Has excellent heat resistance. Especially effective for door gasket and rubber to metal installations on kitchen appliances, it is yellow in color.



DUST MASKS

19662 5 PACK

DUST/MIST DISPOSABLE RESPIRATOR

The North disposable Dust/Mist Respirator is so comfortable a wearer will hardly notice when it's on. The anatomical design conforms automatically to the wearer's face, especially in the sensitive nose bridge area. The filter material is soft and won't irritate. The outer shell is strong enough to avoid the wilting and collapsing found in other disposables. NIOSH/MSHA certified TO-21C-347.



ACCESSORIES

BOILER TREATMENTS

8-WAY & 8-WAY PUMP-IN-A-CAN

Complete Boiler Water Treatment (non-chromate, biodegradable). 1. Removes Sludge. 2. Removes Rust Scale. 3. Inhibits Boiler Corrosion. 4. Inhibits Steam Line Corrosion. 5. Prevents Oxygen Pitting. 6. Inhibits Lime Scale. 7. Prevents Surging and Foaming. 8. Controls pH with a Color Indicator. Concentrated Pump-in-A-Can is pressurized and treats boilers in 2 minutes from start to finish. Does not contain petroleum distillates. Will not damage rubber or synthetic seals or gaskets.



PART #	DESCRIPTION
1309E	1 Quart
1309G	1 Gallon
1309DA	Aerosol

SURGEMASTER

Cures and prevents priming, surging and foaming in steam boilers. Sure-cure color indicator tints boiler water to take the guesswork out of treatment dosage. With RX3 anti-foam and corrosion inhibitor too. Does not contain petroleum distillates. Will not damage rubber or synthetic seals or gaskets.



PART #	DESCRIPTION
1321N	5.3 oz.

SEALMASTER

Fills and seals holes, cracks and loose joints in steam and hot water boilers and baseboard radiators. Does not contain petroleum distillates. Will not damage rubber or synthetic seals or gaskets.



PART #	DESCRIPTION
1317E	1 Quart
1317G	1 Gallon

CONDENSER COIL CLEANER

Con-Coil

Foaming cleaner and brightener for finned air cooled condenser coils. Leaves aluminum and copper clean, insulation-free, and as bright and shiny as new.

PART #	DESCRIPTION
S1-EC01*	Coil Rite 1 Gallon
0509G	1 Gallon (Acid)
0509I	5 Gallons

*Vegetable based



FURNACE CEMENT

PYROSEAL

(Non-Asbestos)

Non-freezing, smooth, creamy, easy spreading furnace and retort cement for all high temperature sealing and bonding up to 3000°F. Shrink-proof, crack-proof. Use in combustion chambers, for sealing doors and flue pipes.



PART #	DESCRIPTION
35515	1/2 Gallon

SOOT REMOVERS

SOOTSPRAY (Aerosol)

The original soot-remover aerosol. Reaches where powders and vacuum cleaners cannot. Cuts vacuum time by 50-100%. Catalytically active for safest possible soot removal. Approved for Connecticut sale. Contains no lead. Non-flammable.



PART #	DESCRIPTION
0320DA	14 oz. Aerosol

CONTACT CLEANER

CONTAX

Electrical contact-point cleaner. Flushes off metallic oxides caused by moisture, arcing, greasy films or dirt. Non-conductive, non-toxic. Dries instantly. Leaves no residue. Safe for use on metals and plastics. Comes with extension tube applicator for pin-point spraying.



PART #	DESCRIPTION
0505DA	14 oz. Aerosol

LUBRICANTS

LETSGO

Penetrant, lubricant and freeze-up preventer, also displaces moisture from wiring and equipment. Guaranteed! Quickly loosens frozen nuts, bolts and joints. Covers metal surfaces with a tough lubricating film. Foams on application reaching into threads and crevices. Comes with extension tube applicator for pin-point spraying.



PART #	DESCRIPTION
0905DA	12 oz. Aerosol

ACCESSORIES



Virginia KMP Corp.

SCALE REMOVERS

Assure fast penetration of hard-to-remove scales in cooling systems. Liquid scale removers should be used for cleaning heavily scaled equipment, removing problem scales and for jobs where speed and higher capacity are necessary. Solid scale remover should be used when safety to both operator and equipment is the important consideration. Preferred for descaling aluminum, stainless steel, cast iron, hot dip zinc or galvanized equipment.



PART #	DESCRIPTION
WL1	1 Gallon
WL5	5 Gallon
WS10	Solid, 10 Lbs.

ANTIFOAM

Reduces the amount of foam generated by the descaling process, especially in systems containing large amounts of carbonate (lime) scale.



PART #	DESCRIPTION
AF1	16 oz.

LIQUID ICE MACHINE CLEANER

Used to clean all types of ice machines: cube, tube or flake and for descaling commercial dishwashers.

PART #	DESCRIPTION
H418	8 oz.
H419	1 Gallon



ELECTRONIC CELL CLEANER

This specially formulated cleaner provides effective, safe cleaning of air cleaning equipment. Very effective at removing dust, hair, smoke film, pollen and mold spores, as well as bacteria from the surface of the cells, ionizer wires and prefilters. No scrubbing or high pressure sprayers required. Simply spray it on, let it sit a few minutes, then rinse away.



PART #	DESCRIPTION
ECC	1 Quart

VIRGINIA NO. 10 DEGREASING SOLVENT

A blend of selected solvents which effectively remove all grease and grease-bound dirt from machined parts, motor armatures, coils, switches, breakers and electronic components. Non-injurious to most electrical insulation coverings. Leaves no undesirable current-conducting residues.



PART #	DESCRIPTION
D10E	1 Gallon
D210	14 Oz.

PIPE SAVER

Pipe Saver is a propylene glycol based anti-freeze designed for use in chillers, glycolers, hydronic boilers, solar heating systems and other closed water systems. Pipe Saver provides excellent heat transfer properties which are enhanced by the carefully selected inhibitor. Pipe Saver provides additional lubrication for seals, gaskets, o-rings, rubber and most synthetics which extends system component life.



PART #	DESCRIPTION
35281	1 Gallon
PSH	Hydrometer



Nu-Calgon

Calci-Solve

Quickly dissolves lime, rust, scale and hard water deposits in plumbing, heating and cooling equipment, wells and water systems. Disintegrates concrete, plaster, grout in drains. Cleans excessively stained toilets.

Hydrochloric acid formula with special corrosion inhibitors and foam reducing agents.



PART #	DESCRIPTION
1CS	1 Gallon

BLAST-A-COIL

This aerosol, non-ozone depleting coil cleaner allows the user to Blast-A-Coil with a high pressure liquid that cuts through grease and dirt on refrigeration condenser coils. Cleans grease, dirt, lint and other debris instantly with minimum effort and doesn't require rinsing. Leaves the coil clean and bright with the efficiency restored.



PART #	DESCRIPTION
BAC20	20 Oz.



ACCESSORIES

INSULATION TAPES

VIRGINIA CORK INSULATION TAPE #PT1

Economical, yet quite effective!

PRESSTITE CORK INSULATION TAPE...the best product of its kind! Either may be used for hot or cold pipes or tubes.



VIRGINIA FOAM INSULATION TAPE #K501

Prevents pipe sweat, holds down heat loss on hot pipes below 160°F. Easy to mold around fittings and valves.

Adheres to clean metal surfaces and to itself.

PART #	DESCRIPTION
PT1	1/8" x 2" @ 30 ft.
K501	1/8" x 2" @ 30 ft.

SEALING GUM CORDS AND SLUGS

CORDS: Pre-shaped, never hardens. A non-staining white sealer for all sealing uses.

SLUGS: For any opening or gap. Shape by hand for desired form.

PART #	DIA.	LENGTH
PP33	3/16"	100'
PP36	3/8"	25'
PP22	SLUGS	



MASTICS

VIRGINIA KMP INSULATION MASTIC

Weatherproofs, prevents rust, stops condensation, dripping. Reduces heat transfer and conductivity.

PART #	DESCRIPTION
PM11	1 Gallon



TKO REFRIGERATION OIL ACID TEST KIT

One-bottle test is the faster way of determining if compressor oil is safe or acidic. Fill bottle to line with oil and shake. If test remains purple, oil is safe. If it turns yellow, it is acidic.

PART #	DESCRIPTION
L365	One Test Kit



INSULATION ADHESIVE

Provides a durable, high strength bond between virtually any surfaces that are clean and dry. Insures a secure vapor seal at joints and seams of insulation tubes and sheets. Brush Top.



PART #	DESCRIPTION
VAHP	1/2 Pint
VHP	1 pint

SUNISO GS REFRIGERATION OILS



O.E.M. approved. The highest quality refrigeration oil available. Minimum pour point - 45°F. Low moisture content, compatible with oil refrigerants. Lengthens life of refrigeration parts.

PART #	DESCRIPTION
L318	3GS, 1 GAL.
L319	4GS, 1 GAL.

DUAL-PURPOSE VACUUM PUMP OIL



DUAL-PURPOSE: 1. Advanced lubricating oil, cleans, lubricates and seals. 2. An outstanding flushing oil (cleaning agent) for cleaning dirty, contaminated pumps.

PART #	DESCRIPTION
93192	1 Quart
L341	1 Gallon

ALKI-FOAM

Concentrated non-acid alkaline foaming coil cleaner and brightener.



PART #	DESCRIPTION
AKF1	1 Gallon

PRESSURIZED SPRAYERS

Convenient size, ideal for applying water soluble chemicals. Adjustable spray tip for a steady stream or wide fan spray. Just pump it up and spray.



PART #	DESCRIPTION
050P	1/2 Gallon
2000P	2 Gallon

THERMAL BLOCK

Virginia Thermal Block is a protective heat sink compound which applies quickly and easily to all metals directly from the tube. Protects adjacent heat-sensitive materials, delicate parts and painted surfaces. Thermal Block effectively absorbs surface heat generated by welding, brazing or soldering on metals or other materials.



PART #	DESCRIPTION
TB11	One Test Kit

POWER VENTERS



POWER VENTER

FOR VENTING MANY GAS FIRED FURNACES, BOILERS OR WATER HEATERS

PART #	VENT PIPE DIA.	BTU/ HR. INPUT	MAX. PIPE LENGTH AT STACK TEMP			CFM AT 70°				
			GAS FIRED			0" SP	.50" SP	75" SP	1.0" SP	1.4" SP
			300'	400'	500'					
HSJ	4"	50,000	100'	100'	100'	110	85	67	10	--
		75,000	100'	100'	100'					
		100,000	100'	100'	100'					
		125,000	35'	23'	--					
HS-1	4"	150,000	100'	60'	35'	158	115	95	12	--
		200,000	87'	57'	27'					
		250,000	40'	12'	--					
		300,000	4'	--	--					
	6"	150,000	100'	100'	100'					
		200,000	100'	100'	100'					
		250,000	100'	92'	--					
		300,000	30'	--	--					
HS-2	6"	350,000	100'	100'	100'	286	235	215	196	158
		400,000	100'	100'	100'					
		450,000	100'	100'	67'					
		500,000	100'	72'	--					
		550,000	94'	--	--					
		600,000	15'	--	--					
	8"	350,000	100'	100'	100'					
		400,000	100'	100'	100'					
		450,000	100'	100'	100'					
		500,000	100'	100'	--					
HS-3	8"	550,000	100'	--	--	500	430	384	221	106
		600,000	67'	--	--					
		450,000	100'	100'	100'					
		500,000	100'	100'	82'					
	10"	600,000	100'	100'	--					
		700,000	7'	100'	--					
		450,000	100'	100'	--					
		500,000	100'	100'	--					
		600,000	100'	100'	--					
		700,000	21'	100'	--					



HSJ,1,2 INCLUDE
UC1 CONTROL

POWER VENTERS MODELS HSJ, HS1, HS2

Used for side wall venting natural gas, LP or oil fired equipment including: furnaces, boilers, water heaters and unit heaters. All models feature the new UC1 Universal Control and a diaphragm Fan Proving Switch safety interlock. Damper allows adjustment for maximum combustion efficiency.

Inputs up to 600,000 BTU/hr.

MODELS HSJ, HS-1, HS-2

Designed for 24V controlled gas appliances.

Includes a 24/115V relay and diaphragm Fan Proving Switch safety interlock.

Inputs up to 600,000 BTU/hr.
intake systems for balanced exhaust and combustion air.

UCI CONTROL

The new standard interlock control for Tjernlund's full line of Power Venters, Draft Inducers and Combustion Air In-forcers.

Can be interlocked with virtually any burner control circuit. Features include:

adjustable pre & post purge, LED status/diagnostic indicators, 10 second prover switch delay to avoid burner start up and wind induced short cycling. Interlocks with any 24-120 VAC burner control circuit and also includes "dry" contact actuation option. Selectable voltage eliminates false activation by burner control check circuits.

FEATURES

FEATURES	HSJ	HS-1	HS-2	HS-3
FACTORY MOUNTED & WIRED DIAPHRAGM PROVING SWITCH	•	•	•	•
FACTORY MOUNTED & WIRED 24/115 VOLT RELAY	•	•	•	•
VIBRATION ISOLATION MOUNT W-1/4" BOLT	•	•	•	•
COMPATIBLE WI WATER HEATER CONTROL MODULE: WHK-2	•	•	•	•
VARI-DRAFT DAMPER	•	•	•	•
ONE YEAR LIMITED WARRANTY	•	•	•	•

DRAFT INDUCERS

AUTO-DRAFT® INDUCERS

Assures a positive draft where down drafts, negative building pressures, undersized flues or long horizontal vent pipe runs are present.

Not to be used for Side Wall venting applications.

Appliance interlocks are necessary to meet national codes. Options include the Model PS1505 pressure switch or limit switches. Can be used with the new UC1 Universal Control. Input ranges from 25,000 to 4,000,000 BTU/hr.



PART #	PIPE SIZE IN.	GAS FIRING W/ DRAFT HOOD*		
		BTU INPUT	270° FLUE GAS	
			S.P.	CFM
DJ3	3	69,000	.034	48
	4	105,000	.042	72
	5	111,000	.043	72
	6	100,000	.041	68
D3	5	270,000	.063	190
	6	356,000	.073	246
	7	360,000	.075	259
	8	320,000	.068	217
I	8	900,000	.125	590
	9	1,110,000	.135	765
	10	1,250,000	.140	850
	12	1,030,000	.128	710
IL	9	1,460,000	.145	1010
	10	2,080,000	.170	1370
	12	1,920,000	.160	1325
	14	1,840,000	.159	1270
	16	900,000	.120	620
	18	650,000	.099	450
XL	16	4,000,000	.250	2760
	18	3,900,000	.240	2650
	20	2,800,000	.195	1935
	24	1,500,000	.150	1035



AIR PRESSURE SWITCH

The Tjernlund Fan Prover has been designed to monitor the pressure within the fan housing only. A motor or wheel failure will decrease housing pressure and deactivate the pressure switch, thus preventing combustion.

PART #	DESCRIPTION
PS1503	Positive Pressure
PS1505	Fan Proving Switch
PS2501	Pos/Neg Pressure Switch



DUCT BOOSTER

The Tjernlund Duct Booster® is the ORIGINAL money saving and energy efficient residential booster fan. It increases the comfort level in hard to heat or cool areas. Fits round or flat forced air heating/cooling ductwork. Boosts air flow up to 275 CFM.

PART #	DESCRIPTION
DB2	Duct Booster

WATER HEATER VENTING PACKAGE

FOR WATER HEATERS UP TO 120,000 BTU/HR. DESIGNED TO VENT WATER HEATERS THE EQUIVALENT OF 75 FEET.

Kit includes: fan motor, vent hood, low voltage 24v connections, 24v solenoid gas valve, post-purge timer and gas diaphragm switch.

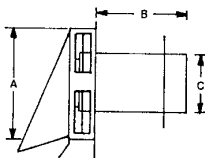


PART #	HEIGHT	WIDTH	DEPTH	INLET/OUTLET	BTU/CAPACITY
VP2	10-1/2"	7-1/2"	10"	3"	Up to 60/mbh
VP3	7-7/8"	10-1/4"	7"	4"	60-120/mbh

VENT HOODS

Specially designed to terminate Tjernlund Side Wall Vent Systems. They are also an approved method of terminating many horizontally vented appliances. Vent Hoods feature heavy duty, corrosive resistant aluminum construction. Models VH1-4, 6, 8 also feature built in clearances from combustibles.

PART #	A	B	C
VH1-4	9"	7-3/4"	6-5/8"
VH1-6	10-1/8"	7-5/8"	8-3/8"
VH1-8	18-3/8"	16"	8"



WATER HEATER CONTROL MODULE

WHK-1

Includes Gas Pressure Switch, Spillage Switches and all necessary hardware to interlock a Power Venter or Draft Inducer to an instantaneous water heater or millivolt pool heater.

WHK-2

The WHK-2 is used to interlock a millivolt controlled water heater of up to 120,000 BTU/hr with a Power Venter or Draft Inducer. Kit includes: Gas Solenoid Valve and Linear Limit Switch safety interlock to provide 100% safety shut down if a venting malfunction occurs, Gas Pressure Switch, Post Purge Timer/Relay and Control Cables necessary for interlock.

PART #	DESCRIPTION
WHK-1	Water Heater Control Interlock
WHK-2	Millivolt Heater Applications

ACCESSORIES



BAROMETRIC DRAFT CONTROLS

Quality engineered and manufactured to maintain a consistent draft on a wide range of oil and gas fired heating equipment.

May be used with chimney vented or power vented heating equipment. For LP and Natural gas applications with vent diameters from 6-10", choose the DC6G thru DC10G.

PART #	SIZE
DC6G	6"
DC8G	8"
DCG9	9"
DC10G	10"



VENT DAMPERS

ELECTRIC VENT DAMPER

Recommended for use on listed gas-fired appliances with standing pilot or intermittent ignition. Installations must have a draft and/or barometric damper.



ALUMINIZED STEEL

MODEL #	DIAMETER	VOLTS
8116321	4"	24
8116322	5"	24
8116323	6"	24
8116324	7"	24
8116325	8"	24
8116326	9"	24

Dim. A Pipe Size	Dim. B Length	Dim. C Height	Dim. D	Dim. E
4	6-1/16	8-7/8	15/16	4-13/16
5	6-1/16	9-7/8	15/16	4-13/16
6	6-1/2	10-7/8	1-3/16	5-1/4
7	7-1/16	11-7/8	1-7/16	5-13/16
8	8-1/16	12-7/8	1-15/16	6-13/16
9	10-1/8	13-7/8	3	8-7/8

