



Email: info@hvac-pro.ca
Phone#: 437-677-0074 | 905-790-0074

CUSTOM FITTINGS Order Form 10/2014 V1

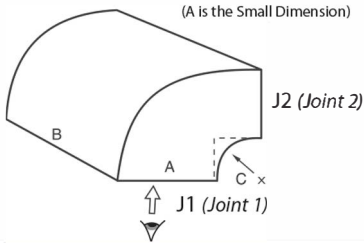
Company Name: _____

Customer Name: _____

Phone: _____ Email: _____

Date: _____

1 STACK ELBOW 90° 45°



VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____

STK 90 x with Rd Thr

OR x Sq Thr

RAD HEEL SQ HEEL

Ends J1 _____ J2 _____

VARIATION 2: DL 1/2" 1"

Gauge _____ Qty _____

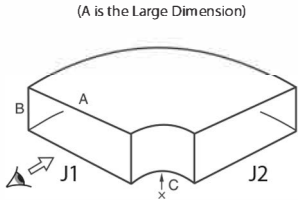
STK 90 x with Rd Thr

OR x Sq Thr

RAD HEEL SQ HEEL

Ends J1 _____ J2 _____

2 SIDE ANGLE 90° 45°



VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____

SA 90 x with Rd Thr

OR x Sq Thr

RAD HEEL SQ HEEL

Ends J1 _____ J2 _____

VARIATION 2: DL 1/2" 1"

Gauge _____ Qty _____

SA 90 x with Rd Thr

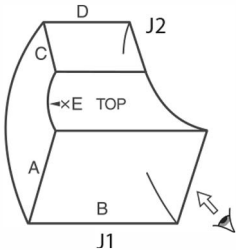
OR x Sq Thr

RAD HEEL SQ HEEL

Ends J1 _____ J2 _____

D) TURNING VANE OPTION

3 STACK ELBOW 90° 45° REDUCING



VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____

Indicate: Turning Up Turning Down

FRS FLS O/C SQ HEEL

STK 90 x to x

with Rd Thr OR x Sq Thr

Ends J1 _____ J2 _____

VARIATION 2: DL 1/2" 1"

Gauge _____ Qty _____

Indicate: Turning Up Turning Down

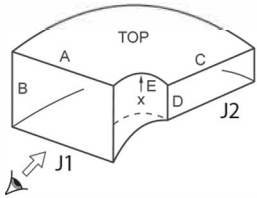
FRS FLS O/C SQ HEEL

STK 90 x to x

with Rd Thr OR x Sq Thr

Ends J1 _____ J2 _____

4 SIDE ANGLE 90° 45° REDUCING



VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____

Indicate: Turning Left Turning Right

FOT FOB O/C SQ HEEL

SA 90 x to x

with Rd Thr OR x Sq Thr

Ends J1 _____ J2 _____

VARIATION 2: DL 1/2" 1"

Gauge _____ Qty _____

Indicate: Turning Left Turning Right

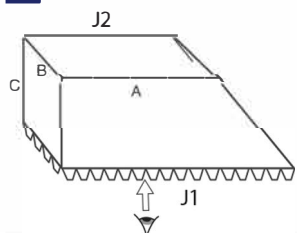
FOT FOB O/C SQ HEEL

SA 90 x to x

with Rd Thr OR x Sq Thr

Ends J1 _____ J2 _____

5 SIDE TAKE-OFF



VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____

STO x Long

Splitter Damper PR Damper

Ends J1 _____ J2 _____

VARIATION 2: DL 1/2" 1"

Gauge _____ Qty _____

STO x Long

Splitter Damper PR Damper

Ends J1 _____ J2 _____

VARIATION 3: DL 1/2" 1"

Gauge _____ Qty _____

STO x Long

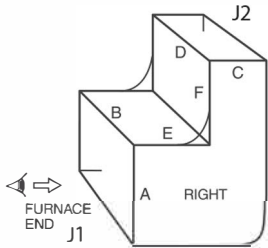
Splitter Damper PR Damper

Ends J1 _____ J2 _____

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GLOSSARY OF TERMS ON BACK

6 RETURN AIR BOOT



TURNING VANE OPTION

VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____

Only if B & D different: FLS FRS O/C

RAB _____ x _____ to _____ x _____ O/C
A B C D

with _____ x _____ Sq Thr, or _____ RD
E F

RAD HEEL SQ HEEL

Ends J1 _____ J2 _____

VARIATION 2: DL 1/2" 1"

Gauge _____ Qty _____

Only if B & D different: FLS FRS O/C

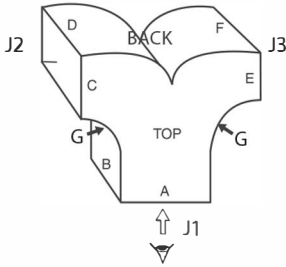
RAB _____ x _____ to _____ x _____ O/C
A B C D

with _____ x _____ Sq Thr, or _____ RD
E F

RAD HEEL SQ HEEL

Ends J1 _____ J2 _____

7 3-WAY



EVEN BACK UNEVEN BACK

VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____

Indicate: Only if B is different from D OR F:

FOT FOB O/C

_____ x _____ to _____ x _____ to _____ x _____
A B C Left D E Right F

with _____ Rd Thr OR _____ x _____ Sq Thr
G G G

Splitter Damper Push Rod Damper

Ends J1 _____ J2 _____ J3 _____

VARIATION 2: DL 1/2" 1"

Gauge _____ Qty _____

Indicate: Only if B is different from D OR F:

FOT FOB O/C

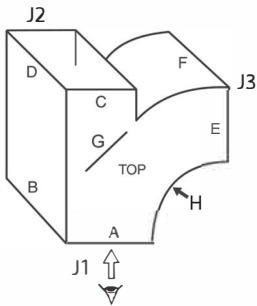
_____ x _____ to _____ x _____ to _____ x _____
A B C Left D E Right F

with _____ Rd Thr OR _____ x _____ Sq Thr
G G G

Splitter Damper Push Rod Damper

Ends J1 _____ J2 _____ J3 _____

8 Y-BRANCH



VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____

Indicate: Only if B is different from D OR F:

FOT FOB O/C

_____ x _____ to _____ x _____ to _____ x _____
A B C Straight D E Right F

with _____ Rd Thr OR _____ x _____ Sq Thr
H H H

Splitter Damper Push Rod Damper

Ends J1 _____ J2 _____ J3 _____

VARIATION 2: DL 1/2" 1"

Gauge _____ Qty _____

Indicate: Only if B is different from D OR F:

FOT FOB O/C

_____ x _____ to _____ x _____ to _____ x _____
A B C Straight D E Right F

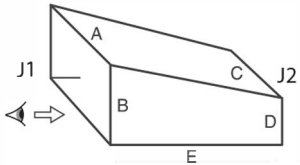
with _____ Rd Thr OR _____ x _____ Sq Thr
H H H

Splitter Damper Push Rod Damper

Ends J1 _____ J2 _____ J3 _____

9 TRANSITION

DL 1/2" 1" Gauge _____ Qty _____

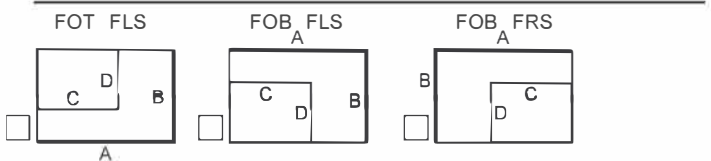
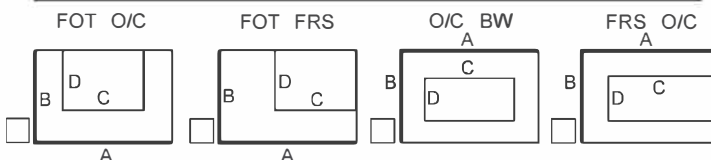
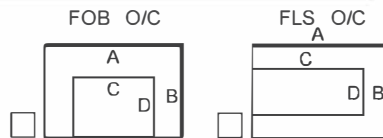


Trans _____ x _____
A B

to _____ x _____ Long
C D E

Ends J1 _____ J2 _____

Only if B and D are different
AND A and C are different,
check one of the following:
(If not, see Reducer)



10 TRANSITION (OFFSET/RISING)(No Radius)

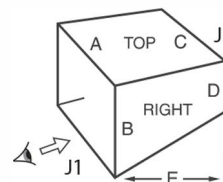
DL 1/2" 1" Qty _____

Trans _____ x _____
A B

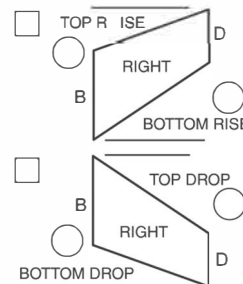
to _____ x _____ Long
C D E

Rise: _____ Offset: _____

Ends J1 _____ J2 _____

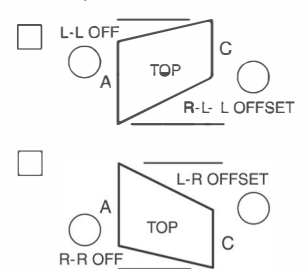


RISE (Check One & Select Rise)



Note: B + Top Rise = D + Bottom Rise

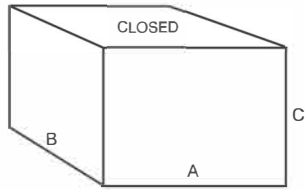
OFFSET (Check One & Select Offset)



Note: A + Off = C + Off

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11 BOX PLENUM/DRAIN PAN



METAL TYPE _____

VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____
 1/2" DFO FO FI RAW S&D

_____ x _____, _____ High
 A B C

Pan Drain Option
 Solder 1/2" Spot Weld
 Silicone 3/4" Not Sealed
 Safety Edge

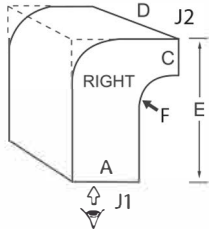
VARIATION 2: DL 1/2" 1"

Gauge _____ Qty _____
 1/2" DFO FO FI RAW S&D

_____ x _____, _____ High
 A B C

Pan Drain Option
 Solder 1/2" Spot Weld
 Silicone 3/4" Not Sealed
 Safety Edge

12 PLENUM ELBOW



VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____
Indicate: Only if B and D are different:
 FLS FRS O/C Sq Heel

_____ x _____ (to _____ x _____) _____
 A B C D E

with _____ Rd Thr OR _____ x _____ Sq Thr
 F F F

Ends J1 _____ J2 _____

VARIATION 2: DL 1/2" 1"

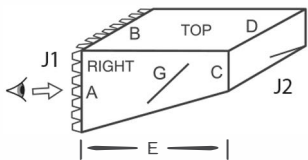
Gauge _____ Qty _____
Indicate: Only if B and D are different:
 FLS FRS O/C Sq Heel

_____ x _____ (to _____ x _____) _____
 A B C D E

with _____ Rd Thr OR _____ x _____ Sq Thr
 F F F

Ends J1 _____ J2 _____

13 PLENUM TAKE-OFF (Flat on Top)



VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____
Indicate: Only if B and D are different:
 FLS FRS O/C

To fit which side of Plenum: _____

PTO _____ x _____ (to _____ x _____) FOT, _____ Long
 A B C D E

PR Damper
 Volume Damper Size _____ Location _____
 G G

Ends J1 _____ J2 _____

VARIATION 2: DL 1/2" 1"

Gauge _____ Qty _____
Indicate: Only if B and D are different:
 FLS FRS O/C

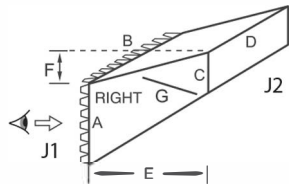
To fit which side of Plenum: _____

PTO _____ x _____ (to _____ x _____) FOT, _____ Long
 A B C D E

PR Damper
 Volume Damper Size _____ Location _____
 G G

Ends J1 _____ J2 _____

14 PLENUM TAKE-OFF (With Rise)



VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____
Indicate: Look F.L.C. Only if B and D are different:
 FLS FRS O/C

To fit which side of Plenum: _____

PTO _____ x _____ (to _____ x _____), _____, _____
 A B C D E (long) F (rise)

PR Damper
 Volume Damper Size _____ Location _____
 G G

Ends J1 _____ J2 _____

VARIATION 2: DL 1/2" 1"

Gauge _____ Qty _____
Indicate: Look F.L.C. Only if B and D are different:
 FLS FRS O/C

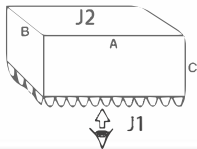
To fit which side of Plenum: _____

PTO _____ x _____ (to _____ x _____), _____, _____
 A B C D E (long) F (rise)

PR Damper
 Volume Damper Size _____ Location _____
 G G

Ends J1 _____ J2 _____

15 FISHLOCK COLLAR



VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____

FLC _____ x _____, _____ Long
 A B C

Ends J1 _____ J2 _____

VARIATION 2: DL 1/2" 1"

Gauge _____ Qty _____

FLC _____ x _____, _____ Long
 A B C

Ends J1 _____ J2 _____

VARIATION 3: DL 1/2" 1"

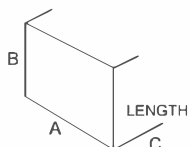
Gauge _____ Qty _____

FLC _____ x _____, _____ Long
 A B C

Ends J1 _____ J2 _____

16 STRAIGHT DUCT

VARIATION 1: DL 1/2" 1" **VARIATION 2:** DL 1/2" 1" **VARIATION 3:** DL 1/2" 1" **VARIATION 4:** DL 1/2" 1"



Gauge _____ Qty _____
 _____ x _____ x _____
 A B C
 Ends
 RAW S&D DFO
 FO FI
 Block End A _____

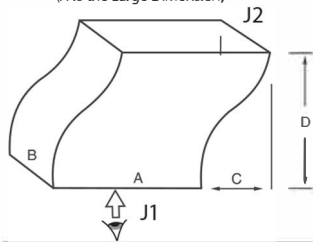
Gauge _____ Qty _____
 _____ x _____ x _____
 A B C
 Ends
 RAW S&D DFO
 FO FI
 Block End A _____

Gauge _____ Qty _____
 _____ x _____ x _____
 A B C
 Ends
 RAW S&D DFO
 FO FI
 Block End A _____ B _____

Gauge _____ Qty _____
 _____ x _____ x _____
 A B C
 Ends
 RAW S&D DFO
 FO FI
 Block End A _____

17 OFFSET

(A is the Large Dimension)



VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____

Offset _____ x _____, _____

Offset, _____ Long

Ends J1 _____ J2 _____

VARIATION 2: DL 1/2" 1"

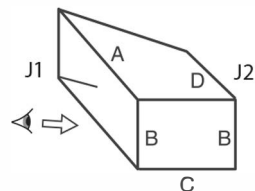
Gauge _____ Qty _____

Offset _____ x _____, _____

Offset, _____ Long

Ends J1 _____ J2 _____

18 REDUCER



VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____

Indicate: F1S O/C

RED _____ x _____

to _____ x _____, _____ Long

Ends J1 _____ J2 _____

VARIATION 2: DL 1/2" 1"

Gauge _____ Qty _____

Indicate: F1S O/C

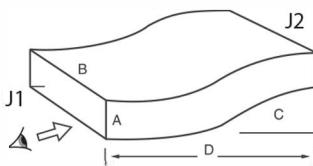
RED _____ x _____

to _____ x _____, _____ Long

Ends J1 _____ J2 _____

19 RISER

(A is the Small Dimension)



VARIATION 1: DL 1/2" 1"

Gauge _____ Qty _____

Riser _____ x _____, _____ Rise,

_____ Long

Ends J1 _____ J2 _____

VARIATION 2: DL 1/2" 1"

Gauge _____ Qty _____

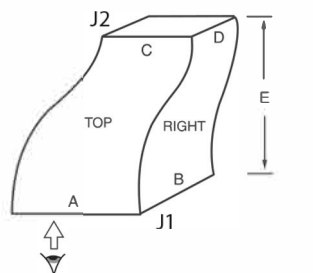
Riser _____ x _____, _____ Rise,

_____ Long

Ends J1 _____ J2 _____

20 OFFSET/RISER - REDUCING

DL 1/2" 1"



Gauge _____ Qty _____

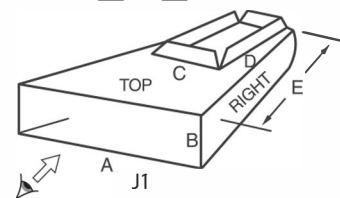
_____ x _____ to _____ x _____,

_____ Long

Ends J1 _____ J2 _____

21 REVERSING 90°

DL 1/2" 1"



Gauge _____ Qty _____

Indicate: Turning Up Turning Down

FLS FRS O/C

REV90 _____ x _____

to _____ x _____, _____ Long

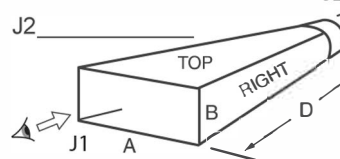
Ends J1 _____ J2 _____

22 SQUARE TO ROUND

DL 1/2" 1"

Ends J1 _____

Gauge _____ Qty _____



_____ x _____

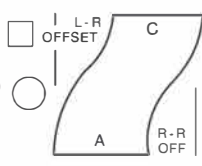
to _____ (Round), _____ Long

Small End Large End

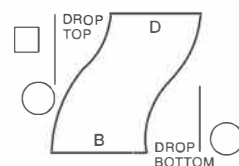
Check one:



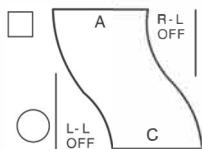
TOP VIEW: (Check One & Select Offset)



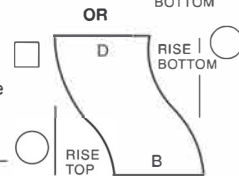
RIGHT SIDE: (Check One & Select Drop or Rise)



OR



Indicate Drop or Rise Amount:



GLOSSARY OF TERMS

D DFO Double flange out
DL Duct Lining
F F1S Flat one side
FLC Fishlock collar
FLS Flat left side
FOB Flat on bottom
FOT Flat on top
FRS Flat right side
FO Flange out *Incl.size*

FI Flange in *Incl.size*
J J Joint type
L L Long
L - L Left to left
L - R Left to right
O O/C On centre
OCBW ... On centre both ways
Off Offset
P PTO Plenum take-off
PRD Push Rod Damper

R RAB Return air boot
RAW Unfinished End
Rd Round
RED Reducer
R - L Right to left
R - R Right to right
S S&D S Cleat & Drive
SA-45 ... Side 45° elbow
SA-90 ... Side 90° elbow

S.Damp . Splitter damper
STK-45 .. Stack 45° elbow
STK-90 .. Stack 90° elbow
STO Side take-off
Sq Square
T Thr Throat *Incl.radius*
Trans Transition
V V.Damp . Volume damper
($\leftarrow \Rightarrow$ Point of View)

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