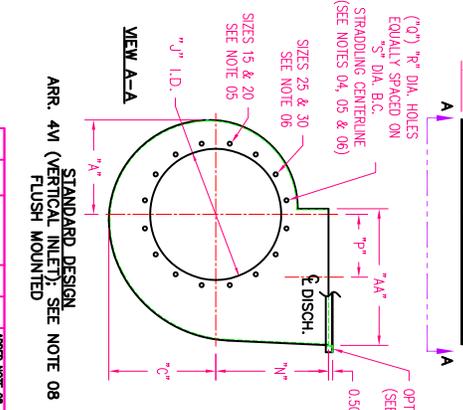
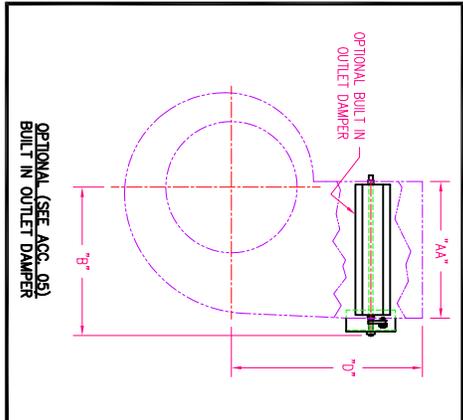
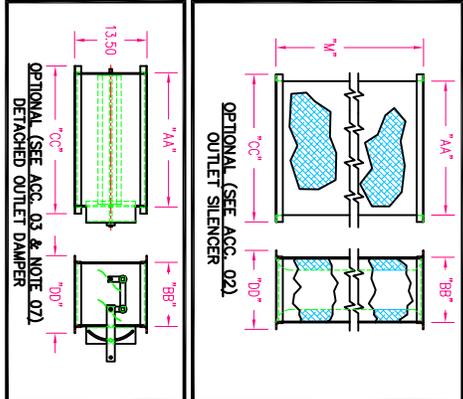
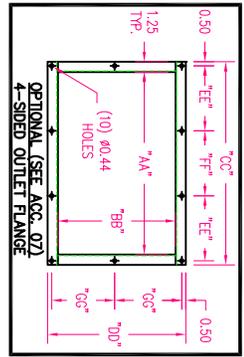
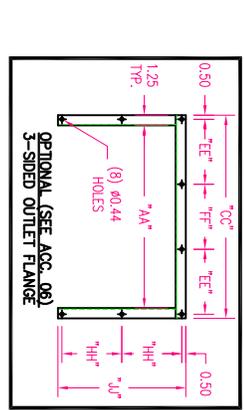
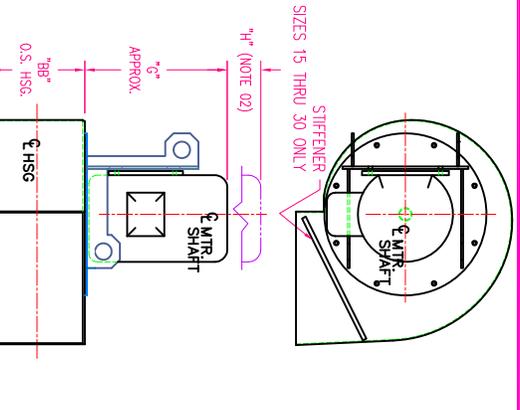
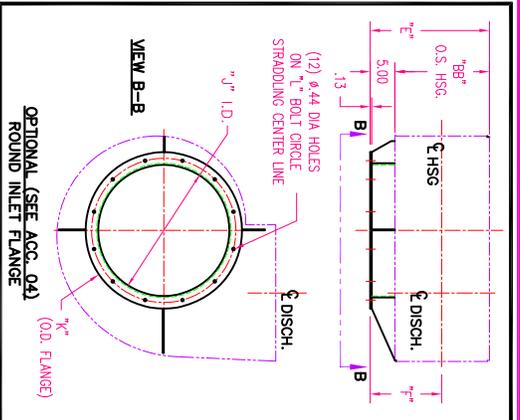
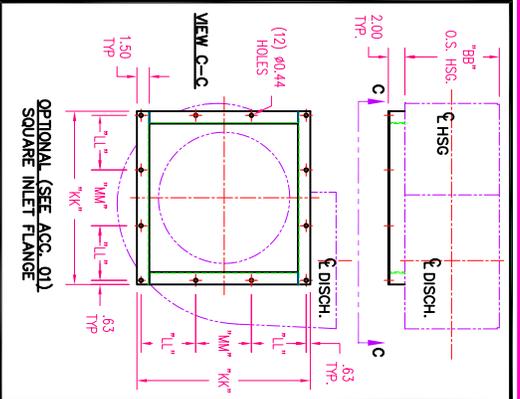


**FLANGE PATTERNS FOR SIZES 3 THRU 30**

SIZE	"AA"	"BB"	"CC"	"DD"	"EE"	"FF"	"GG"	"HH"	"JJ"	"KK"	"LL"	"MM"
3	13.44	8.75	15.94	11.25	5.00	4.94	5.13	4.00	10.00			
5	14.81	9.44	17.31	12.00	5.44	5.44	5.50	4.38	10.69			
7.5	14.81	10.75	17.31	13.25	5.44	5.44	6.13	5.00	12.00			6.50
10	14.81	11.50	17.31	14.00	5.44	5.44	6.75	5.38	12.75			
15	20.00	12.00	22.50	14.50	7.19	7.13	6.75	5.63	13.25			
20	20.00	14.00	22.50	16.50	7.19	7.13	7.75	6.63	15.25			
25	22.13	13.25	24.63	15.75	7.88	7.88	7.38	6.25	14.50			26.00
30	22.13	14.25	24.63	16.75	7.88	7.88	7.88	6.75	15.50			8.25



**NOTES:**

- "CW" ROTATION SHOWN; "CCW" ROTATION SIMILAR BUT OPPOSITE.
- NECESSARY CLEARANCE FOR WHEEL REMOVAL.
- DIMENSION SHOWN FOR USE WITH OUTLET FLANGE OPTION.
- FANS WITH INLET FLANGE (SQUARE OR ROUND) DO NOT HAVE MOUNTING HOLES IN HOUSING INLET SIDE.
- SIZES 15 & 20 ELIMINATE THIS HOLE.
- SIZES 25 & 30 ELIMINATE THIS HOLE.
- DAMPER HANDLE SHOULD ALWAYS BE LOCATED AT THE MOTOR SIDE.
- ARRANGEMENT 4M (VERTICAL INLET) SHOWS: ARRANGEMENT 4H (HORIZONTAL INLET) SIMILAR, BUT MOTOR & FAN MOUNTED HORIZONTALLY. (SUPPORT REQUIRED BY CUSTOMER)

**OPTIONAL ACCESSORIES (SEE SHOP ORDER):**

- 01. SQUARE INLET FLANGE; PUNCHED PER DETAIL
- 02. OUTLET SILENCER PER AC1003038 (SUPPORTED BY OTHERS IN FIELD)
- 03. DETACHED OUTLET DAMPER
- 04. ROUND INLET FLANGE; PUNCHED PER DETAIL
- 05. BUILT IN OUTLET DAMPER
- 06. STANDARD ACCESSORIES (SEE SHOP ORDER) PER DETAIL
- 07. SHAF T SEAL
- 08. OUTLET SCREEN

**SIZES 3 THRU 30**

SIZE	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"	"K"	"L"	"M"	"N"	"P"	"Q"	"R"	"S"
3	10.25	18.19	11.63	22.50	13.75	9.38	17.00	6.00	13.81	17.81	15.81			7.63			
5	11.44	19.75	12.94	22.63	14.44	9.75	17.00	6.00	15.38	19.50	17.50			8.50			
7.5	11.44	19.75	12.94	23.00	15.69	10.38	21.00	7.00	15.38	19.50	17.50			8.50	8	0.44	17.25
10	11.44	19.75	12.94	23.13	16.44	10.75	21.00	8.00	15.38	19.50	17.50			8.50			
15	14.94	22.81	18.00	26.25	17.00	11.00	26.00	8.00	19.50	23.50	21.50			8.94			
20	14.94	22.81	18.00	26.75	18.94	12.00	26.00	10.00	19.50	23.50	21.50			8.94			
25	16.69	24.94	20.06	26.63	18.25	11.63	28.00	10.00	21.38	25.50	23.50			9.94	16*	0.56	28.50
30	16.69	24.94	20.06	26.88	19.25	13.13	28.00	10.00	21.38	25.50	23.50			9.94			

**JOB AND LOCATION**

JOB: B 3600 5/25/11  
 LOCATION: PDP  
 CONTRACTOR: PDP  
 LOCATION: PDP  
 ENG./ARCH: PDP  
 S.C. NUMBER: PDP  
 MATERIAL: PDP

**PERFORMANCE**

DENS.: PDP  
 CFM: PDP  
 S.P.: PDP  
 R.P.M.: PDP  
 B.H.P.: PDP  
 T.S.: PDP  
 O.V.: PDP

**DESIGN AND DRAWING**

DESIGNER: PDP  
 CHECKER: PDP  
 DATE: PDP  
 FILE: 1003044

**Twin City Fan Companies, Ltd.**  
 Member of the Motion and Control Association  
 5959 Trouton Lane - Minneapolis, MN 55442-3238

**TITLE:** TCB1 SIZES 3 THRU 30,  
 ARRANGEMENT 4M (VERTICAL INLET MOUNTED)  
 ARRANGEMENT 4H (HORIZONTAL INLET MOUNTED)

**SCALE:** DRAWING NO. BC1003044

**REV.:** B