

DUCT GAUGES AND CONSTRUCTION

TYPICAL DUCT GAUGES AND CONSTRUCTION					
LONGEST SIDE DIMENSION (MM)	SHEET METAL THICKNESS		REINFORCEMENT SPACE	HANGER ROD	MAXIMUM SPACING
	THK.	TRANSVERSE JOINT			
UP TO 450	G-26 (0.55 MM)	TDC	NR	M10	2.4 M
500 TO 750	G-24 (0.70 MM)	TDC	NR	M10	2.4 M
800 TO 1000	G-22 (0.80 MM)	TDC	NR	M10	2.4 M
1050 TO 1500	G-22 (0.80 MM)	TDC + MPT	550 MM	M10	2.4 M
1550 TO 1800	G-20 (1.00 MM)	TDC + MPT	550 MM	M10	2.4 M
1850 TO 2400	G-20 (1.00 MM)	TDC + MPT (2) + JTR (2)	550 MM	M10	2.4 M
2450 TO 3000	G-18 (1.20 MM)	TDC + ANGLE BAR (2) + JTR (2)	550 MM	M10	2.4 M

NOTE 1: THE DUCT GAUGES TABLE CONSTRUCTED FOR 750 PA STATIC PRESSURE POSITIVE OR NEGATIVE.

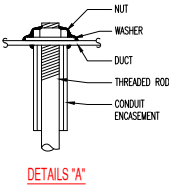
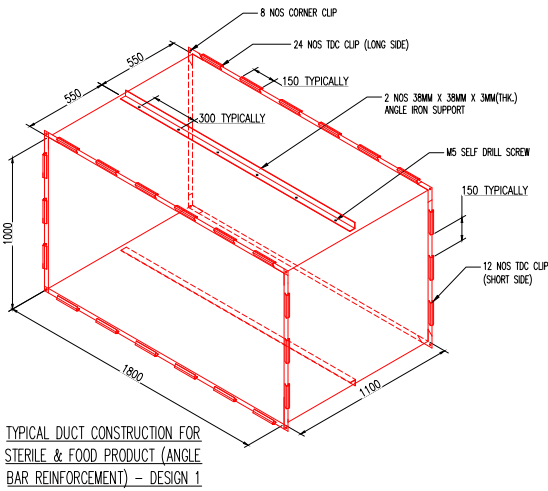
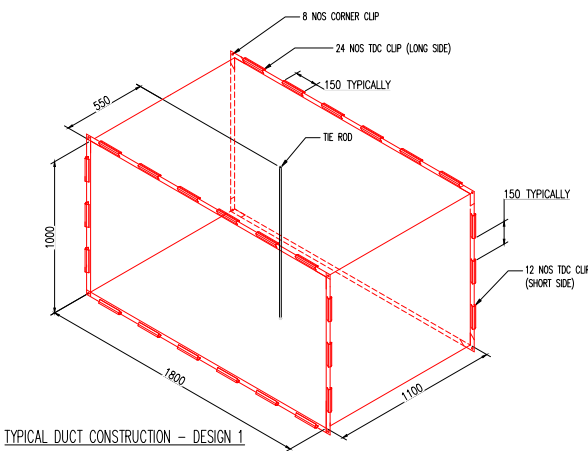
DUCT GAUGES AND CONSTRUCTION FOR STERILE & FOOD PRODUCT (ANGLE BAR REINFORCEMENT)					
LONGEST SIDE DIMENSION (MM)	SHEET METAL THICKNESS		REINFORCEMENT SPACE	HANGER ROD	MAXIMUM SPACING
	THK.	TRANSVERSE JOINT			
UP TO 450	G-26 (0.55 MM)	TDC	NR	M10	2.4 M
500 TO 750	G-24 (0.70 MM)	TDC	NR	M10	2.4 M
800 TO 1000	G-22 (0.80 MM)	TDC	NR	M10	2.4 M
1050 TO 1500	G-22 (0.80 MM)	TDC + ANGLE BAR (2)	550 MM	M10	2.4 M
1550 TO 1800	G-20 (1.00 MM)	TDC + ANGLE BAR (2)	550 MM	M10	2.4 M
1850 TO 2400	G-20 (1.00 MM)	TDC + ANGLE BAR (6)	550 MM	M10	2.4 M
2450 TO 3000	G-18 (1.20 MM)	TDC + ANGLE BAR (6)	550 MM	M10	2.4 M

NOTE 1: THE DUCT GAUGES TABLE CONSTRUCTED FOR 750 PA STATIC PRESSURE POSITIVE OR NEGATIVE.
NOTE 2: REFER SMACNA TABLE IF THE STATIC PRESSURE IS HIGHER THAN 750 PA.
NOTE 3: ANGLE BAR USED AS REINFORCEMENT WITHOUT TIE ROD FOR IN THIS SELECTION.

DUCT GAUGES AND CONSTRUCTION FOR STERILE & FOOD PRODUCT (TIE ROD C/W CONDUIT ENCASEMENT)					
LONGEST SIDE DIMENSION (MM)	SHEET METAL THICKNESS		REINFORCEMENT SPACE	HANGER ROD	MAXIMUM SPACING
	THK.	TRANSVERSE JOINT			
UP TO 450	G-26 (0.55 MM)	TDC	NR	M10	2.4 M
500 TO 750	G-24 (0.70 MM)	TDC	NR	M10	2.4 M
800 TO 1000	G-22 (0.80 MM)	TDC	NR	M10	2.4 M
1050 TO 1500	G-22 (0.80 MM)	TDC + MPT	550 MM	M10	2.4 M
1550 TO 1800	G-20 (1.00 MM)	TDC + MPT	550 MM	M10	2.4 M
1850 TO 2400	G-20 (1.00 MM)	TDC + MPT (2) + JTR (2)	550 MM	M10	2.4 M
2450 TO 3000	G-18 (1.20 MM)	TDC + ANGLE BAR (2) + JTR (2)	550 MM	M10	2.4 M

NOTE 1: THE DUCT GAUGES TABLE CONSTRUCTED FOR 750 PA STATIC PRESSURE POSITIVE OR NEGATIVE.
NOTE 2: REFER SMACNA TABLE IF THE STATIC PRESSURE IS HIGHER THAN 750 PA.
NOTE 3: TIE ROD INSTALLED WITH CONDUIT ENCASEMENT TO COVER THE THREADED SURFACE.

DETAILS OF DUCT CONSTRUCTION



DUCT CORNER CLOSURES – FLANGES

RECOMMENDED CLIP SPACING FOR TDC CONNECTION		
DUCT DIM. (MM)	CLIP SIZE	QTY.
200	100 MM / 4 INCH	1
250 TO 450	150 MM / 6 INCH	1
500 TO 600	150 MM / 6 INCH	2
650 TO 1200	150 MM / 6 INCH	3
1250 TO 1500	150 MM / 6 INCH	4

