



- ① DUCT SPIG TO DIVERGE FLOW SHALL BE PROPORTIONATE TO SUM TOTAL OF BRANCH DUCT FLOW RATES.
- ② ELBOW RADIIUS, TAKE-OFF ANGLE AND TRANSITION ANGLE SHALL BE PER SAMAAN RECOMMENDATIONS.
- ③ ROUND DUCT TAKE-OFFS FROM RECTANGULAR DUCTS SHALL BE MADE WITH A HIGH EFFICIENCY FLANGED AND GASKETED FITTING. THE MOUNTING GROOVE SHALL BE CONSTRUCTED AS TO ENSURE CORRECT FIT CONTROL. BALANCING DAMPERS SHALL BE PROVIDED TO ADJUST FLOW RATES TO MEET DESIGN REQUIREMENTS. FITTINGS SHALL BE LOCKING WING NUT FOR EASY RE-ADJUSTMENT WHEN NEEDED. FITTING SHALL BE FULLY GASKETED ON ALL FLANGES AND CORNERS FOR HIGH EFFICIENCY TAKE-OFF FITTINGS. PROVIDE SHOP DRAWINGS FOR ACCEPTANCE OF PRODUCT.
- ④ ALL ELBOWS SHALL BE RADIIUS TYPE, EXCEPT WHERE SPACE RESTRICTIONS NECESSITATE USING 90° MITERED VANEED ELBOWS.
- ⑤ VOLUME DAMPERS SHALL BE PROVIDED ON ALL LOW PRESSURE SUPPLY DUCT BRANCHES AND ON ALL RETURN AND EXHAUST DUCT BRANCHES.



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