



Figure A: FNZ-12-20-9-EXH I-10 Mat fastening detail



Figure B: FNZ-12-20-9-EXH completed assembly

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**Part Number FN-Z-12-20-9-EXH  
Installation Instructions for 3" and 4" Ductwork**

- 1. PARTS PROVIDED:**
  - A. Fire rated enclosure with 3M Interam I-10 Mat
  - B. 3" or 4" 3M brand PPD Ring
  - C. 3" or 4" PVC pipe x 11-5/8" long
- 2. Stage the exhaust fan inside the FRPS enclosure with the 3" or 4" PVC pipe and mark enclosure sidewall for cutting either 3-5/8" or 4-7/8" diameter hole to receive PVC pipe and PPD ring.**
- 3. Cut out hole to receive the PVC pipe and PPD ring. Using the integrated lancing tabs, attach the pre-cut I-10 Mat pieces to the inside walls of the enclosure (figure A). Attach PPD ring to enclosure interior with sheet metal screws.**
- 4. Slide the PVC pipe through the PPD Ring and the enclosure opening. Use caution to avoid damaging the intumescent material on the inside surface of the PPD Ring.**
- 5. Attach air duct hose from the exhaust fan to the PVC pipe on the inside the enclosure.**
- 6. Attach air duct hose from the outside ventilation to the PVC pipe on the outside the enclosure.**

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Should you have any questions, contact our technical support team at 612.294.1450 or [info@FRPSonline.com](mailto:info@FRPSonline.com).