

SLIMDUCT SIZING CHART & SELECTION DATA

MAXIMUM LINESET, DRAIN PIPE AND CABLE CAPACITY BASED ON 3/8" INSULATION

MODEL	MD - INDOOR	SD-66	SD-77	SD-100	SD-140 (AUG. 2002)
DIMENSIONS	2 ¹⁵ / ₁₆ " x 2 ⁵ / ₈ "	2 ³ / ₈ " x 2 ¹ / ₄ "	3" x 2 ¹ / ₂ "	4" x 2 ³ / ₄ "	5 ¹ / ₂ " x 3"
LENGTH	78"	78"	78"	78"	78"

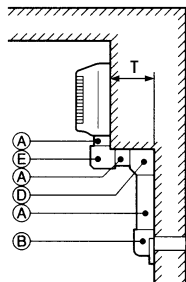
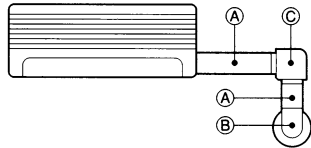
MINISPLIT SYSTEMS – LIQUID AND SUCTION LINE: BOTH INSULATED 3/8"

LIQUID LINE	1/4"	1/4"	3/8"	2 x 1/4"	1 x 1/4" + 2 x 3/8"
SUCTION LINE	1/2"	1/2"	5/8"	2 x 3/8"	1 x 1/2" + 2 x 5/8"
DRAIN HOSE	3/4" OD	3/4" OD	3/4" OD	2 x 3/4" OD	3 x 3/4" OD
POWER CABLE	1 x UF 14-3	1 x UF 14-3	1 x UF 14-3	2 x 1/2" SEALTITE	3 x 1/2" SEALTITE
CONTROL CABLE	1 PR. 18 AWG	1 PR. 18 AWG	1 PR. 18 AWG	2 PRS. 18 AWG	3 PRS. 18 AWG
NOMINAL TONNAGE	UP TO 1 TON	UP TO 1 TON	1–3 TONS	1x3 TON or 2x1 TON	1x3 TONS or 2x2 TON

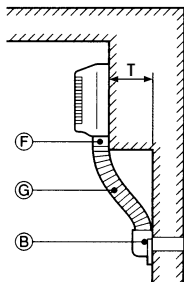
CONVENTIONAL SPLIT SYSTEMS – LIQUID LINE PLAIN, SUCTION LINE INSULATED 3/8"

LIQUID LINE	N/A	3/8"	3/8"	3/8"	3/8"
SUCTION LINE	N/A	5/8"	3/4" OR 7/8"	1 ¹ / ₈ "	1 ¹ / ₈ "
DRAIN HOSE	N/A	3/4" PVC	3/4" PVC	3/4" PVC	3/4" PVC
POWER CABLE	N/A	1 x UF 14-2	1 x UF 14-2	1 x 1/2" SEALTITE	1 x 1/2" SEALTITE
CONTROL CABLE	N/A	1 PR. 18 AWG	1 PR. 18 AWG	1 PR. 18 AWG	1 PR. 18 AWG
NOMINAL TONNAGE	N/A	UP TO 1.5 TON	UP TO 3.5 TONS	4–5 TONS	7.5 TONS AND UP

- A SlimDuct MD (MD-75)
- B Wall Inlet (MW-75)
- C 90° Flat EII (MK-75)
- D 90° Inside Vertical EII (MCI-75)
- E 90° Outside Vertical EII (MCO-75)
- F Coupler (MJ-75)
- G Flexible EII (MF-75)

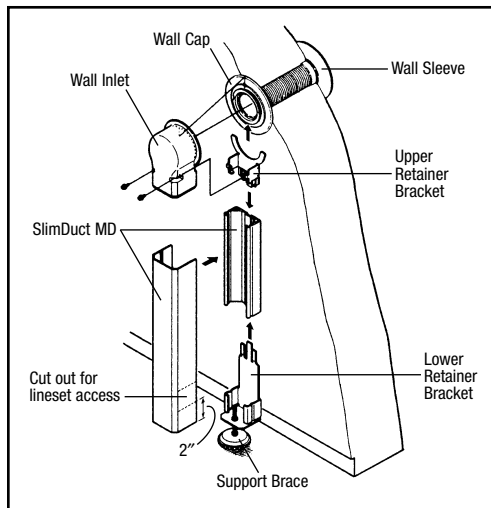


When dimension T is greater than 7" use rigid components shown above to create offset.

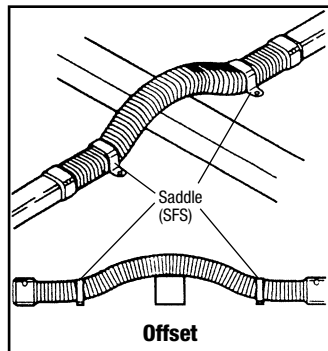


When dimension T is smaller than 7" use MF Flexible EII to create offset.

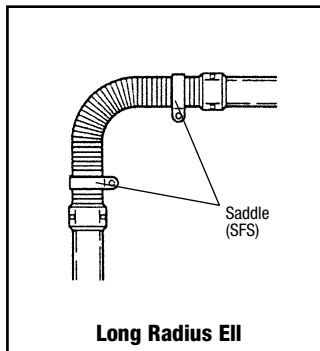
Typical Detail of Indoor MD Installation



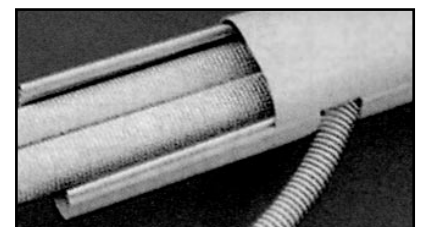
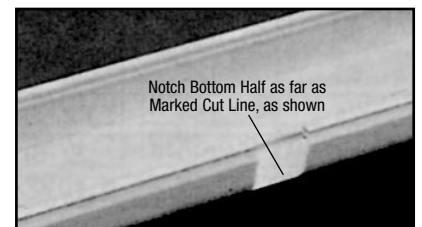
Typical Detail of Outdoor MD Installation Using MDP Installation Kit



Typical Detail of SF Flexible EII Applications



Long Radius EII



Typical Detail of SD Showing Cut-Out for Drain Hose

SLIMDUCT INC. 1244 Davol Street, Fall River, MA 02720

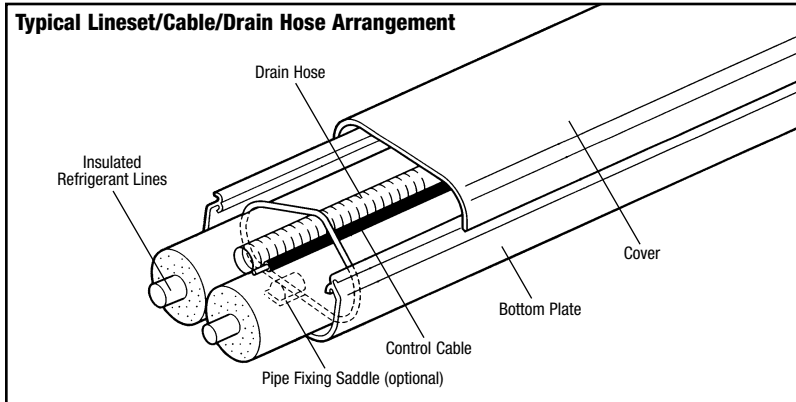
Phone Toll Free: 1-866-SLIMDUK (754-6385) 508-678-8282 Fax: 508-678-4542 e-mail: info@slimduct.com website: www.slimduct.com

SD011-02

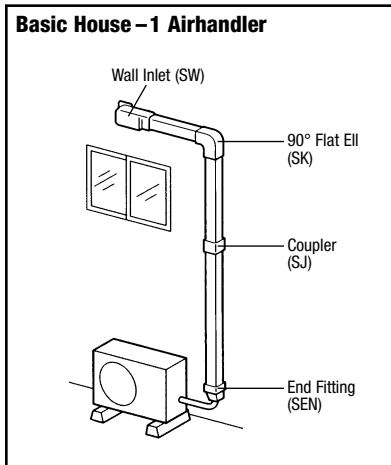
SLIMDUCT TECHNICAL SPECIFICATIONS

COLOR	SD STANDARD: IVORY, WHITE, BROWN		SD ALSO AVAILABLE: GRAY, BLACK	MD: IVORY ONLY
SIZE	SD-66: 2⅜"x2¼"O.D.	SD-77: 3"x2½"O.D.	SD-100: 4"x2¾"O.D.	
	SD-140: 5½"x3⅛"O.D.	MD-75: 2⅟16"x2⅝"O.D.	STANDARD LENGTH: 78"	
MATERIAL	WEATHER RESISTANT PVC, UV STABILIZED & FIRE RESISTANT			
FIRE RATING	MEETS UL 94V-0, MEETS 1997 SPECIFICATIONS OF JAPAN MINISTRY OF CONSTRUCTION			
TEMPERATURE RANGE	-4°F TO 140°F			
WEATHER RESISTANCE	TESTED TO OVER 2,000 HOURS			
FIXING SCREWS	STAINLESS STEEL			

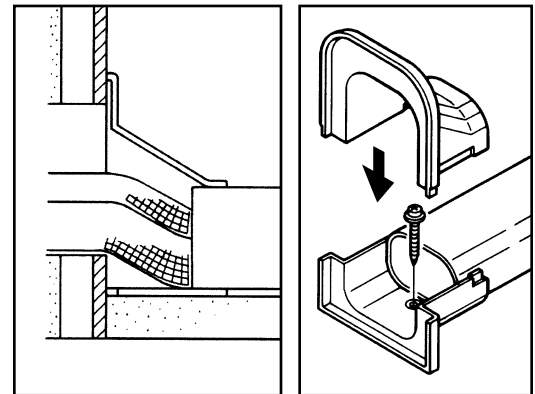
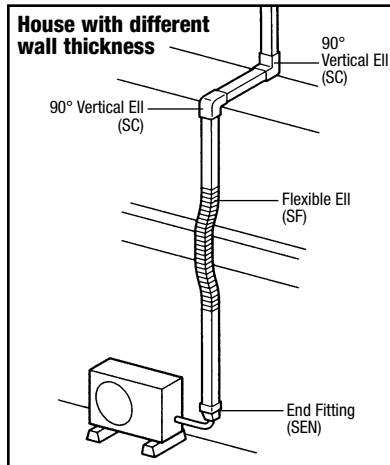
Typical Lineset/Cable/Drain Hose Arrangement



Basic House – 1 Airhandler

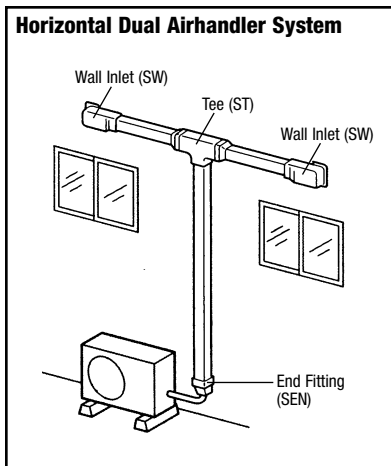


House with different wall thickness

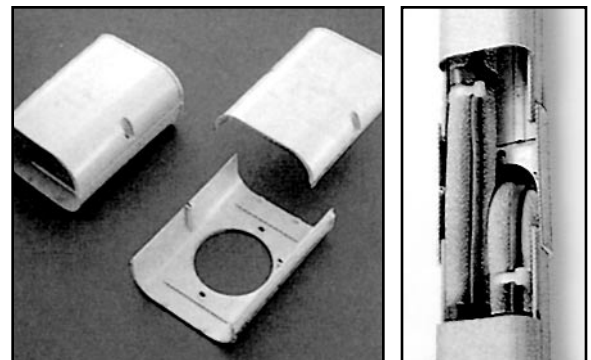
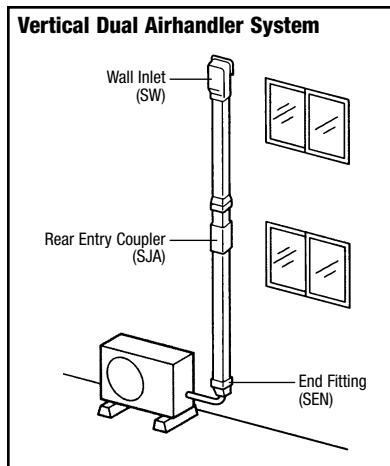


Detail of MP & SP Soffit Inlet

Horizontal Dual Airhandler System



Vertical Dual Airhandler System



Detail of SJA Rear Entry Coupler

Typical SlimDuct Applications

SLIMDUCT INC. 1244 Davol Street, Fall River, MA 02720

Phone Toll Free: 1-866-SLIMDUK (754-6385) 508-678-8282 Fax: 508-678-4542 e-mail: info@slimduct.com website: www.slimduct.com

SD011-02