

KNX Hydronic Hook-Up Kits Bypass Adapters Required for 3-way ATCs

Use the table below to determine the adapters that the contractor will be required to supply to complete the bypass connection.

1. Requirements are based on the use of rigid bypass pipe with male NPT threads on each end, length to suit.
2. The Bypass component (AO, AC, VO, VC, CO, or CC) is sized one size smaller than the SV (except for 1/2" kits).
3. If the Bypass component is smaller than the ATC bypass port, an adapter is required between the tailpiece and ATC.

SV (Strainer Valve) Size	SV Bypass Port Size	Bypass Component Size	ATC size	Bypass Adapter
.50"	.50"	.50"	.50"	none
.75"	.50"	.50"	.50"	None
.75"	.50"	.50"	.75"	.50"F x .75"M - bypass tailpiece to ATC
1"	.50"	.75"	.50"	.50"M x .75"F - SV bypass port to bypass pipe
1"	.50"	.75"	.75"	.50"M x .75"F - SV bypass port to bypass pipe
1"	.50"	.75"	1"	.50"M x .75"F - SV bypass port to bypass pipe, .75"F x 1"M - tailpiece to ATC
1.25"	.75"	1"	.50"	.75"M x 1"F - SV bypass port to bypass pipe
1.25"	.75"	1"	.75"	.75"M x 1"F - SV bypass port to bypass pipe
1.25"	.75"	1"	1"	.75"M x 1"F - SV bypass port to bypass pipe
1.25"	.75"	1"	1.25"	.75"M x 1"F - SV bypass port to bypass pipe, 1"F x 1.25"M - tailpiece to ATC
1.5"	.75"	1.25"	.75"	.75"M x 1.25"F - SV bypass port to bypass pipe
1.5"	.75"	1.25"	1"	.75"M x 1.25"F - SV bypass port to bypass pipe
1.5"	.75"	1.25"	1.25"	.75"M x 1.25"F - SV bypass port to bypass pipe
1.5"	.75"	1.25"	1.5"	.75"M x 1.25"F - SV bypass port to bypass pipe, 1.25"F x 1.5"M - tailpiece to ATC
2"	1"	1.5"	1"	1"M x 1.5"F - SV bypass port to bypass pipe
2"	1"	1.5"	1.25"	1"M x 1.5"F - SV bypass port to bypass pipe
2"	1"	1.5"	1.5"	1"M x 1.5"F - SV bypass port to bypass pipe
2"	1"	1.5"	2"	1"M x 1.5"F - SV bypass port to bypass pipe, 1.5"F x 2"M - tailpiece to ATC

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