

Product Information Bulletin

PIB10-19

27 January 2011

TXV Conversion Kits for Piston Fancoils and R-410A N-Coils

Several new TXV conversion kits are now available to simplify installations of certain fancoils (air handlers) and evaporator coils.

FEM4P, FSM4P, FSU4P Piston Fancoils:

Factory R-410A Piston → R-22 TXV = Mainline Kit # NAEA20101TX and NAEA20201TX.

Factory R-410A Piston → R-410A TXV = Mainline Kit # NAEA40501TX, NAEA40601TX, and NAEA40701TX.

Consult the charts below for proper size application.

Mainline kit	Mainline Conversion Kit number (order with equipment)
FAST part	FAST replacement part number (order as parts from FAST)
Label	Manufacturer part number (marked on the TXV label)

Convert from R-410A PISTON to R-22 TXV

Model	FEM4P, FSM4P, FSU4P						
Size	18	24	30	36	42	48	60
Mainline kit	NAEA20101TX	NAEA20101TX	NAEA20101TX	NAEA20101TX	NAEA20101TX	NAEA20201TX	n/a
FAST part	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Label	EA36YD037	EA36YD037	EA36YD037	EA36YD037	EA36YD037	EA36YD057	n/a

No AHRI documentation with R-22 outdoor models

Convert from R-410A PISTON to R-410A TXV

Model	FEM4P, FSM4P, FSU4P						
Size	18	24	30	36	42	48	60
Mainline kit	NAEA40501TX	NAEA40501TX	NAEA40501TX	NAEA40601TX	NAEA40601TX	NAEA40701TX	n/a
FAST part	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Label	EA36YD121	EA36YD121	EA36YD121	EA36YD131	EA36YD131	EA36YD141	n/a

AHRI listings with most 2010 R-410A outdoor models

ENA4X, END4X, ENW4X, ENH4X, EDM4X, EDD4X, EDA4X, EHD4X Evaporator Coils:

Factory R410A TXV → R-22 TXV = Mainline Kit # NAEA20401TX, NAEA20501TX, NAEA20601TX, and NAEA20701TX.

Consult the chart below for proper size application.

Mainline kit	Mainline Conversion Kit number (order with equipment)
FAST part	FAST replacement part number (order as parts from FAST)
Label	Manufacturer part number (marked on the TXV label)

Convert from R-410A TXV to R-22 TXV

Model	END4X, ENA4X, ENW4X, ENH4X, EDM4X, EDD4X, EDA4X, EMA4X, EHD4X						
Size	18	24	30	36	42	48	60
Mainline kit	NAEA20401TX	NAEA20601TX	NAEA20601TX	NAEA20601TX	NAEA20501TX	NAEA20501TX	NAEA20701TX
FAST part	1176832	1175673	1175673	1175673	1176833	1176833	1176834
Label	EA36YD043	EA36YD053	EA36YD053	EA36YD053	EA36YD046	EA36YD046	EA36YD056

No AHRI documentation with R-22 outdoor models

– comprehensive chart on pages 2 - 4 –

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Comprehensive Chart Showing All Available Conversion Kits/Parts

Mainline kit	Mainline Conversion Kit number (order with equipment)
FAST part	FAST replacement part number (order as parts from FAST)
Label	Manufacturer part number (marked on the TXV label)

Convert from R-22 TXV to R-410A TXV

Model	EDM2X, EDD2X, EDA2X, EBD(U)2X, EBA2X, EMA2X, EHD2X						
Size	18	24	30	36	42	48	60
Mainline kit	NAEA40101TX	NAEA40101TX	NAEA40101TX	NAEA40201TX	NAEA40301TX	NAEA40401TX	NAEA40401TX
FAST part	1173387	1173387	1173387	1173389	1173403	1173391	1173391
Label	EA36YD084	EA36YD084	EA36YD084	EA36YD094	EA36YD104	EA36YD114	EA36YD114

No AHRI documentation with R-410A outdoor models

Convert from R-22 TXV to R-410A TXV

Model	FSA2X						
Size	18	24	30	36	42	48	60
Mainline kit	FSAC01TXVX	FSAC01TXVX	FSAC01TXVX	FSAC02TXVX	n/a	n/a	n/a
FAST part	1179353	1179353	1179353	1179354	n/a	n/a	n/a
Label	EA36YD119	EA36YD119	EA36YD119	EA36YD138	n/a	n/a	n/a

AHRI listings with most 2006 R-410A outdoor models

Convert from R-22 TXV to R-410A TXV

Model	FVM2X, FEM2X, FSM2X, FSU2X, WAHM**2, WHAT**2						
Size	18	24	30	36	42	48	60
Mainline kit	EBAC05TXVX	EBAC05TXVX	EBAC05TXVX	EBAC06TXVX	EBAC06TXVX	EBAC07TXVX	EBAC07TXVX
FAST part	1172348	1172348	1172348	1172349	1172349	1172350	1172350
Label	EA36YD122	EA36YD122	EA36YD122	EA36YD132	EA36YD132	EA36YD142	EA36YD142

No AHRI documentation with R-410A outdoor models

Convert from R-22 TXV to R-410A TXV

Model	EBV, EBX						
Size	18	24	30	36	42	48	60
Mainline kit	EBAC05TXVX	EBAC05TXVX	n/a	EBAC06TXVX	n/a	EBAC07TXVX	EBAC07TXVX
FAST part	1172348	1172348	n/a	1172349	n/a	1172350	1172350
Label	EA36YD122	EA36YD122	n/a	EA36YD132	n/a	EA36YD142	EA36YD142

(these kits also work with FAST part replacement coils installed in EBP fancoils)

EBX: No AHRI documentation with R-410A outdoor models

EBV: AHRI listings with most 2006 R-410A outdoor models

Convert from R-22 TXV to R-410A TXV

Model	AHX, AHX3, AHXW, AHXW3						
Size	18	24	30	36	42	48	60
Mainline kit	n/a	AHTXV153A	AHTXV153A	AHTXV153A	AHTXV355A	AHTXV355A	AHTXV355A
FAST part	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Label	n/a	n/a	n/a	n/a	n/a	n/a	n/a

AHRI listings with most 2006 R-410A outdoor models

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Mainline kit	Mainline Conversion Kit number (order with equipment)
FAST part	FAST replacement part number (order as parts from FAST)
Label	Manufacturer part number (marked on the TXV label)

Convert from R-410A TXV to R-22 TXV

Model	END4X, ENA4X, ENW4X, ENH4X, EDM4X, EDD4X, EDA4X, EMA4X, EHD4X						
Size	18	24	30	36	42	48	60
Mainline kit	NAEA20401TX	NAEA20601TX	NAEA20601TX	NAEA20601TX	NAEA20501TX	NAEA20501TX	NAEA20701TX
FAST part	1176832	1175673	1175673	1175673	1176833	1176833	1176834
Label	EA36YD043	EA36YD053	EA36YD053	EA36YD053	EA36YD046	EA36YD046	EA36YD056

No AHRI documentation with R-22 outdoor models

Convert from R-410A TXV to R-22 TXV

Model	EBXX						
Size	18	24	30	36	42	48	60
Mainline kit	n/a	n/a	n/a	n/a	n/a	n/a	n/a
FAST	n/a	1171715	n/a	1171715	n/a	1171716	1171956
Label	n/a	EA36YD030	n/a	EA36YD030	n/a	EA36YD050	EA36YD060

No AHRI documentation with R-22 outdoor models

Convert from R-410A TXV to R-22 TXV

Model	FVM4X, FXM4X, FEM4X, FSM4X, FSU4X, WAHM**4, WHAT**4						
Size	18	24	30	36*	42	48	60
Mainline kit	n/a	n/a	n/a	n/a	n/a	n/a	n/a
FAST part	1172864	1172864	1172864	1172866*	1172866	1172866	1172869
Label	EA36YD034	EA36YD034	EA36YD034	EA36YD054	EA36YD054	EA36YD054	EA36YD064

* 35 model takes 1172864

No AHRI documentation with R-22 outdoor models

Convert from R-410A PISTON to R-22 TXV

Model	FEM4P, FSM4P, FSU4P						
Size	18	24	30	36	42	48	60
Mainline kit	NAEA20101TX	NAEA20101TX	NAEA20101TX	NAEA20101TX	NAEA20101TX	NAEA20201TX	n/a
FAST part	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Label	EA36YD037	EA36YD037	EA36YD037	EA36YD037	EA36YD037	EA36YD057	n/a

No AHRI documentation with R-22 outdoor models

Convert from R-410A PISTON to R-410A TXV

Model	FEM4P, FSM4P, FSU4P						
Size	18	24	30	36	42	48	60
Mainline kit	NAEA40501TX	NAEA40501TX	NAEA40501TX	NAEA40601TX	NAEA40601TX	NAEA40701TX	n/a
FAST part	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Label	EA36YD121	EA36YD121	EA36YD121	EA36YD131	EA36YD131	EA36YD141	n/a

AHRI listings with most 2010 R-410A outdoor models

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Mainline kit	Mainline Conversion Kit number (order with equipment)
FAST part	FAST replacement part number (order as parts from FAST)
Label	Manufacturer part number (marked on the TXV label)

Convert from R-22 Piston to R-410A TXV

Model	EPM, EPD, EPA, EBP*, ELA, ELD, EMH, FCP**, FWM						
Size	18	24	30	36	42	48	60
Mainline kit	EBAC01TXVX	EBAC01TXVX	EBAC01TXVX	EBAC02TXVX	EBAC02TXVX	EBAC03TXVX	EBAC04TXVX
FAST part	1171977	1171977	1171977	1171978	1171978	1171979	1171980
Label	EA36YD116	EA36YD116	EA36YD116	EA36YD136	EA36YD136	EA36YD146	EA36YD156

AHRI listings with most 2006 R-410A outdoor models

* FAST parts replacement coils in EBP require different kits, see EBV, EBX notes

** FCP (except limited production in 2002 ??? manufactured with Chatleff threads)

Convert from R-22 Piston to R-22 TXV

Model	EPM, EPD, EPA, EBP, FCP**, FWM						
Size	18	24	30	36	42	48	60
Mainline kit	AMF153TKB	AMF153TKB	AMF153TKB	AMF153TKB	AMF355TKB	AMF355TKB	AMF355TKB
FAST part	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Label	n/a	n/a	n/a	n/a	n/a	n/a	n/a

AHRI listings with most 2006 R-22 outdoor models

** FCP (except limited production in 2002 ??? manufactured with Chatleff threads)