



Thermostatic Expansion Valve Capillary Tube Lengths

for Refrigerants 12, 22, 134a, 404A, 502, 507, and 717

Frequently we are asked to supply valves with capillary tubing lengths in excess of those listed in our catalog. The following table lists the standard and maximum lengths currently available.

Valve Types	Element Numbers	Refrigerant	Thermostatic Charge	① Standard Catalog Lengths Available (feet)	② Also Carried In Stock (feet)	③,④ Maximum Lengths Available (feet)
A	12	Ammonia (717)	AL	10	30	30
D	23	Ammonia (717)	AL, AC, AZ	10	30	30
P, H Large O	33	12	FC	5	10	20
			FCP60		10	20, 30
			FZ		10	30
			FZP		10	10
		22	VC		10	30
			VGA, VCP100		10,20	20, 30
			VZ		10	30
			VZP40		10	10
		134a	VX		10	20
			JC (FC)		10	20
		404A	JCP60 (FCP60)		5	20
			SC (RC), SZ (RZ)		--	10
			SCP115 (RCP115), SZP (RZP)		--	10, 20
			SX (RX)		--	--
		502	RC, RZ		--	10
			RCP115, RZP		--	10, 20
		507	RX		--	--
			PC		--	30
PZ (RZ), PZP (RZP), PX (RX)	--		--			
F, (E)BF, SBF Q, SQ, EQ RI (VGA Only) NI (C, Z, ZP Only)	43	12	FC	30" (5' for Q, SQ, EQ Valves)	5	10
			FCP60, FZ, FZP		5	--
		22	VC, VGA, VCP100, VZ		5	10
			VZP40		5	--
		134a	JC (FC)		5	--
			JCP60 (FCP60)		5	10
		404A	SC (RC), SZ (RZ)		5	10
			SCP115 (RCP115), SZP (RZP)		5	--
		502	RC, RZ		5	10
			RCP115, RZP		5	--
		507	PC, PZP (RZP)		5	--
			PZ (RZ)		5	10
G, EG	53	12	FC, FZ	5	10	10, 30
			FCP60, FZP		--	20
		22	VC, VZ		--	10, 30
			VGA, VCP100		--	20
			VZP40, VX		--	10
		134a	JC (FC)		--	10
			JCP60 (FCP60)		--	--
		404A	SC (RC), SZP (RZP)		--	10, 20
			SCP115 (RCP115)		--	10
			SZ (RZ)		--	10, 30
			SX (RX)		--	--
		502	RC, RZP		--	10, 20
			RCP115		--	10
			RZ		--	10, 30
			RX		--	--
		507	PC, PZ (RZ), PZP (RZP), PX (RX)		--	--

Valve Types	Element Number	Refrigerant	Thermostatic Charge	① Standard Catalog Lengths Available (feet)	② Also Carried In Stock (feet)	③,④ Maximum Lengths Available (feet)	
M, V Small W (10' Cap Length Only)	63	12	FC, FZ	5 Only	30	30	
			FCP60		10	20	
			FZP		10	10	
		22	VC		--	30	
			VCP100		10	20, 30	
			VGA		10	20, 30	
			VZ		--	30	
			VZP		--	10	
		134a	VX		5 Only	--	--
			JC (FC)		5,10	10	--
		JCP60 (FCP60)	10	--			
		404A	SC (RC), SZ (RZ)	5,10	--	30	
			SX (RX)	5 Only	--	--	
			SCP115 (RCP115), SZP (RZP)	5,10	--	10	
		502	RC, RZ	5,10	--	30	
			RX	5 Only	--	--	
			RCP115, RZP	5, 10	--	10	
		507	PZP (RZP)	5,10	--	10	
			PZ (RZ)		--	30	
			PC	5 Only	--	--	
RX	--		--				
Large W	7	12	FG	10	--	20	
		22	VG		--	20	
C, S, EBS Small O	83	12	FC, FZ, FZP	5	10	10, 20	
			FCP60		10	20	
		22	VC		10	10, 20	
			VGA, VCP100		10	20, 30	
			VZ		--	10, 30	
			VZP40		--	10	
			VX		10	10	
		134a	JC (FC)		--	10	
			JCP60 (FCP60)		--	20	
		404A	SC (RC), SCP115 (RCP115), SZ (RZ), SZP (RZP)		--	--	
			SX (RX)		--	--	
		502	RC, RCP115, RZ, RZP		--	20	
			RX		--	--	
		507	PC, PZ (RZ), PZP (RZP)		--	--	
			PX (RX)		--	--	

①Standard catalog lengths. No extra charge

②Extra length carried in stock. Published extra charge is applicable (see price bulletin).

③Capillary tubing lengths not listed under "1" or "2" can be obtained in increments of 10' up to the maximum listed length. 15' capillary tube length is also available for the No. 12 and No. 23 elements.

④If an application requires capillary tubing length in excess of the maximum listed length, it will be handled on an individual basis. Published net extra charge is applicable. Also, these special thermostatic elements are not returnable, nor is their performance guaranteed.