

Fisher® ET and EAT easy-e™ Valves CL125 through CL600

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Figure 1. Fisher ET Control Valve with 667 Actuator



W1916-3

Introduction

Scope of Manual

This instruction manual includes installation, maintenance, and parts information for NPS 1 through 8 Fisher ET valves, and NPS 1 through 6 EAT valves, through CL600 ratings. Refer to separate manuals for instructions covering the actuator and accessories.

Do not install, operate, or maintain ET valves without being fully trained and qualified in valve, actuator, and accessory installation, operation, and maintenance. **To avoid personal injury or property damage, it is important to carefully read, understand, and follow all the contents of this manual, including all safety cautions and warnings.** If you have any questions about these instructions, contact your Emerson Process Management sales office before proceeding.



Key 21*, 22*, and 23* PTFE Seat Disk Retainer, Disk Seat, and Disk

VALVE SIZE, NPS		KEY 21 DISK RETAINER, 316 STAINLESS STEEL	KEY 22 DISK SEAT		KEY 23 DISK, PTFE -73 TO 204°C (-100 TO 400°F)
ET	EAT		316 Stainless Steel	Alloy 6 (Cast)	
1, 1-1/4, or 2 x 1	1	1V710035072	1V710235072	1V710239102	1V710106242
1-1/2 or 2-1/2 x 1-1/2	2 or 3 x 1-1/2	1V710335072	1V710535072	1V710539102	1V710406242
1-1/2 x 1	2 x 1	1V712135072	1V712235072	1V712239102	1V710106242
2 or 3 x 2	4 x 2	1V710835072	1V710635072	1V710639102	1V710706242
2-1/2 or 4 x 2-1/2	3 or 6 x 2-1/2	1V710935072	1V711135072	1V711139102	1V711006242
3	4	1V711235072	1V711435072	1V711439102	1V711306242
4	6	1V711533092	1V711733092	1V711739102	1V711606242
6	All except Whisper Trim III cage	---	1V712033092	1V7120X0012	1V711906242
	Whisper Trim III cage	---	23A4937X012	23A4938X012	---
8	---	10A4466X012	20A4467X012	20A4467X022	20A4468X012

Key 27* Retaining Ring for Spring-Loaded Seal Ring, 302 SST

VALVE SIZE, NPS		PART NUMBER
ET	EAT	
1, 1-1/4 1-1/2 x 1, or 2 x 1	1 or 2 x 1	10A4211X012
1-1/2 or 2-1/2 x 1-1/2 2 or 3 x 2 2-1/2 or 4 x 2-1/2 3 4 6 (Whisper Trim III only)	2 or 3 x 1-1/2 4 x 2 3 or 6 x 2-1/2 4 6 ---	10A4220X012 10A4210X012 10A4219X012 10A5350X012 10A4225X012 10A5410X012

Key 27* Cavitrol III Retaining Ring for NPS 1 through 6 Fisher ET only, 302 SST

VALVE SIZE, NPS	1-STAGE CAGE	2-STAGE CAGE
1	10A4211X012	11A3405X012
1-1/2	10A4220X012	10A4211X012
2	10A4210X012	10A4220X012
2-1/2	10A4219X012	10A4210X012
3	10A5350X012	10A4219X012
4	10A4225X012	10A4219X012
6	None required	10A5410X012

Key 24* Seal Ring (Fisher EAT)

Key 28* Seal Ring (Fisher ET) (not for Cavitrol III or Whisper Trim III Construction)

VALVE SIZE, NPS		STANDARD, CARBON FILLED PTFE	SPRING-LOADED
ET	EAT		PTFE -73 to 232°C (-100 to 450°F)
1, 1-1/4, 1-1/2 x 1, or 2 x 1	1 or 2 x 1	1V659105092	10A4207X012
1-1/2 or 2-1/2 x 1-1/2	2 or 3 x 1-1/2	1V659305092	10A4216X012
2 or 3 x 2	4 x 2	1V550805092	10A4206X012
2-1/2 or 4 x 2-1/2	3 x 2 or 6 x 2-1/2	1V659505092	10A4215X012
3	4	1V659705092	10A5351X022
4	6	1V659905092	10A4223X012
6	---	1V660105092	10A2643X022
8	---	---	10A3261X012