

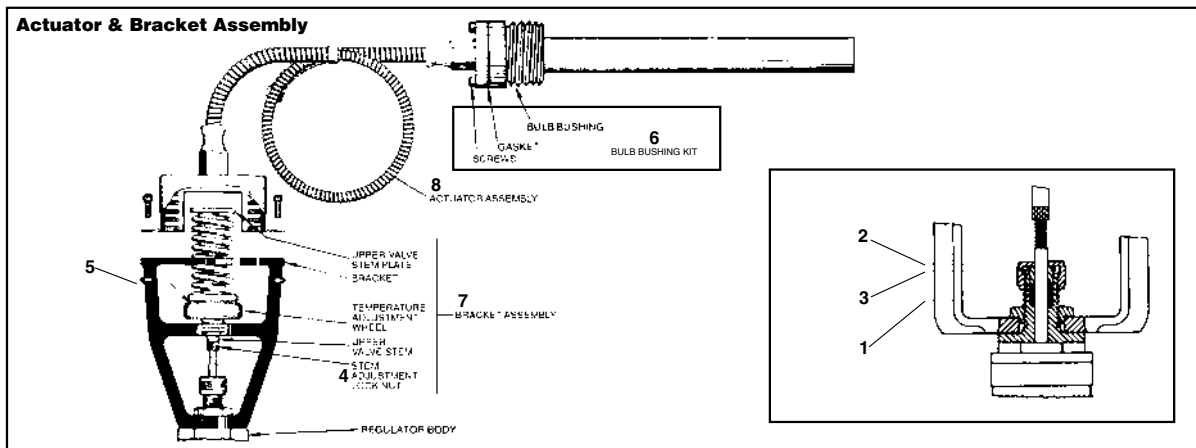


ITT

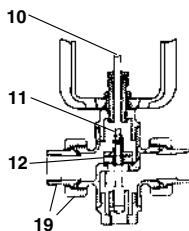
Regulator Service Parts

Hoffman Specialty

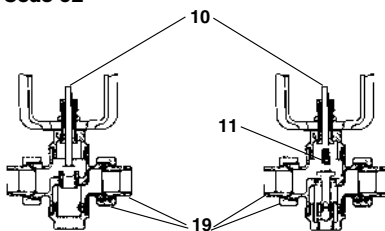
Thermostatic Temperature Regulators Series 1140 & 1141



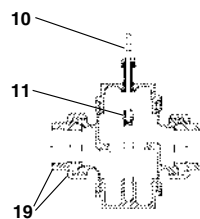
Body Code 01



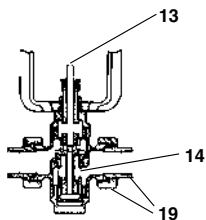
Body Code 02



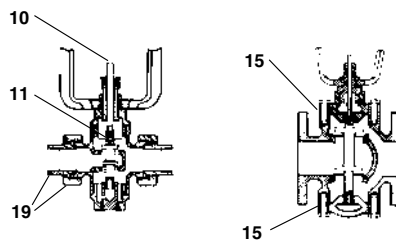
Body Code 02R



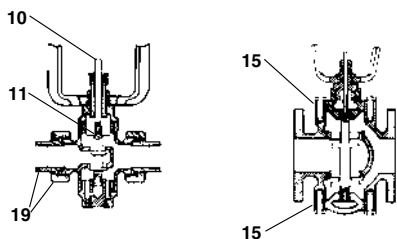
Body Code 03



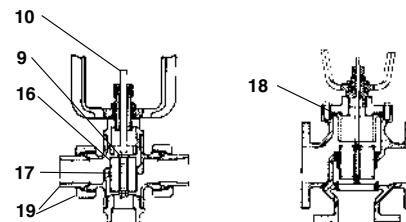
Body Code 05



Body Code 05R



Body Code 06





Thermostatic Temperature Regulators

Body and Bracket

Body Code	NPT	Body & Bracket Assembly Part Number	Body Code	NPT	Body & Bracket Assembly Part Number
01	½	401299	05	¾	401350
	¾	401300		1	401353
	1	401301		1¼	401356
	1¼	401302		1½	401359
	1½	401303		2	401362
	2	401304		2½	401365
02	½	401305		3	401368
	¾	401306		4	401371
	1	401307	05R	¾	401377
	1¼	401308		1	401380
	1½	401309		1¼	401383
	2	401310		1½	401386
02R	½	401312		2	401389
	¾	401311		2½	401392
	1	401313		3	401387
	1¼	401314		4	401395
	1½	401317	06	½	401396
	2	401320		¾	401397
03	¾	401321		1	401398
	1	401322		1¼	401399
	1¼	401323		1½	401400
	1½	401324		2	401401
	2	401325		2½	401402
				3	401403
				4	401404

Actuators

Series 1140 Actuators

(Cross ambient filled)

Part Number	Temperature Range °F (°C)	NPT	Body Code	Bulb Size (dia. x length)	Weight lbs. (kg)
400558	40–80 (4.4–27)	½–2	All	⅞ x 18 (22 x 457)	7 (3.2)
400561	60–100 (16–38)	½–2	All	⅞ x 18 (22 x 457)	7 (3.2)
400562	80–120 (27–49)	½–2	All	⅞ x 18 (22 x 457)	7 (3.2)
400563	100–140 (38–60)	½–2	All	⅞ x 18 (22 x 457)	7 (3.2)
400567	120–160 (49–71)	½–2	All	⅞ x 18 (22 x 457)	7 (3.2)
400606	140–180 (60–82)	½–2	All	⅞ x 18 (22 x 457)	7 (3.2)
400607	160–200 (71–93)	½–2	All	⅞ x 18 (22 x 457)	7 (3.2)
400570	180–220 (82–104)	½–2	All	⅞ x 18 (22 x 457)	7 (3.2)
400428	40–80 (4.4–27)	2½–4	05&06	1⅛ x 36 (29 x 914)	20 (9.1)
400572	60–100 (16–38)	2½–4	05&06	1⅛ x 36 (29 x 914)	20 (9.1)
400573	80–120 (27–49)	2½–4	05&06	1⅛ x 36 (29 x 914)	20 (9.1)
400574	100–140 (38–60)	2½–4	05&06	1⅛ x 36 (29 x 914)	20 (9.1)
400575	120–160 (49–71)	2½–4	05&06	1⅛ x 36 (29 x 914)	20 (9.1)
400615	140–180 (60–82)	2½–4	05&06	1⅛ x 36 (29 x 914)	20 (9.1)
400616	160–200 (71–93)	2½–4	05&06	1⅛ x 36 (29 x 914)	20 (9.1)
400617	180–220 (82–104)	2½–4	05&06	1⅛ x 36 (29 x 914)	20 (9.1)

Series 1141 Actuators

(Non-cross ambient filled)

Do not use where ambient temperature exceeds set temperature control.

Note: All models have copper bulb and 10 ft. (3m) capillary.

Part Number	Temperature Range °F (°C)	NPT	Body Code	Bulb Size (dia. X length)	Weight lbs. (kg)
400980	120-160 (49-71)	½ -2	All	⅝ X 11 (16 X 280)	7 (3.2)
400981	140-180 (60-82)	½ -2	All	⅝ X 11 (16 X 280)	7 (3.2)
400982	160-200 (71-93)	½ -2	All	⅝ X 11 (16 X 280)	7 (3.2)
400983	180-220 (82-104)	½ -2	All	⅝ X 11 (16 X 280)	7 (3.2)

Thermostatic Temperature Regulators

Item Code	Description	Fits Body Code	NPT	Part Number
1	PACKING	01, 02(R)	$\frac{1}{2}$ - 2	602255
		05(R), 06	$\frac{1}{2}$ - 4	
		03	$\frac{3}{4}$ - 2	
2	PACKING NUT	01, 02(R)	$\frac{1}{2}$ - 2	601092
		05(R), 06	$\frac{1}{2}$ - 4	
		03	$\frac{3}{4}$ - 2	
3	PACKING GLAND	01, 02(R)	$\frac{1}{2}$ - 2	699993
		05(R), 06	$\frac{1}{2}$ - 4	
		03	$\frac{3}{4}$ - 2	
4	STEM ADJUSTMENT LOCK NUT	01, 02(R)	$\frac{1}{2}$ - 2	699991
		05(R), 06	$\frac{1}{2}$ - 4	
		03	$\frac{3}{4}$ - 2	
5	BALL BEARINGS (SET OF 15) FOR ADJUSTING KNOB	01, 02(R)	$\frac{1}{2}$ - 2	699925
		05(R), 06	$\frac{1}{2}$ - 4	
		03	$\frac{3}{4}$ - 2	
6	BULB BUSHING KIT Includes bulb bushing, gasket, and screws (4 each)	All	1140 $\frac{1}{2}$ - 2	699923
			$\frac{7}{8}$ x 18 (22x457) BULB	699981
			1141 $\frac{1}{2}$ - 2	
			$\frac{5}{8}$ x 11 (16x280) BULB	699924
			2 $\frac{1}{2}$ - 4	
7	BRACKET ASSEMBLY Includes bracket, return spring, upper stem, upper stem plate, adjusting knob and item 4	01, 02(R), 03 05(R) & 06	$\frac{1}{2}$ - 2	699998
			2 $\frac{1}{2}$ - 4	699999
		06	2 $\frac{1}{2}$ - 4	699982
		See Actuator Chart		
8	ACTUATOR ASSEMBLY			
9	PISTON LOCK NUTS (SET OF 4)	06	$\frac{1}{2}$ - 4	699909
10	STEM	01	$\frac{1}{2}$ - 1 $\frac{1}{4}$	601200
			1 $\frac{1}{2}$	699984
			2	699985
		02(R)	$\frac{1}{2}$ - 2	601200
		05(R)	$\frac{1}{2}$ - 2	601200
			2 $\frac{1}{2}$ - 4	699992
		06	$\frac{1}{2}$	601103
			$\frac{3}{4}$	699905
			1	699906
			1 $\frac{1}{4}$	699907
			1 $\frac{1}{2}$ - 2	699908
			2 $\frac{1}{2}$ - 4	600086
11	STEM LOCK PIN	01	$\frac{1}{2}$ - 1 $\frac{1}{2}$	699986
		02(R)	$\frac{1}{2}$ - 1 $\frac{1}{4}$	
		05(R)	$\frac{1}{2}$ - 1 $\frac{1}{4}$	
		01	2	699987
		02(R)	1 $\frac{1}{2}$ - 2	
		05(R)	1 $\frac{1}{2}$ - 4	



Thermostatic Temperature Regulators

Item Code	Description	Fits Body Code	NPT	Part Number
12	COMPOSITION VALVE DISC	01	$\frac{1}{2}$ - $\frac{3}{4}$	601202
			1	699988
			$1\frac{1}{4}$	699989
			$1\frac{1}{2}$	699990
			2	600032
13	STEM ASSEMBLY	03	$\frac{3}{4}$	699994
			1 - $1\frac{1}{4}$	699995
			$1\frac{1}{2}$	699996
			2	699997
14	SEAT & PLUNGER ASSEMBLY	03	$\frac{3}{4}$	699900
			1	699901
			$1\frac{1}{4}$	699902
			$1\frac{1}{2}$	699903
			2	699904
15	TOP & BOTTOM PLATE GASKET (SET OF 2)	05(R)	$2\frac{1}{2}$	699926
			3	699927
			4	699928
16	PISTON	06	$\frac{1}{2}$	699915
			$\frac{3}{4}$	699916
			1	699917
			$1\frac{1}{4}$	699918
			$1\frac{1}{2}$	699919
			2	699920
			$2\frac{1}{2}$	699921
			3	699922
			4	699879
17	"O"RING	06	$\frac{1}{2}$ - 1	601101
			$1\frac{1}{4}$	699910
			$1\frac{1}{2}$	699911
			2	699912
			$2\frac{1}{2}$	699913
			3	699914
			4	699880
18	TOP PLATE GASKET	06	$2\frac{1}{2}$	699899
			3	699898
			4	699897
19	UNION NUT & TAILPIECE (SET OF 1 EACH)	All	$\frac{1}{2}$	699886
			$\frac{3}{4}$	699885
			1	699884
			$1\frac{1}{4}$	699883
			$1\frac{1}{2}$	699882
			2	699881