

**Thermostatic Valve
Cross Reference**

CROSS REFERENCE GUIDE FOR BASE MODELS ONLY - REVIEW ALL OPTIONS, FEATURES, AND PLUMBING SYSTEM REQUIREMENTS FOR CORRECT CROSS

Point of Use Valve Cross Reference

	3/8"		1/2"		3/4"	1"
Bradley	S59-4000A	S59-4000BY	S59-4000	S59-4007	S59-4016	S59-4016
Leonard	170-LF	170-LF-BP		270-LF	370-LF	-
Powers	LFE480-10				LFLM495**	LFLM495**
Watts	LFUSG-B-M2				LFMMV-M1	LFMMV-M1
Symmons	7-210-CK		7-225-CK-MS	7-225-CK-PEX	7-230-CK-M	7-230-CK-FS
Zurn	ZW3870XLT	ZW3870XLT-4P		ZW1070XL		ZW1070XL
Apollo	34DLF	34DLF			34ALF	34ALF
Lawler		TMM-1070T1		570		310
				310		
Honeywell	UMV-304U				AM100**	AM102**
					AM100C1070**	AM102C1070**
Cash Acme	HG145	HG145		HG160	HG110**	HG110**
Acorn	ST70-38		ST70-12	ST7069	ST7017	ST7017
	ST70CP-38		ST70CP-12	ST7017		
Caleffi	5213				521**	521**

** Multiple options/connections offered. See competitive site for exact match

Lead-Free												
Connection Type	BRADLEY	WATTS	POWERS	ZURN	APOLLO	LEONARD	SYMMONS	LAWLER	ACORN	CALEFFI	CASH ACME	HONEYWELL
	ASSE 1017 ASSE 1069 ASSE 1070	ASSE 1017 ASSE 1069 ASSE 1070	ASSE 1017 ASSE 1069 ASSE 1070	ASSE 1070	ASSE 1017	ASSE 1017 ASSE 1070	ASSE 1017 ASSE 1070	ASSE 1016 ASSE 1070	ASSE 1017 ASSE 1070	ASSE 1017	ASSE 1017 ASSE 1069 ASSE 1070	ASSE 1070
1/2" SWT	S59-4016D	LFMMV-US M1	LFLM495-2	12-ZW1070XLC	34ALF213S	270-LF-SW	7-230-CK-FS		ST7017	521409A	HG110 (24501)	AM100-US-1LF/AM100C1070-US-1LF
1/2" NPT	S59-4016D	LFMMV-UT M1	LFLM495-1	12-ZW1070XL	34ALF213T	270-LF		310	ST7069	521400A	HG110 (24510)	AM100-1LF/AM100C1070-UT-1LF
1/2" PEX	S59-4016X	LFMMV-PEX-M1	LFLM495-4	12-ZW1070XLPEX	34ALF213X	270-LF-PEX	7-225-CK-PEX		ST7017	521407A	HG110 (24506)	AM100C1070-UPEX-1LF
3/4" SWT	S59-4016S	LFMMV-US M1	LFLM496-2	34-ZW1070XLC	34ALF214S	370-LF-SW			ST7017	521509A	HG110 (24502)	AM101-US-1LF/AM101C1070-US-1LF
3/4" NPT	S59-4016N	LFMMV-UT M1	LFLM496-1	34-ZW1070XL	34ALF214T	370-LF	7-230-CK-M	310		521500A	HG110 (25523)	AM101-1LF/AM101C1070-UT-1LF
3/4" PEX	S59-4016Y	LFMMV-PEX M1	LFLM496-4	34-ZW1070XLPEX	34ALF214X	370-LF-PEX			ST7017	521507A	HG110 (24507)	AM101C1070-UT-1LF

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Cash Acme/Bradley Cross Reference Guide

Standard

Cash Acme Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
115	2.5	27	3/4", 1", or 1 1/4"	3/4"	TMV25 (S59-2025)	2	25	3/4"	3/4"
830	4.0	51	3/4"	1"	TMV45 (S59-2045) - H	5.0	47	3/4"	1"
840	8.0	75	1"	1 1/4"	TMV80 (S59-2080) - H	8.0	74	1"	1 1/4"
850	13.0	105	1 1/4"	1 1/2"	TMV130 (S59-2130) - H	13.0	126	1 1/4"	1 1/2"
860	18.5	149	1 1/2"	2"	TMV200 (S59-21200) - H	20.0	192	2"	2"

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Lawler/Bradley Cross Reference Guide

High-Low

Lawler Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
801	1.0	50	3/4"	1"	HL45 (S59-3045)	1.5	47	3/4"	1"
802	2.0	80	1"	1 1/4"	HL80 (S59-3080)	2.0	77	1"	1 1/4"
803	3.0	125	1 1/4"	1 1/2"	HL130 (S59-3130)	4.0	126	1 1/4"	1"
804	4.0	150	1 1/2"	2"	HL200 (S59-3200)	5.0	192	2"	2"
805	5.0	200	2"	2"	HL200 (S59-3200)	5.0	192	2"	2"

Standard

Lawler Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
61-10	0.5	10	1/2"	1/2"	S59-2007	0.5	8	1/2"	1/2"
61-15	0.5	15	1/2"	1/2"	TMV25 (S59-2025)	2.0	25	3/4"	3/4"
61-25	1.0	25	1/2"	1/2"	TMV25 (S59-2025)	2.0	25	3/4"	3/4"
66-25	3.75	25	3/4"	3/4"	TMV25 (S59-2025)	2.0	25	3/4"	3/4"
66-50	7.5	50	3/4"	1"	TMV80 (S59-2080)	8.0	74	1"	1 1/4"
66-80	12.0	80	1"	1 1/4"	TMV80 (S59-2080)	8.0	74	1"	1 1/4"
66-125	18.75	125	1 1/4"	1 1/4"	TMV130 (S59-2130)	13.0	126	1 1/4"	1 1/2"
66-150	22.5	150	1 1/2"	2"	TMV200 (S59-2200)	20.0	192	2"	2"
66-200	30.0	200	2"	2"	TMV200 (S59-2200)	20.0	192	2"	2"

Emergency Fixtures

Lawler Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
911	2.0	72	1 1/4"	1 1/4"	EFX50 (S19-2250)	3.0	54	1"	1 1/4"
911E	2.0	30	1 1/4"	1 1/4"	EFX20 (S19-2150)	3.0	25.5	3/4"	1"
911E/F	2.0	10	1/2"	1/2"	EFX8 (S19-2000)	1.5	9	1/2"	1/2"

Individual Shower Valve

Lawler Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
3000	0.5	5.5	1/2"	1/2"	S59-2005	0.5	4	1/2"	1/2"
3500	0.5	5.5	1/2"	1/2"	S59-2005	0.5	4	1/2"	1/2"
3800	0.5	5.5	1/2"	1/2"	S59-2005	0.5	4	1/2"	1/2"
3900	0.5	5.5	1/2"	1/2"	S59-2005	0.5	4	1/2"	1/2"

Sink/Faucet Valve

Lawler Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
310	0.5	8	1/2"	3/4"	S59-2007	0.5	8	1/2"	3/4"
570	0.5	12	1/2"	1/2"	S59-4007	0.5	7.5	1/2"	1/2"
410	0.5	20	3/4"	3/4"	S59-4016	0.5	15	1/2"	1/2"

Thermostatic Valve

Cross Reference

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Caleffi/Bradley Cross Reference Guide

Standard

Caleffi Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
5231*	4.4	35	1"	1"
5231*	4.4	40	1/4"	1/4"
5231*	8.8	62	1/2"	1/2"
5231*	8.8	75	2"	2"

* Caleffi offers multiple options/connections offered. See Caleffi Product Guide for all configurations

Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
TMV45 (S59-2045)	5.0	47	3/4"	1"
TMV45 (S59-2045)	5.0	47	3/4"	1"
TMV80 (S59-2080)	8.0	74	1"	1 1/4"
TMV80 (S59-2080)	8.0	74	1"	1 1/4"

H/L Recirculation Systems

Caleffi Model	Min. Flow Capacity (GPM)	Flow Differential at 30 PSI	Inlet Size	Outlet Size
NA52367HL	1	50	1"	1 1/4"

Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 30 PSI	Inlet Size	Outlet Size
S59-3080	2	63	1"	1 1/4"

Thermostatic Valve

Cross Reference

CROSS REFERENCE GUIDE FOR BASE MODELS ONLY - REVIEW ALL OPTIONS, FEATURES, AND PLUMBING SYSTEM REQUIREMENTS FOR CORRECT CROSS

Symmons/Bradley Cross Reference Guide

Standard

Symmons Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
7-102	0.5	11	1/2"	1/2"	S59-2007	0.5	8	1/2"	1/2"
7-200	5.0	27	3/4"	3/4"	TMV25 (S59-2025)	2.0	25	3/4"	3/4"
7-400	9.0	53	3/4"	1"	TMV80 (S59-2080)	8.0	74	1"	1 1/4"
7-500	13.0	70	1"	1 1/4"	TMV80 (S59-2080)	8.0	74	1"	1 1/4"
7-700	13.0	77	1 1/4"	1 1/2"	TMV80 (S59-2080)	8.0	74	1"	1 1/4"
7-900	13.0	104	1 1/2"	1 1/2"	TMV130 (S59-2130)	13.0	126	1 1/4"	1 1/2"
7-1000	13.0	140	1 1/2"	2"	TMV130 (S59-2130)	13.0	126	1 1/4"	1 1/2"

H/L Recirculation Systems

Symmons Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
7-200-102-PRV	0.5	38	3/4"	3/4"	HL45 (S59-3045)	1.5	47	3/4"	1"
7-400-102-PRV	0.5	64	3/4"	1"	HL80 (S59-3080)	2.0	77	1"	1 1/4"
7-500-102-PRV	0.5	81	1"	1 1/4"	HL80 (S59-3080)	2.0	77	1"	1 1/4"
7-700-102-PRV	0.5	88	1 1/4"	1 1/2"	HL80 (S59-3080)	2.0	77	1"	1 1/4"
7-900-102-PRV	0.5	115	1 1/2"	1 1/2"	HL130 (S59-3130)	4.0	126	1 1/4"	1"
7-1000-102-PRV	0.5	151	1 1/2"	2"	HL200 (S59-3200)	5.0	192	2"	2"
7-900-200-PRV	5.0	131	1 1/2"	1 1/2"	HL130 (S59-3130)	4.0	126	1 1/4"	1"
7-1000-200-PRV	5.0	167	1 1/2"	2"	HL200 (S59-3200)	5.0	192	2"	2"

Options

Cabinet Type	Symmons	Bradley
Stainless Steel	T	SS or RS
White Enamel Finish	B	SE or RE
Piping Assembly	A	N/A
Semi-Recessed Cabinet	S	RS or RE
Surface Mounted Cabinet	M	SS or SE

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Cross Reference

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Speakman/Bradley Cross Reference Guide

Emergency Fixtures

Speakman Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
SE-370	1.5	9	1/2"	1/2"	EFX8 (S19-2000)	2.0	9	1/2"	1/2"
SE-362	3.0	25.5	3/4"	1"	EFX20 (S19-2150)	2.0	25.5	3/4"	1"
SE-350	3.0	54	1"	1 1/4"	EFX50 (S19-2250)	2.0	54	1"	1 1/4"

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Honeywell/Bradley Cross Reference Guide

Standard

Honeywell Model	Min. Flow Capacity (GPM)	Flow Differential at 30 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 30 PSI	Inlet Size	Outlet Size
MX127LF/U	1.0	22	1"	1"	TMV25 (S59-2025) - H	2.0	20	3/4"	3/4"
MX128LF/U	2.5	50	1 1/4"	1 1/4"	HL80 (S59-3080) - H	2.0	63	1"	1 1/4"
MX129LF/U	3.5	75	1 1/2"	1 1/2"	HL130 (S59-3130) - H	4.0	102	1 1/4"	1 1/2"
MX130LF/U	5.0	100	2"	2"	HL130 (S59-3130) - H	4.0	102	1 1/4"	1 1/2"
MX131LF/U	10.5	186	2 1/2"	2 1/2"	HL2X1 (S59-3260) - H	8.0	204	2"	2"
MX132LF/U	15.8	274	3"	3"	HL2X2 (S59-3400) - H	10.0	314	3"	3"

Thermostatic Valve Cross Reference

CROSS REFERENCE GUIDE FOR BASE MODELS ONLY - REVIEW ALL OPTIONS, FEATURES, AND PLUMBING SYSTEM REQUIREMENTS FOR CORRECT CROSS

Acorn/Bradley Cross Reference Guide

High-Low

Acorn Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
MV17-1	0.5	15	1/2"	1/2"	NA				
MV17-2	1.0	45	3/4"	1"	HL45 (S59-3045)	2.0	77	3/4"	1"
MV17-3	2.0	90	1"	1 1/4"	HL80 (S59-3080)	2.0	77	1"	1 1/4"
MV17-4	3.0	150	1 1/4"	1 1/2"	HL130 (S59-3130)	4.0	126	1 1/4"	1"
MV17-5	4.0	225	1 1/2"	2"	HL200 (S59-3200)	5.0	192	2"	2"
MV17CP-1	0.5	15	1/2"	1/2"	NA				
MV17CP-2	1.0	45	3/4"	1"	HL45 - C (S59-3045)	2.0	77	3/4"	1"
MV17CP-3	2.0	90	1"	1 1/4"	HL80 - C (S59-3080)	2.0	77	1"	1 1/4"
MV17CP-4	3.0	150	1 1/4"	1 1/2"	HL130 - C (S59-3130)	4.0	126	1 1/4"	1"
MV17CP-5	4.0	225	1 1/2"	2"	HL200 - C (S59-3200)	5.0	192	2"	2"

H/L Recirculation Systems

Acorn Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
SFMV-1	0.5	15	1/2"	1/2"	TMV25 - P (S59-2025)	2.0	20	3/4"	3/4"
SFMV-2	1.0	45	3/4"	1"	TMV45 - P (S59-2045)	5.0	37	3/4"	1"
SFMV-3	2.0	90	1"	1 1/4"	TMV80 - P (S59-2080)	8.0	74	1"	1 1/4"
SFMV-4	3.0	150	1 1/4"	1 1/2"	TMV130 - P (S59-2130)	13.0	126	1 1/4"	1 1/2"
SFMV-5	4.0	225	1 1/2"	2"	TMV200-P (S59-2200)	20.0	192	2"	2"

Emergency Fixtures

Acorn Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
ET71-1	0.5	12	1/2"	1/2"	EFX8 (S19-2000)	2.0	9	1/2"	1/2"
ET71-2	1.0	43	3/4"	1"	EFX20 (S19-2150)	2.0	25.5	3/4"	1"
ET71-3	2.0	86	1"	1 1/4"	EFX50 (S19-2250)	2.0	54	1"	1 1/4"
ET71-4	3.0	150	1 1/4"	1 1/2"	EFX120 (S19-2350)	2.0	92	1 1/4"	1 1/2"

Emergency Recirculation Systems

Acorn Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
SFET-1	0.5	12	1/2"	1/2"	NA				
SFET-2	1	43	3/4"	1"	EFX20 - P (S19-2150)	3.0	36.8	3/4"	1"
SFET-3	2	86	1"	1 1/4"	EFX50 - P (S19-2250)	3.0	73	1"	1 1/4"
SFET-4	3	135	1 1/4"	1 1/2"	EFX120 - P (S19-2350)	3.0	112	1 1/4"	1 1/2"

Sink/Shower Valve

Acorn Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
ST7069	0.5	12	1/2"	1/2"	S59-2007	0.5	8	1/2"	1/2"

Sink/Shower Recirculation Systems

Acorn Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
SFST	0.5	12	1/2"	1/2"	NA				

Options

Cabinet Type	Acorn	Bradley
Stainless Steel Surface Mount	SMC-SSTL	SS
Stainless Steel Recessed Mount	RC-SSTL	RS
Baked White Enamel Surface Mount	SMC-PRC	SE
Baked White Enamel Recessed Mount	RC-PRC	RE

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Cross Reference

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Leonard/Bradley Cross Reference Guide

Electronic Mixing Valves

Table with columns: Leonard Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size, Bradley Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size. Rows include Megaron NX-XXX and NX-XXX-LF.

No direct equal for Digital Temperature Control and Monitoring systems. We can only provide a mechanical alternative that will need to be approved. No direct equal for Digital Temperature Control and Monitoring systems. We can only provide a mechanical alternative that will need to be approved.

High-Low

Table with columns: Leonard Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size, Bradley Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size. Rows include TM-4208-LF-DT and TM-4208-LF-DT-2P.

Leonard Model LF High Capacity

Table with columns: Leonard Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size, Bradley Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size. Rows include TM-1520B-2P-LF and TM-3020B-2P-LF.

Leonard Model LF Thermostatic H. Master Mixer

Table with columns: Leonard Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size, Bradley Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size. Rows include XL-32A-LF-BDT and XL-32-LF-BDT.

Leonard Model LF Recirculation Piping Assemblies

Table with columns: Leonard Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size, Bradley Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size. Rows include TM-186-2B-LF-DT-RF-R34 and TM-186-4208-LF-DT-RF-R34.

Standard

Table with columns: Leonard Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size, Bradley Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size. Rows include LF Thermostatic Master Mixers (Sigma Valves) like TFL-F and TM-62-LF.

Leonard Model LF Expansion Valve Assemblies

Table with columns: Leonard Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size, Bradley Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size. Rows include TA-25A-LF and TA-25-LF.

Recirculation Systems

Table with columns: Leonard Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size, Bradley Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size. Rows include TA-25-LF and TM-62-LF.

Emergency Fixtures

Table with columns: Leonard Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size, Bradley Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size. Rows include TA-300-LF and TA-350-LF.

Individual Shower Valve

Table with columns: Leonard Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size, Bradley Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size. Rows include 7600 and 7600-E.

LF-Dams Showers

Table with columns: Leonard Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size, Bradley Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size. Rows include 269-LF and 369-LF.

Point of Use Valve

Table with columns: Leonard Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size, Bradley Model, Mn. Flow Capacity (GPM), Flow Differential (#45 PSI), Inlet Size, Outlet Size. Rows include 170-LF and 170-LF-DT.

Options

Table with columns: Cabinet Type, Leonard, Bradley, Options Cross Reference, Leonard, Bradley. Rows include Stainless Steel Exposed Cabinet, Stainless Steel Recessed Cabinet, etc.

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Powers/Bradley Cross Reference Guide

High-Low

Powers Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
LFSH1432	1.0	57	3/4"	1"	HL45 (S59-3045)	1.5	47	3/4"	1"
LFMM431HL	0.5	65	3/4"	3/4"	HL80 (S59-3080)	2.0	77	1"	1-1/4"
LFMM432HL	0.5	87	3/4"	1"	HL80 (S59-3080)	2.0	77	1"	1-1/4"
LFSH1434	1.0	127	1-1/4"	1-1/2"	HL130 (S59-3130)	4.0	126	1-1/4"	1-1/2"
LFMM433HL	0.5	133	1-1/4"	1-1/4"	HL130 (S59-3130)	4.0	126	1-1/4"	1-1/2"
LFSH1435	5.0	201	2"	2"	HL200 (S59-3200)	5.0	192	2"	2"
LFMM434HL	0.5	167	1-1/4"	1-1/2"	HL200 (S59-3200)	5.0	192	2"	2"
LFMM435HL	3.0	186	1-1/4"	1-1/2"	HL200 (S59-3200)	5.0	192	2"	2"
LFSH1432HL	1.0	201	1-1/2"	2"	HL200 (S59-3200)	5.0	192	2"	2"
LFSH1432DV	2.0	184	1-1/2"	2"	HL200 (S59-3200)	5.0	192	2"	2"

High Capacity

Powers Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
LFSH1434DV	2.0	251	2"	2-1/2"	HL2X1 (S59-3260)	8.0	252	2"	2"
LFSH1434HL	1.0	271	2"	2-1/2"	HL2X2 (S59-3400)	10.0	384	3"	3"
LFSH1434TV	1.0	416	2-1/2"	3"	HL2X2 (S59-3400)	10.0	384	3"	3"
LFSH1434QV	1.0	559	2-1/2"	3"	N/A	-	-	-	-
LFSH1434-6V	1.0	847	2-1/2"	4"	N/A	-	-	-	-

*Bradley does not have a direct equal for any Powers IntelliStation systems. We can only provide a mechanical alternative that will need to be approved.

Standard

Powers Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
LFMM431	3.0	42	3/4"	3/4"	TMV45 (S59-2045)	5.0	37	3/4"	1"
LFMM432	4.0	64	3/4"	1"	TMV80 (S59-2080)	8.0	74	1"	1-1/4"
LFMM433	5.0	110	1-1/4"	1-1/4"	TMV130 (S59-2130)	13.0	126	1-1/4"	1-1/2"
LFMM434	7.0	144	1-1/4"	1-1/2"	TMV200 (S59-2200)	20.0	192	2"	2"
LFMM435	10.0	208	2"	2"	TMV200 (S59-2200)	20.0	192	2"	2"

Emergency Fixtures

Powers Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
ES150	1.0	10.7	1/2" NPT	1/2" NPT	EFX8 (S19-2000)	1.5	9	1/2" NPT	1/2" NPT
ETV200	3.0	40.2	3/4" NPT	1" NPT	EFX20 (S19-2150)	3.0	25.5	3/4" NPT	1" NPT
ETV400	3.0	102	1-1/4" NPT	1-1/2" NPT	EFX50 (S19-2250)	3.0	54	1" NPT	1-1/4" NPT
ETV500	3.0	146.2	2" NPT	2" NPT	EFX120 (S19-2350)	3.0	92	1-1/4" NPT	1-1/2" NPT
					NRS-20	5.0	192	2"	2"

Individual Shower Valve

Powers Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
e705	1.0	4	1/2" Sweat	1/2" Sweat	S59-2005 (1C-TMV)	0.5	4	1/2" NPT	1/2" NPT
e707	1.0	4	1/2" Sweat	1/2" Sweat	S59-2005 (1C-TMV)	0.5	4	1/2" NPT	1/2" NPT
e710	1.0	4	1/2" Sweat	1/2" Sweat	S59-2005 (1C-TMV)	0.5	4	1/2" NPT	1/2" NPT
e420	1.0	5	1/2" NPT or S	1/2" NPT or Sweat	S59-2005 (1C-TMV)	0.5	4	1/2" NPT	1/2" NPT
e423	1.0	5	1/2" NPT	1/2" NPT	S59-2005 (1C-TMV)	0.5	4	1/2" NPT	1/2" NPT
F727	1.0	4	1/2" Sweat	1/2" Sweat	S59-2005T1 (TMVT1)	0.5	4	1/2" NPT	1/2" NPT
e427	2.5	14	1/2" NPT	1/2" NPT	N/A				
e428	2.5	14	1/2" NPT	1/2" NPT	N/A				

Sink/Faucet Valve

Powers Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
LFLM490	0.5	23	1/2"	1/2"	S59-2025	2.0	25	3/4" NPT	3/4" NPT
LFLM491	0.5	23	3/4"	3/4"	S59-2025	2.0	25	3/4" NPT	3/4" NPT
LFLM492	0.5	23	1"	3/4"	S59-2025	2.0	25	3/4" NPT	3/4" NPT
LFLM495	0.5	12	1/2"	1/2"	S59-4016D	0.5	15	1/2" NPT	1/2" NPT
LFLM496	0.5	12	3/4"	3/4"	S59-4016N	0.5	15	3/4" NPT	3/4" NPT
LFLM497	0.5	12	1"	1"	S59-4016N	0.5	15	3/4" NPT	3/4" NPT
LF480	0.5	4.2	1/2" or 3/8"	1/2" or 3/8"	S59-4000	0.35	5.5	1/2" or 3/8"	1/2" or 3/8"
LF480	0.25	3	1/2" or 3/8"	1/2" or 3/8"	S59-4000	0.35	5.5	1/2" or 3/8"	1/2" or 3/8"

Cabinet Cross Reference

Cabinet Type	Powers	Bradley
Stainless Steel Surface Mount	Q	SS
Stainless Steel Recessed Mount	N	RS
Baked White Enamel Surface Mount	U	SE
Baked White Enamel Recessed Mount	R	RE

Thermostatic Valve Cross Reference

CROSS REFERENCE GUIDE FOR BASE MODELS ONLY - REVIEW ALL OPTIONS, FEATURES, AND PLUMBING SYSTEM REQUIREMENTS FOR CORRECT CROSS

Rada/Bradley Cross Reference Guide

Emergency Fixtures

Rada Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
Z358-20	1.0	23	1" NPT	3/4" NPT
Z358-40	2.0	46	1-1/4" NPT	1-1/4" NPT

Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
EFX20 (S19-2150)	3.0	25.5	3/4" NPT	1" NPT
EFX50 (S19-2250)	3.0	54	1" NPT	1-1/4" NPT

Standard and High-Low Valves

Rada Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
320	1.0	23	1" NPT	1" NPT
425	1.0	46	1-1/4" NPT	1-1/4" NPT

Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
TMV25 (S59-2025)	2.0	25	3/4" NPT	3/4" NPT
HL45 (S59-3045)	1.5	47	3/4" NPT	1" NPT

Point Of Use Valves

Rada Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
215	0.5	11	1/2" NPT	1/2" NPT

Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
S59-4016D	0.5	15	1/2" NPT/swee	1/2" NPT/sweat

Digital Mixing Valves

*Bradley does not have digital mixing valves and can only provide alternates

Rada Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
DRV40(R)	0	98	1 1/2"	1 1/2"
DRV50(R)	0	188	2"	2"
DRV80(R)	0	188	3"	3"

Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 45 PSI	Inlet Size	Outlet Size
HL130 (S59-3130)	4.0	83	1 1/4"	1"
HL 2x1 (S59-3260)	8.0	166	2"	2"
HL 2x1 (S59-3260)	10.0	166	2"	2"

Thermostatic Valve

Cross Reference

CROSS REFERENCE GUIDE FOR BASE MODELS ONLY - REVIEW ALL OPTIONS, FEATURES, AND PLUMBING SYSTEM REQUIREMENTS FOR CORRECT CROSS

Holby/Bradley Cross Reference Guide

Standard

Holby Model	Min. Flow Capacity (GPM)	Flow Differential at 25 PSI	Inlet Size	Outlet Size	Bradley Model	Min. Flow Capacity (GPM)	Flow Differential at 25 PSI	Inlet Size	Outlet Size
Holby 1/2"	3.0	15			TMV25 (S59-2025)	2.0	18		
Holby 3/4"	4.0	22			TMV45 (S59-2045)	5.0	28		
Holby 1"	5.0	24			TMV45 (S59-2045)	5.0	28		
Holby 1 1/4"	12.0	62			TMV80 (S59-2080)	8.0	57		
Holby 1 1/2"	19.0	95			TMV130 (S59-2130)	13.0	93		
Holby 2"	40.0	200			HL2X1 (S59-3260)	8.0	184		
Holby 2 1/2"	50.0	250			HL2X2 (S59-3400)	10.0	280		
Holby 3"	85.0	420			Contact Bradley				
Holby 4"	100.0	500			Contact Bradley				