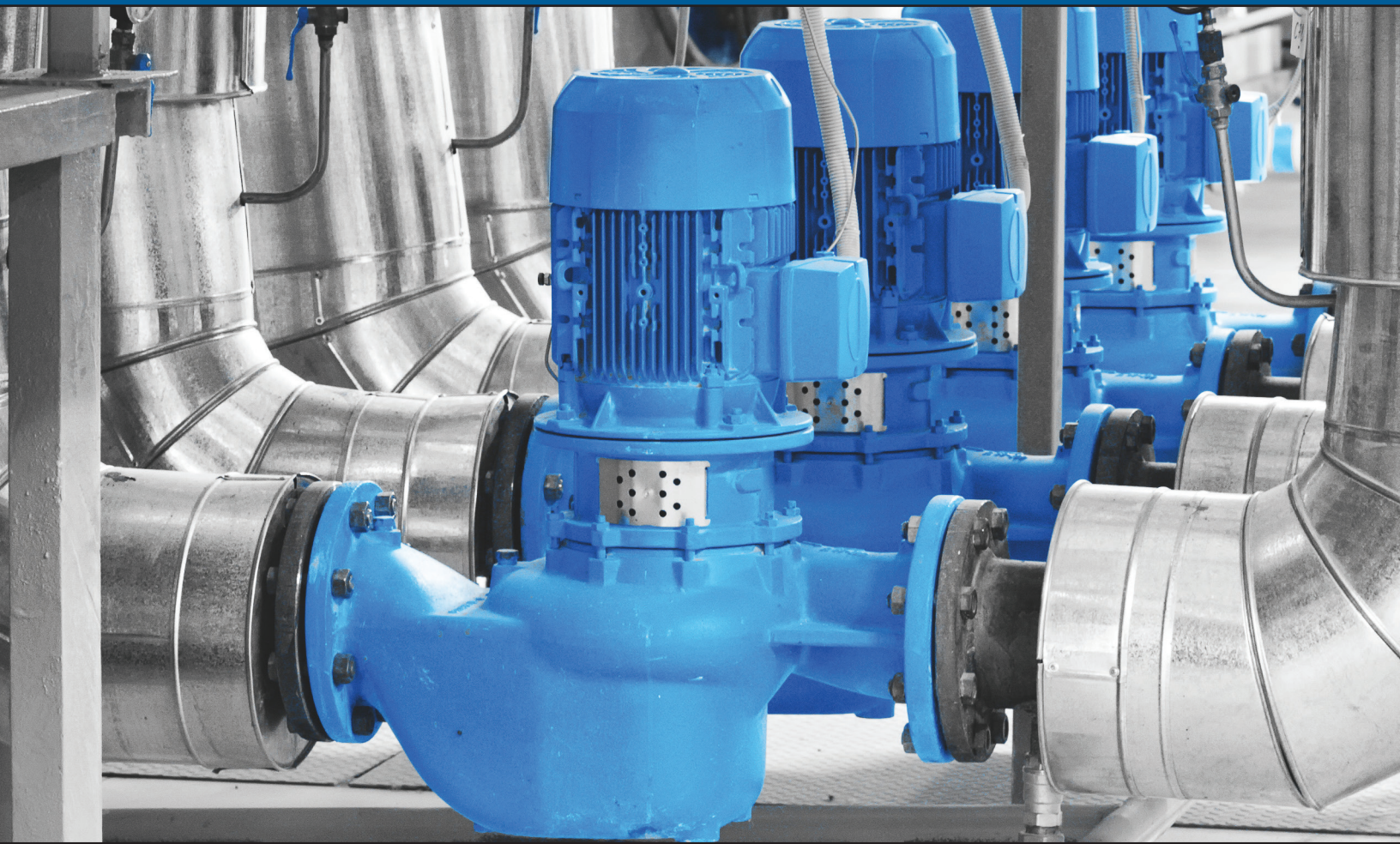


Boiler Pump Selection Guide



SOLIS®

PUMP OFFERING

Product	Max Flow (GPM)	Min Flow (GPM)	Max Pressure Drop (FT)	Pump (Single Speed)	HP	Pump (Variable)	Minimum Differential (Single Speed)	Minimum Temperature Differential (Variable)
SOLIS 725	70	4	4.7		0.5	XL 20-140	N/A	20° F ΔT
SOLIS 725	70	4	4.7	E90 2AAB	0.75		20° F ΔT	N/A
SOLIS 850	81	4	5.5		0.5	XL 40-140	N/A	20° F ΔT
SOLIS 850	81	4	5.5	E90 2AAB	0.75		20° F ΔT	N/A
SOLIS 1000	96	10	2.4		2	XL 40-275	N/A	20° F ΔT
SOLIS 1000	96	10	2.4	E90 2AAB	0.75		20° F ΔT	N/A
SOLIS 1500	144	20	2.9		1	XL 40-200	N/A	20° F ΔT
SOLIS 2000	192	20	5.2		2	XL 40-275	N/A	20° F ΔT
SOLIS 2500	240	25	7.3		2	XL 40-275	N/A	20° F ΔT
SOLIS 3000	288	25	10.5		3	XL 45-375	N/A	20° F ΔT



STORM®

PUMP OFFERING

Product	Max Flow (GPM)	Min Flow (GPM)	Max Pressure Drop (FT)	Pump (Single Speed)	HP	Pump (Variable)	Minimum Differential (Single Speed)	Minimum Temperature Differential (Variable)
STORM 1250	121	38	18.8		2	XL 40-275	N/A	20° F Δ T
STORM 1250	121	38	18.8	E90 2AAB	1		20° F Δ T	N/A
STORM 1500	146	46	23		2	XL 40-275	N/A	20° F Δ T
STORM 1500	146	46	23	E90 2AAB	1		25° F Δ T	N/A
STORM 1750	170	54	20		2	XL 40-275	N/A	20° F Δ T
STORM 1750	170	54	20	E90 2AAB	1		25° F Δ T	N/A
STORM 2000	194	62	26		2	XL 40-275	N/A	20° F Δ T
STORM 2000	194	62	26	E90 2AAB	1		30° F Δ T	N/A
STORM 2500	242.5	69.3	16.9		2	XL 40-275	N/A	25° F Δ T
STORM 3000	291	83.1	24.3		2	XL 40-275	N/A	25° F Δ T
STORM 3500	339.5	97	19.6		2	XL 40-275	N/A	30° F Δ T
STORM 3500	339.5	97	19.6		3	XL 45-375	N/A	20° F Δ T
STORM 4000	388	110.9	25.6		2	XL 40-275	N/A	30° F Δ T
STORM 4000	388	110.9	25.6		3	XL 45-375	N/A	25° F Δ T
STORM 5000	485	161	26.1		3	XL 45-375	N/A	35° F Δ T
STORM 5000	485	161	26.1		2	XL 40-275	N/A	40° F Δ T
STORM 6000	582	194	37.6		3	XL 45-375	N/A	40° F Δ T
STORM 6000	582	194	37.6		2	XL 40-275	N/A	45° F Δ T
STORM 8000	776	256	66.9		3	XL 45-375	N/A	50° F Δ T

MACH®

PUMP OFFERING

Product	Max Flow (GPM)	Min Flow (GPM)	Max Pressure Drop (FT)	Pump (Single Speed)	HP	Pump (Variable)	Minimum Differential (Single Speed)	Minimum Temperature Differential (Variable)
MACH CM300	28	6	11	E90 1.5AAB	0.5	XL 15-75	20° F ΔT	20° F ΔT
MACH CM399	37	8	11.5	E90 1.5AAB	0.5	XL 15-75	20° F ΔT	20° F ΔT
MACH CM500	46	10	18	E90 1.5AAB	0.5	XL 20-140	20° F ΔT	20° F ΔT
MACH 750	75	15	12	E90 2AAB	0.75	XL 20-140	20° F ΔT	20° F ΔT
MACH 900	90	18	12	E90 2AAB	0.75	XL 20-140	20° F ΔT	20° F ΔT
MACH 1050	110	22	12	E90 2AAB	0.75	XL 40-275	20° F ΔT	20° F ΔT
MACH 1500	141	28	13	E90 3AAB	1	XL 40-275	20° F ΔT	20° F ΔT
MACH 2000	188	38	16		2	XL 40-275	N/A	20° F ΔT
MACH 2500	238	47	16		2	XL 40-275	N/A	20° F ΔT
MACH 2500	238	47	16		3	XL 45-375	N/A	20° F ΔT
MACH 3000	285	57	20		2	XL 40-275	N/A	30° F ΔT
MACH 3000	285	57	20		3	XL 45-375	N/A	20° F ΔT
MACH 4000	380	76	16		2	XL 40-275	N/A	30° F ΔT
MACH 4000	380	76	16		3	XL 45-375	N/A	25° F ΔT



Choosing the right pump!

The e-90 pump uses a modern unitized mechanical seal with a stainless steel drive mechanism that puts less torsional stress on the seal bellows, allowing for longer mechanical seal life.



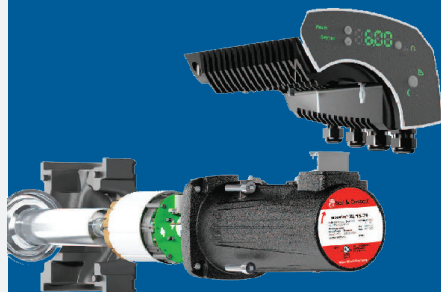
SONIC®

PUMP OFFERING

Product	Max Flow (GPM)	Min Flow (GPM)	Max Pressure Drop (FT)	Pump (Single Speed)	HP	Pump (Variable)	Minimum Differential (Single Speed)	Minimum Temperature Differential (Variable)
SONIC 650	62	25	15	E90 2AAB	0.75	XL 20-140	25° F Δ T	25° F Δ T
SONIC 750	72	25	20	E90 2AAB	0.75	XL 40-200	25° F Δ T	25° F Δ T
SONIC 850	82	30	23	E90 2AAB	1	XL 40-200	25° F Δ T	25° F Δ T
SONIC 1000	92	30	29	E90 2AAB	1	XL 40-200	25° F Δ T	25° F Δ T
SONIC 1500	145	46	20.5		2	XL 40-275	N/A	20° F Δ T
SONIC 2000	192	62	35		2	XL 40-275	N/A	25° F Δ T
SONIC 3000	285	93	17.5		2	XL 40-275	N/A	30° F Δ T
SONIC 4000	384	125	32		2	XL 40-275	N/A	35° F Δ T



The Ecocirc XL is a highly efficient circulator that enhances commercial hydronics systems with superior quality and dependability. State-of-the-art hydraulics, advanced motor design, intelligent controls, and smart communication capabilities highlight expert engineering across a broad range of HVAC and plumbing applications.



THERMIFIC VELOX™ & MFD™ PUMP OFFERING

Product	Max Flow (GPM)	Min Flow (GPM)	Max Pressure Drop (FT)	Pump (Single Speed)	HP	Pump (Variable)	Minimum Differential (Single Speed)	Minimum Temperature Differential (Variable)
THERMIFIC VELOX/MFD N750	120	60	10	E90 3AAB	1	XL 40-200	10° F ΔT	10° F ΔT
THERMIFIC VELOX/MFD N1000	150	80	11	E90 3AAB	1	XL 40-275	12° F ΔT	12° F ΔT
THERMIFIC VELOX/MFD N1500	150	90	12.5	E90 3AAB	1	XL 40-200	17° F ΔT	17° F ΔT
THERMIFIC VELOX N1700	165	100	15	E90 3AAB	1	XL 40-275	17° F ΔT	17° F ΔT
THERMIFIC VELOX/MFD 2000	180	120	18	E90 3AAB	1	XL 40-275	20° F ΔT	20° F ΔT
MFD 2500	270	165	12		2	XL 40-275	N/A	25° F ΔT
THERMIFIC VELOX 3000	325	165	17		2	XL 40-275	N/A	25° F ΔT



The e-90 pump is a versatile in-line pump that offers wide hydraulic coverage well suited for the small commercial HVAC market.

Features and Benefits:

- Ease of Selections
- Ease of Installation
- High Hydraulic Efficiency
- Robust Design
- Ease of Maintenance



Water Heating Pump Selection Guide



SONIC®

SCD SERIES PUMP OFFERING

Product	Max Flow (GPM)	Min Flow (GPM)	Max Pressure Drop (FT)	Pump (Single Speed)	HP	Pump (Variable)	Minimum Differential (Single Speed)	Minimum Temperature Differential (Variable)
SCD650	62	25	15	E90 2AAB	1	XL 20-140	25° F ΔT	25° F ΔT
SCD750	72	25	20	E90 2AAB	1	XL 40-200	25° F ΔT	25° F ΔT
SCD850	82	30	23	E90 2AAB	1	XL 40-200	25° F ΔT	25° F ΔT
SCD1000	92	30	29	E90 2AAB	1	XL 40-200	25° F ΔT	25° F ΔT

THERMIFIC VELOX™ & MFD™

W SERIES PUMP OFFERING

Product	Max Flow (GPM)	Min Flow (GPM)	Max Pressure Drop (FT)	Pump (Single Speed)	HP	Pump (Variable)	Minimum Differential (Single Speed)	Minimum Temperature Differential (Variable)
W750	120	60	10	E90 3AAB	1	XL 40-200	10° F ΔT	10° F ΔT
W1000	150	80	11	E90 3AAB	2	XL 40-275	12° F ΔT	12° F ΔT
W1500	150	90	12.5	E90 3AAB	1	XL 40-200	17° F ΔT	17° F ΔT
W1700	165	100	15	E90 3AAB	2	XL 40-275	17° F ΔT	17° F ΔT
W2000	180	120	18	E90 3AAB	2	XL 40-275	20° F ΔT	20° F ΔT