

Smedegaard SimFlex™

Energy Savings of 40%-60%



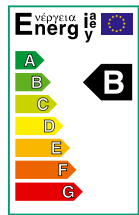
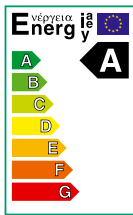
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The new SimFlex™



SimFlex – Simple and Flexible

All standard circulators regardless of brand can now easily be replaced with an energy saving circulator from the new SimFlex range of self-regulating circulators.

SimFlex stands for simple and flexible – simple to adjust and simple to install – flexible in operation.

Energy Saving – up to 40% - 60%

The SimFlex is an economical solution both in initial and operational cost. The pump is competitively priced and represents very good value when compared to standard circulators or more complex electronic units. In operation, the SimFlex can save between 40% and 60% of the energy consumption compared with a standard fixed speed pump.

Environmentally Beneficial

Smedegaard's SimFlex is designed for minimum energy consumption.

The self-regulating SimFlex is the answer to all energy wastage.

SimFlex adjust automatically depending on the required duty.

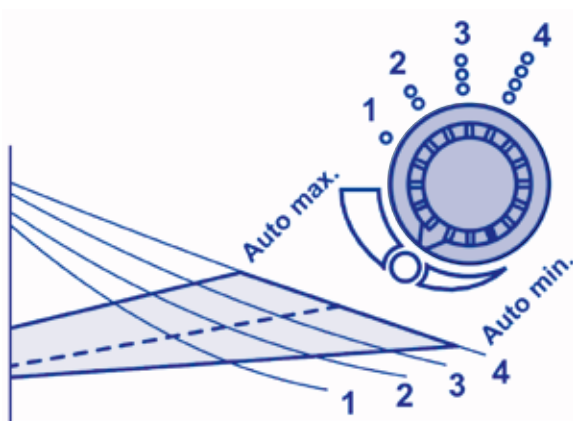
Designed to the proven Smedegaard 1-2-3 principles, SimFlex provides economic, environmental and technical advantages.

Long Service Life

The motors in the SimFlex are manufactured with internal stainless steel parts and carbon bearings, thereby providing stable operation and long service life. The automatically adjusting pump capacity can also reduce noise in the heating system.

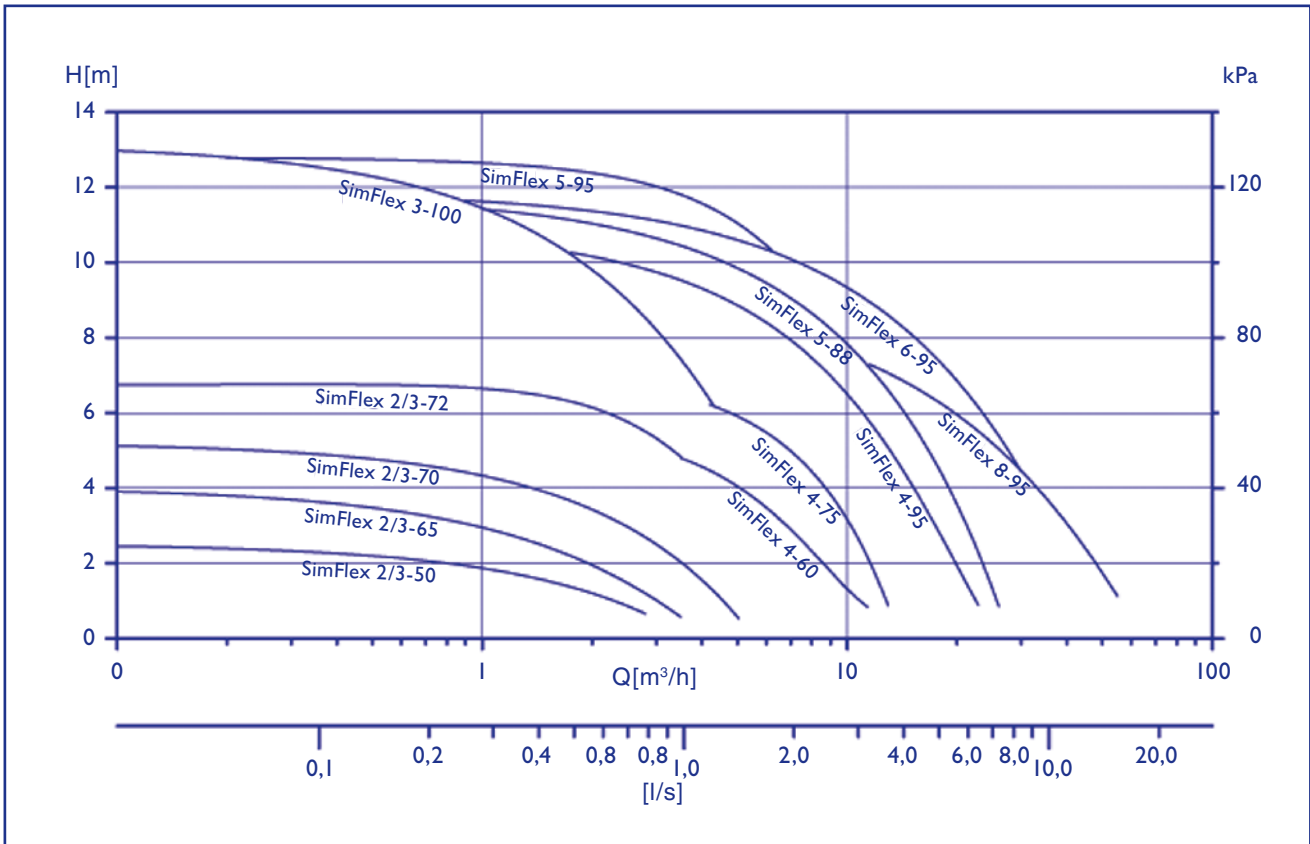
Replacement lists

Please see the replacement list on the back of this leaflet or consult Smedegaard directly.



The new “plug in” electrical connector simplifies wiring. The enhanced control regulator located on the side of the terminal box can easily be adjusted to automatic speed regulation or fixed speed. Positioned on the front of the terminal box are two light emitting diodes for indication of power on or fault condition.

Save 40%-60%



For higher capacities use larger IsoBar models or the glanded OmegaDrive models with integrated variable frequency regulation.

SimFlex	Supply voltage	Connection	Length mm	Best duty point		Energy rating
				m ³ /h	mWe	
SimFlex 2-50C	1 x 230	1" union	180	1,6	1,3	A
SimFlex 2-50C	1 x 230	1" union	130	1,6	1,3	A
SimFlex 2-65C	1 x 230	1" union	180	2	1,85	B
SimFlex 2-65C	1 x 230	1" union	130	2	1,85	B
SimFlex 2-70C	1 x 230	1" union	180	2	2,45	B
SimFlex 2-70C	1 x 230	1" union	130	2	2,45	B
SimFlex 2-72C	1 x 230	1" union	180	4,7	3,8	B
SimFlex 3-65C	1 x 230	1 1/4" union	180	2	1,85	B
SimFlex 3-70C	1 x 230	1 1/4" union	180	2	2,45	B
SimFlex 3-72C	1 x 230	1 1/4" union	180	4,7	3,8	B
SimFlex 3-100C	1 x 230	1 1/4" union	180	4,8	5,9	B
SimFlex 4-60C	1 x 230	40mm fl.	250	6,8	2,8	B
SimFlex 4-75C	1 x 230	40mm fl.	250	8,1	4,7	B
SimFlex 4-95C	1 x 230	40mm fl.	250	15,9	4	B
SimFlex 5-88C	1 x 230	50mm fl.	280	16,2	6,4	B
SimFlex 5-95C	1 x 230	50mm fl.	280	16,7	6,4	B
SimFlex 6-95C	1 x 230	65mm fl.	340	25,1	5,6	B
SimFlex 8-95C	1 x 230	80mm fl.	360	33,1	3,9	B

Replacement List to SimFlex™

Smedegaard SimFlex Self-Regulating	Smedegaard Standard glandless circulators	Grundfos Standard glandless and Electronic "E" Self-Regulating	Wilo Standard glandless and Electronic "E" Self-Regulating	Spacer pieces		
				PN 6	PN 10	
SimFlex 2-50 SimFlex 3-50 1~230V, 50Hz	EV 2-40/50/65-2	Alpha2 25-40 Pro/Plus*, UPE 25-25, UPE 25-40*/45*	Smart 25/4*, Stratos eco 25/1-3*			
	Vario 25, EV 2-75-4	UPS 25-20/25/40*, UM(S) 25-20	Star-RS 25/2, 25/4*, 25/2E, E-25/1-3*			
	EV 3-40/50/65-2	Alpha2 32-40 Pro/Plus*, UPE 32-25, UPE 32-40*/45*	Smart 30/4*, Stratos eco 30/1-3*			
		UPS 32-20/25/40*, UM(S)32-20	Star-RS 30/2, 32/4*, 30/2E, E-30/1-3*			
			RP 25/60/80 (v/r), RP 30/60/80 (v/r),			
SimFlex 2-65 SimFlex 3-65 1~230V, 50Hz	EV 2-40/50/65-2	Alpha2 25-40 Pro/Plus, UPE 25-25, UPE 25-40/45	Smart 25/4, Stratos eco 25/1-3			
	Vario 25/Vario 75*	UPS 25-20/25/40, UM(S) 25-20	Star-RS 25/2, 25/4, 25/2E, E-25/1-3			
	EV 2-75-4, EV 2-75-2*	Alpha2 32-40 Pro/Plus, UPE 32-25, UPE 32-40/45	Smart 30/4, Stratos eco 30/1-3			
	EV 3-40/50/65-2	UPS 32-20/25/40, UM(S)32-20	Star-RS 30/2, 32/4, 30/2E, E-30/1-3			
			RP 25/60/80 (v/r), RP 30/60/80 (v/r),			
SimFlex 2-70 SimFlex 3-70 1~230V, 50Hz	EV 2-70-2, Vario 75	Alpha2 25-60 Pro/Plus, UPE 25-60, UPE 25-80*	Smart 25/6, Stratos eco 25/1-5			
	EV 2-75-2	UPS 25-60, UP(S) 25-80*, UP(S) 25-55G*	Top S 25/5, Star-RS 25/6, E-25/1-5			
	EV 3-70-2	Alpha2 32-60 Pro/Plus, UPE 32-60, UPE 32-80*	Smart 30/6, Stratos eco 30/1-5			
		UPS 32-60, UP(S) 32-80*, UP(S) 32-55G*	Top S 30/5, Star-RS 30/6, E-30/1-5			
SimFlex 2-72 SimFlex 3-72 1~230V, 50Hz	EV 2-72-2,	Magna 25-60, UP(S) 25-80	Stratos 25/1-6, Top E 25/1-7			
	EV 3-72-2, EV 3-75-2,	UPE 25-80, UPS 25-120*	TOP-S 25/7, RS 25/80			
		Magna 32-60, UPE 32-80	Stratos 30/1-6, Top E 30/1-7			
		UPS 32-80, UP(S) 32-55G	TOP-S 30/7, RS 30/80			
SimFlex 3-100 1~230V, 50Hz	EV 3-100-2, EV 3-75-2	Magna 25-100*, Magna 32-100*	Stratos 25**/30/1-8, Top E 30/1-10			
			TOP-S 30/10, RS 30/100 (v/r),			
SimFlex 4-60 PN6/10 1~230V, 50Hz	EV 4-60-2, EV 4-100-4	UPS 32-30F**, UP(S) 40-50F, UPC(S) 40-30/60*, UMC(S) 40-30/60*, UPE 40-80	Stratos 40/1-4, E 40/1-5 S 40/80r**, TOP-S 40/4, P 40/100r,			
	EV 5-100-4			SP5	SP6	
SimFlex 4-75 PN6/10 1~230V, 50Hz	EV 4-75-2	Magna 40-100F** UPS 32-60F**, UPC(S) 40-60, UMC(S) 40-60	Stratos 40/1-8**, TOP-E 40/1-10* S 40/90 (v/r), TOP-S 40/7, P 50/125 (v/r)*, S 50/80 (v/r)***, E 50/1-7***, Stratos 40-50/1-8***			
SimFlex 4-95 PN6/10 1~230V, 50Hz	EV 4-95	Magna 40-120F, UPE 40-120, UPC(S) 40-120 Magna 32-120F**, UPE 32-120** UPC(S) 32-120**	Stratos 30-32/1-12***, Stratos 40/1-12* TOP-E 40/1-10, TOP-S 40/10 S 40/90 (v/r),			
		UPC(S) 40-60, UMC(S) 40-60,				
SimFlex 5-88 PN6/10 1~230V, 50Hz	EV 5-100-4			SP9	SP10	
	EV 5-88-2, EV 5-125-4	Magna 50-60F, UPE 50-60 UPC(S) 50-30/60, UMC(S) 50-30/60	Stratos 50/1-8***, Stratos 50/1-9* TOP-S 50/4, TOP-S 50/7, TOP-S 50/10* TOP-E 50/1-7, TOP-E 50/1-10*, P 50/125 S 50/80 (v/r), S 50/100 (v/r), S 50/125r			
SimFlex 5-95 PN6/10 1x230V or IsoBar 5-120 PN6/10 3~400V, 50Hz	EV 5-95-2	Magna 50-120F, UPE 50-120 UPC(S) 50-120, UPC(S) 50-180*	TOP-E 50/1-10 TOP-S 50/10, S 50/125r			
	EV 5-160-4*		P 50/200/224/250v P 50/160 (v/r) P 50/250r	SP17 SP11 SP19	SP18 SP12 SP20	
SimFlex 6-95 PN6/10 1~230V, 50Hz	EV 6-125-4, EV 6-95-2	Magna 65-60F, Magna 65-120F* UPE 65-60, UPE 65-120* UPC(S) 65-30/60, UPC(S) 65-120*, UMC(S) 65-30/60	Stratos 65/1-9, Stratos 65/1-12 TOP-E 65/1-10, S 65/125 (v/r)* TOP-S 65/7, TOP-S 65/10 P 65/125 (v/r), S 65/80 (v/r)			
	EV 6-160-4			SP22	SP23	
IsoBar 6-110 PN6/10 3~400V, 50Hz	EV 6-110-2	Magna 65-120F*, UPE 65-120 UPC(S) 65-120, UPC(S) 65-180,	TOP-S 65/13, S 65/125 (v/r), S 65/140r P 65/200/224/250v P 65/250r	SP28 SP30	SP29 SP31	
SimFlex 8-95 PN6 alt. PN10 1x230V, or IsoBar 8-100 PN6 alt. PN10 3~400V, 50Hz	EV 8-125-4, EV 8-95-2	UPE 80-120	Stratos 80/1-12, Stratos 100/1-12** P 80/125 (v/r), P 80/160 (v/r),			
	EV 8-100-2, EV 8-120-2*	UPC(S) 80-30/60/120 UMC(S) 80-30/60,	TOP-S 80/7, TOP-S 80/10 TOP-E 80/1-10, P 80/160 (v/r)			
	EV 8-160-4			SP32	SP33	
	EV 8-200-4			SP34	SP35	
				P 80/180/200/224, P 80/250 (v/r)*	SP36	SP37
		UMC(S) 100-30/60, UPS 100-30, UPE 100-60			SP38	SP39
	EV 10-160-4				SP40	SP41
EV 10-210-4*			P 100/160 (v/r), S 100/125 (v/r)	SP42	SP43	
				SP44	SP45	
			P 100/180/200*/200v*	SP46	SP47	
			P 100/200r*	SP48	SP49	

* The selected SimFlex pump duty differs from the actual pump type.

** Changes to the pipe work will be required.

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The replacement list details the closest match to the existing pump, duty curves may not be identical.

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