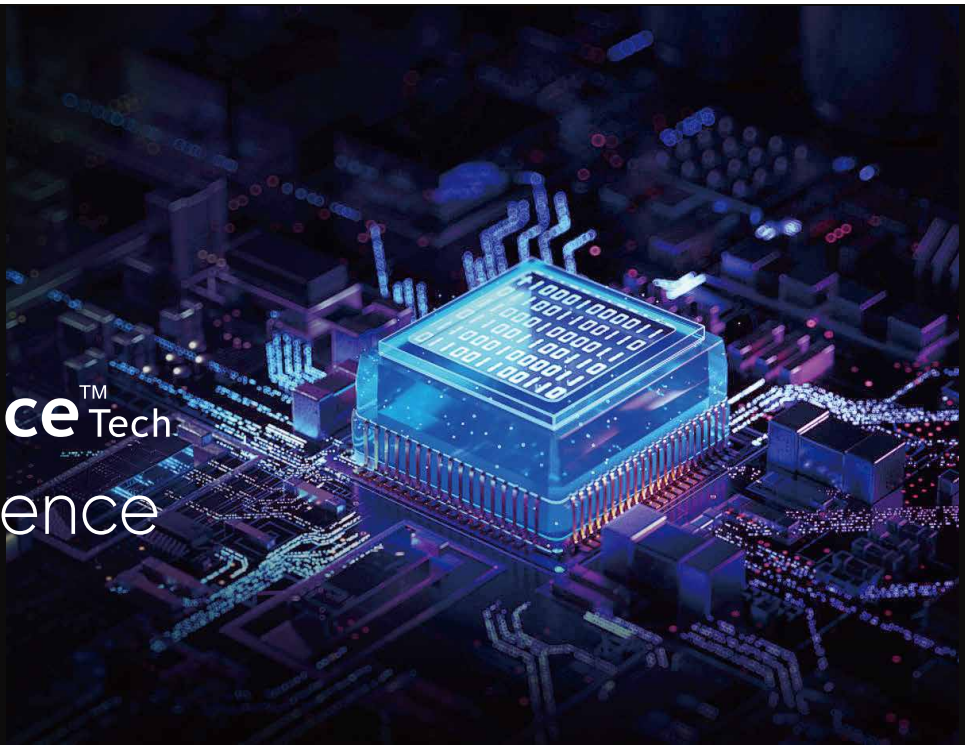
INVERSilence™ Tech

Saving in Silence



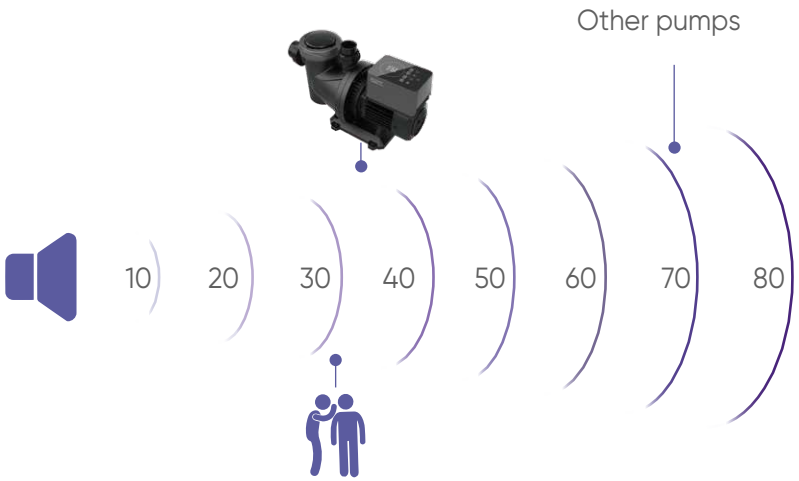
For decades, to fulfill heavy duties like backwash, people have to constantly endure a high noise over 70 dBA (@1m) from their oversized pool pump. According to scientific research, above 60 dBA is already the noisy range, long-term in the environment of more than 70 dBA, people would feel upset, distracted, and hearing nerve can suffer a certain extend of damage especially to children.

Finally in 2020, InverSilence Technology is successfully launched, the first core technology in pump application addressing noise.

InverSilence Technology generates 16,000 calculations per second, precisely controlling each core component and the motor for optimal silent performance.

10 Times quieter at full capacity

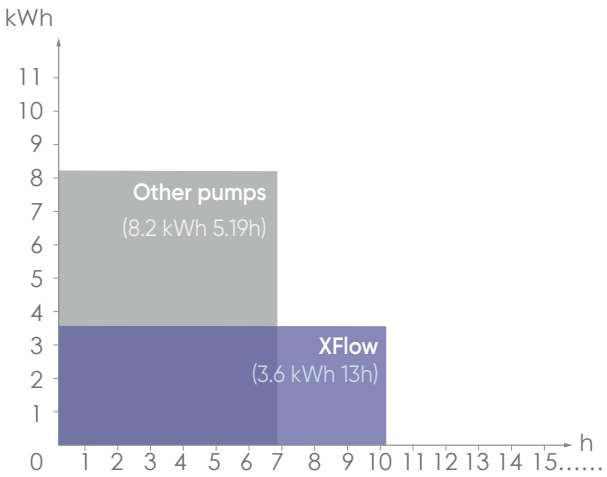
Equipped with InverSilence Technology, XFlow is 10 times quieter than other pumps in the market.
down to 37 dB(A) @ 1m



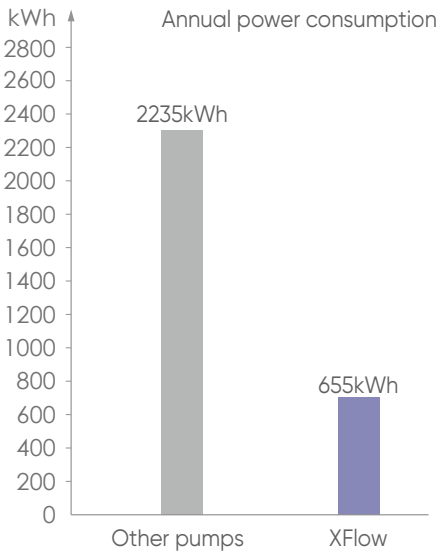
Rapid payback within 1.5 years

Thanks to the InverSilence Technology, the XFlow pump consumes less engergy than other pumps. You could get a rapid payback within 1.5 years.

XFlow GFVS19N VS Other Pumps in 2.2kW



Assumptions: pool size in 60m³, 2 turns/day in 180 days pool season, 1 turn/day in 185 days off season.



INVERSilence™ Tech

One click backwash

Lock/ Backwash
Simply one click for backwash
Count down in 180s

429w
Power consumption(W)
80%
Running capacity
From 40%~100%

Timer
4 timers for daily operation

SUS316 mechanical seal
Double life expectancy
Suitable for salt pools

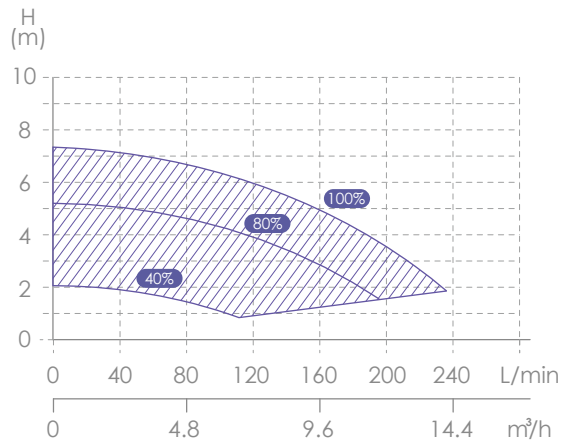
INVERSilence™ Tech

Technical Parameter

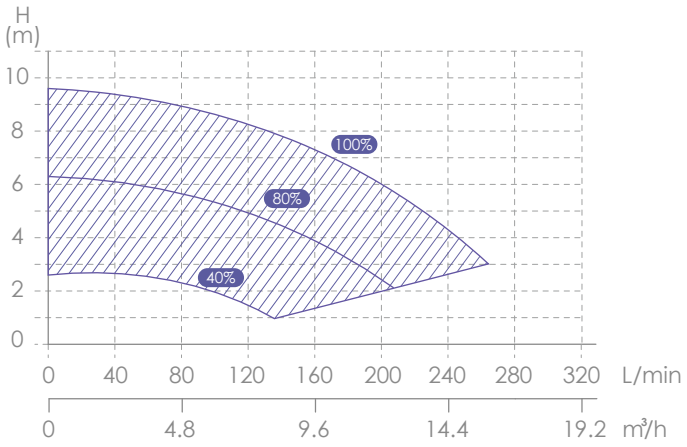
Model	Advised pool volume(m³)	Noise Level at 10m dB(A)	Noise Level at 1m dB(A)	P1 (kW)	Voltage	Current	Backwash		Circulation		
							Qmax	Hmax	at 6m	at 8m	at 10m
GFVS09N	20~30	17.0~29.5	37.0~49.5	0.05~0.32	220~240v 1ph	0.79~3.0	18.5	10	5.4~7.2		
GFVS11N	25~35	18.1~30.7	38.1~50.7	0.07~0.45		0.91~3.67	21.0	12	7.3~12.0	7.5~8.2	
GFVS15N	40~55	18.9~31.3	38.9~51.3	0.1~0.73		0.98~5.38	30.0	17	6.3~18.1	6.4~14.5	7.5~10.3
GFVS19N	50~80	20.5~33.6	40.5~53.6	0.13~1.0		1.30~7.29	33.7	21	8.16~24.0	8.5~20.5	7.1~16.3

Performance Curve

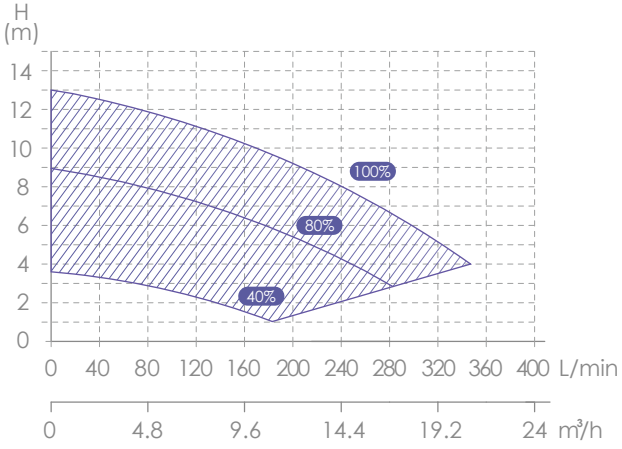
GFVS09N



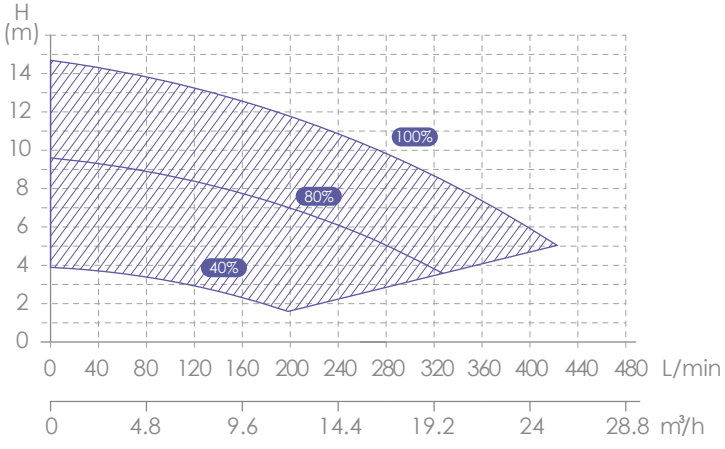
GFVS11N



GFVS15N



GFVS19N



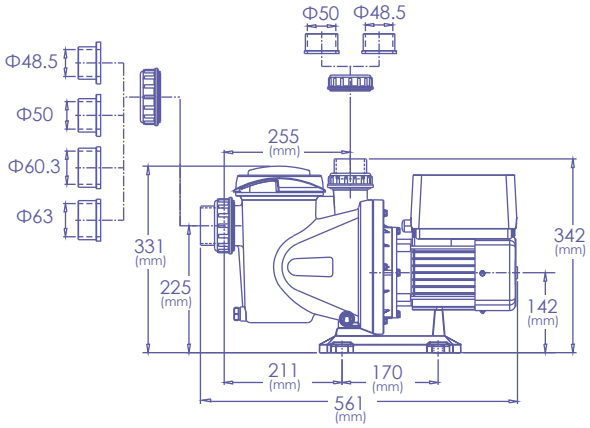
XFlow

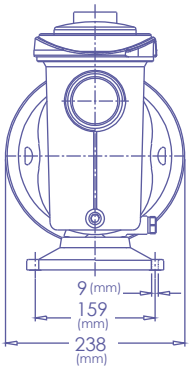
GFVS09N/GFVS11N

GFVS15N/GFVS19N

Overall Dimension

GFVS09N/GFVS11N





GFVS15N/GFVS19N