

IntelliComm™ Technical Info

IntelliComm™ is an electronic interface enabling individual remote operation of the 4 speeds on the IntelliFlo™ VS-3050 pump. Using IntelliComm™ any pool automation system can be used to select a pump speed in function of a specific application. It is possible to avoid the use of extra circulation pumps for heating or water features. This way Intellicomm™ enables full use of the potential of the IntelliFlo™ VS-3050.



Application examples

- **Solar heating:** automation system or temperature driven relay can drive specific pump speed to compensate increased head loss through solar panels. This application can eliminate the use of an extra circulation pump.
- **Heat Pump:** automation system or heat pump output can drive specific (low) flow rate to avoid heat loss caused by pump generated turbulence in the pool.
- **Automatic Backwash:** in combination with automated backwash valves a specific (high) flow rate can be applied during backwash enabling more efficient sand filter cleaning.
- **Water Features:** automation system or external remote control can enable a dedicated flow rate for a waterfall or other water feature. Intellicomm™ can use the same signal as used for the automatic valve controlling the water feature. This application can eliminate the use of an extra circulation pump.
- Specific remote controlled flow rate for **pool cleaner**

Technical Features

- Easy installation.
- Robust Long-life enclosure design
- 230V power input (terminal 1 & 2) with low energy consumption (less than 0,01 kW)
- 4 pairs of input terminal connections which can be actuated by either 15 to 240 V AC or 15 to 100 V DC. Each pair corresponds to one of the 4 variable speeds.
- 15 meter two-wire communication cable to be used between IntelliFlo™ VS-3050 and IntelliComm™ is included.
- CE approved
- 2 year warranty
- IntelliComm™ terminal layout :

Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal	Terminal
1	2	3	4	5	6	7	8	9	10	11	12
Power In		Speed 1		Speed 2		Speed 3		Speed 4		To IntelliFlo™	
220 V AC		15 to 240 V AC or 15 to 100 V DC		15 to 240 V AC or 15 to 100 V DC		15 to 240 V AC or 15 to 100 V DC		15 to 240 V AC or 15 to 100 V DC		Data+ (yellow)	Data - (green)

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