

## Variable frequency drive

### Applications

Building:  
 Housing pressurization / Gardens irrigation / Fountains / Water Recovery  
 Agriculture and cattle farming:  
 Technical irrigation / Conventional irrigation / Drip irrigation / Hydroponic cultivation /  
 Irrigation - spray  
 Industrial process:  
 Washing process / Desalination / Water Filtration / Water Recirculation

### Limitations

Maximum working temperature 50 ° C.  
 Maximum working pressure 25 bar.  
 System set pressure 2 to 25 bar.  
 Starting pressure 1 to 24 bar.

### Equipment and features

IP 65 protection.  
 Air cooling.  
 Direct connection to single-phase pumps 230V up to 2HP motor, three-phase pumps 230V up to 3HP motor and three-phase pumps 400V up to 15HP motor.  
 Installation on the wall or directly in the pipe of the system for models up to 4HP.  
 Dry protection.  
 Standard equipped with interface communication for booster groups.  
 Standard equipped with interface BMS protocols connection.  
 Application of a digital flow sensor for flow measurement.  
 Control of 4 pumps with a single drive using an optional electronic panel.  
 Drive equipped with a communication interface of up to 4 drives at the same time.  
 Pressure transducer 4-20 mA 16 bar included.

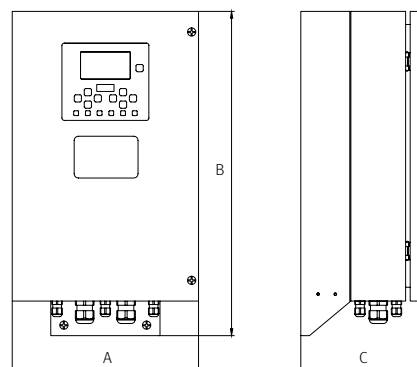


### Feature table

Model	Input		Output				Code
	Power source [V]	Power frequency [Hz]	Maximum motor power [kW]	Maximum motor current [A]	Motor voltage [V]	Motor frequency [Hz]	
VARDRIVE W 8,5M 230	1 ~ 230V AC	50-60	1,1 1,9	8,5	1 ~ 230V AC 3 ~ 230V AC	50-60	210210
VARDRIVE W 11M 230	1 ~ 230V AC	50-60	1,5 2,2	11	1 ~ 230V AC 3 ~ 230V AC	50-60	210211
VARDRIVE W 6T 400	3 ~ 400V AC	50-60	2,2	6	3 ~ 400V AC	50-60	210212
VARDRIVE W 9T 400	3 ~ 400V AC	50-60	3	9	3 ~ 400V AC	50-60	210213
VARDRIVE W 9T 230	3 ~ 230V AC	50-60	2,2	9	3 ~ 230V AC	50-60	210214
VARDRIVE W 12T 400	3 ~ 400V AC	50-60	5,5	12	3 ~ 400V AC	50-60	210215
VARDRIVE W 16T 400	3 ~ 400V AC	50-60	7,5	16	3 ~ 400V AC	50-60	210216
VARDRIVE W 19T 400	3 ~ 400V AC	50-60	9,2	19	3 ~ 400V AC	50-60	210217
VARDRIVE W 23T 400	3 ~ 400V AC	50-60	11	23	3 ~ 400V AC	50-60	210218

### Dimension and weight

Model	A	B	C	Kg
VARDRIVE W 8,5M 230	200	275	125	5
VARDRIVE W 11M 230	200	275	125	5
VARDRIVE W 6T 400	200	275	125	5
VARDRIVE W 9T 400	200	275	125	5
VARDRIVE W 9T 230	200	275	125	5
VARDRIVE W 12T 400	270	470	180	9
VARDRIVE W 16T 400	270	470	180	9
VARDRIVE W 19T 400	270	470	180	9
VARDRIVE W 23T 400	270	470	180	9



# Vardrive P Accessories



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### Equipment and features

IP 65 protection.  
 Water cooling.  
 Dry protection.  
 No expansion tank, no retention valve, filters nor unions are required.  
 Optional version with communication module for overpressure groups.



### Limitations

Maximum working temperature 60 ° C.  
 Maximum working pressure 16 bar.  
 System set pressure 2 to 12 bar.  
 Starting pressure 1 to 11 bar.

## Feature table

Model	Input		Output				Code
	Power source [V]	Power frequency [Hz]	Maximum motor power [kW]	Maximum motor current [A]	Motor voltage [V]	Motor frequency [Hz]	
VARDRIVE P 8,5M 230	1 ~ 230V AC	50-60	1	8,5	1 ~ 230V AC	50-60	210219
VARDRIVE P 8,5M C 230	1 ~ 230V AC	50-60	1,1	8,5	1 ~ 230V AC	50-60	210220
VARDRIVE P 11M 230	1 ~ 230V AC	50-60	0,5	11	1 ~ 230V AC	50-60	210221
VARDRIVE P 11M C 230	1 ~ 230V AC	50-60	1,5	11	1 ~ 230V AC	50-60	210222
VARDRIVE P 13M 230	1 ~ 230V AC	50-60	2,2	13	1 ~ 230V AC	50-60	210223
VARDRIVE P 13M C 230	1 ~ 230V AC	50-60	2,2	13	1 ~ 230V AC	50-60	210224
VARDRIVE P 8,5M 230	1 ~ 230V AC	50-60	1,9	8,5	3 ~ 230V AC	50-60	210225
VARDRIVE P 8,5M C 230	1 ~ 230V AC	50-60	1,9	8,5	3 ~ 230V AC	50-60	210226
VARDRIVE P 11M 230	1 ~ 230V AC	50-60	2,2	11	3 ~ 230V AC	50-60	210227
VARDRIVE P 11M C 230	1 ~ 230V AC	50-60	2,2	11	3 ~ 230V AC	50-60	210228
VARDRIVE P 6T 400	3 ~ 400V AC	50-60	2,2	6	3 ~ 400V AC	50-60	210229
VARDRIVE P 6T C 400	3 ~ 400V AC	50-60	2,2	6	3 ~ 400V AC	50-60	210230
VARDRIVE P 9T 400	3 ~ 400V AC	50-60	3	9	3 ~ 400V AC	50-60	210231
VARDRIVE P 9T C 400	3 ~ 400V AC	50-60	3	9	3 ~ 400V AC	50-60	210232
VARDRIVE P 12T 400	3 ~ 400V AC	50-60	4,5	12	3 ~ 400V AC	50-60	210233
VARDRIVE P 12T C 400	3 ~ 400V AC	50-60	5,5	12	3 ~ 400V AC	50-60	210234
VARDRIVE P 16T 400	3 ~ 400V AC	50-60	7,5	16	3 ~ 400V AC	50-60	210235
VARDRIVE P 16T C 400	3 ~ 400V AC	50-60	7,5	16	3 ~ 400V AC	50-60	210236

## Dimension and weight

Model	A	B	C	Kg	Model	A	B	C	Kg
VARDRIVE P 8,5M 230	260	312	285	5	VARDRIVE P 6T 400	260	312	320	7
VARDRIVE P 8,5M C 230	260	312	285	5	VARDRIVE P 6T C 400	260	312	320	7
VARDRIVE P 11M 230	260	312	285	5	VARDRIVE P 9T 400	260	312	320	7
VARDRIVE P 11M C 230	260	312	285	5	VARDRIVE P 9T C 400	260	312	320	7
VARDRIVE P 13M 230	260	312	285	5	VARDRIVE P 12T 400	260	312	320	7
VARDRIVE P 13M C 230	260	312	285	5	VARDRIVE P 12T C 400	260	312	320	7
VARDRIVE P 8,5M 230	260	312	285	5	VARDRIVE P 16T 400	260	312	320	7
VARDRIVE P 8,5M C 230	260	312	285	5	VARDRIVE P 16T C 400	260	312	320	7
VARDRIVE P 11M 230	260	312	285	5					
VARDRIVE P 11M C 230	260	312	285	5					

