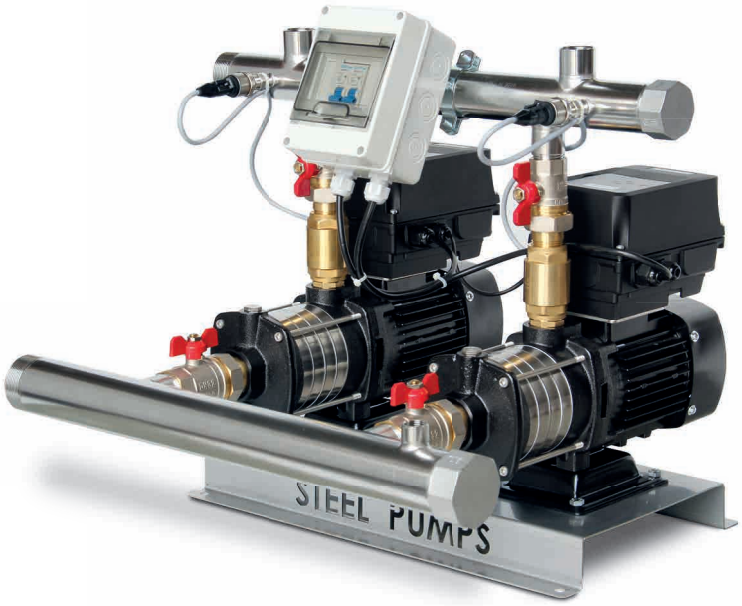
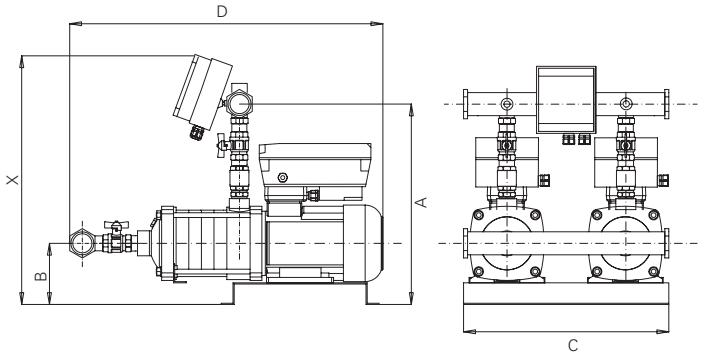
VARIO BOARD SH

PRESSURISATION GROUPS TWO HORIZONTAL PUMPS WITH INTEGRATED INVERTER





Description

Pressurisation unit with integrated inverter on board the motor, consisting of two horizontal multistage electric pumps with stainless steel impellers.

The unit consists of:
- No. 2 SPH series horizontal electric pumps
- 1 galvanised steel base
- No. 1 galvanised suction manifold
- 1 galvanised delivery manifold
- 2 check valves
- 4 ball valves
- No. 1 general safety panel
- 2 on-board inverters

Expansion tanks are not included.

Applications

- Domestic pressurisation
- Pressurisation of industrial water systems

Fountains and water features Pumped liquid: clean with no abrasive particles in suspension. Pumped water temperature +2°C to +40°C Max air temperature +45°C

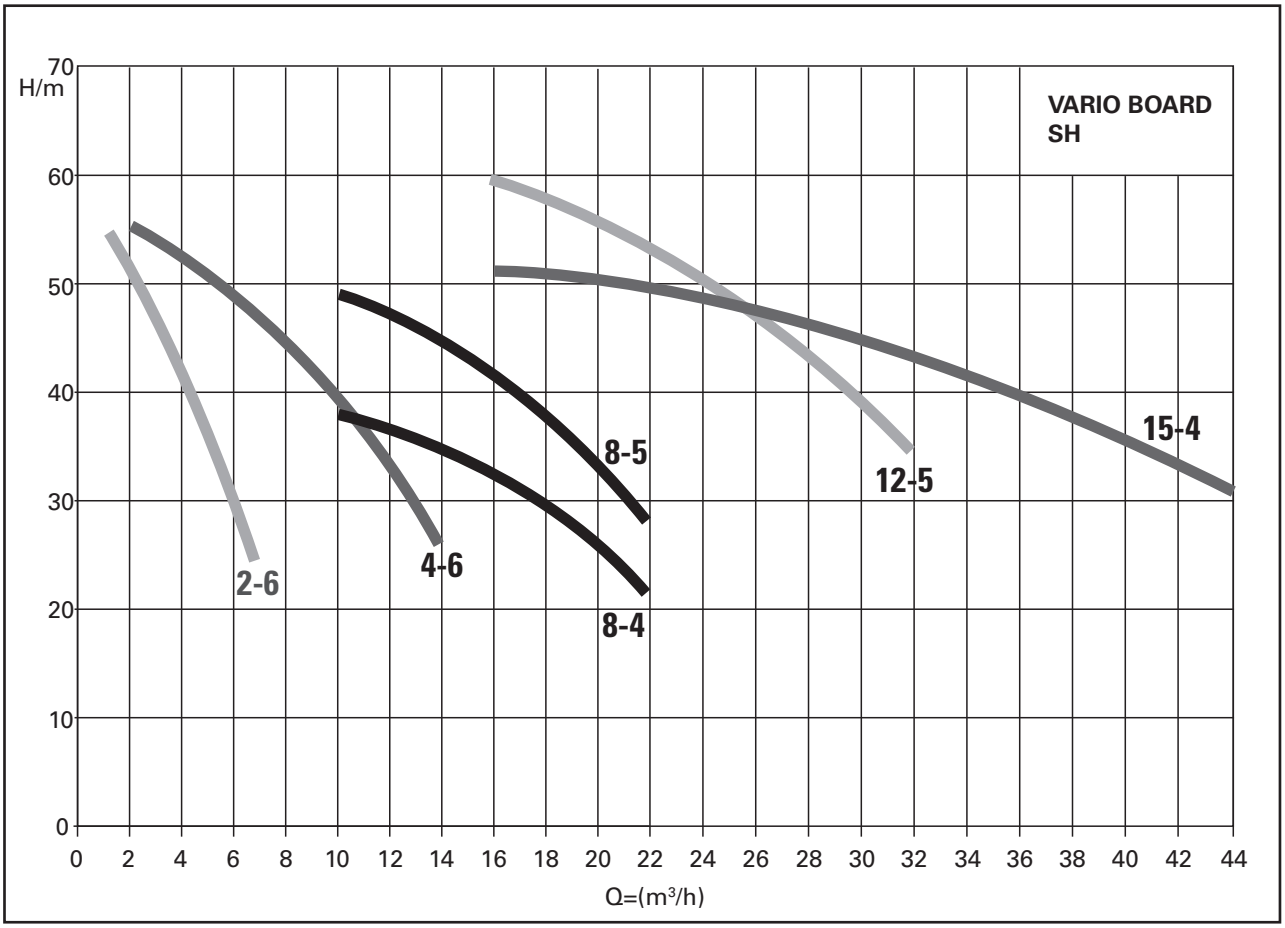
VARIO system

The VARIO inverter continuously adjusts the rotation speed of an electric pump in order to maintain constant pressure as the flow rate varies. The other electric pump, also variable speed, is connected in cascade after the first has reached maximum speed and compensates for pressure fluctuations in the system. At each operating cycle, the restart is switched to a different pump to ensure uniform use.



DIMENSIONS AND WEIGHTS TABLE

Type	Dimensions mm					DNA	DNM	Weig Kg
	X	A	B	C	D			
VARIOBOARD120SH26T	665	515	170	520	565	1"½	1"½	42
VARIOBOARD120SH46T	685	515	170	520	637	2"	1"½	47
VARIOBOARD120SH85T	723	553	180	520	677	2"½	2"	73
VARIOBOARD320SH46T	685	515	170	520	637	2"	1"½	50
VARIOBOARD320SH85T	723	553	180	520	677	2"½	2"	77
VARIOBOARD320SH125T	751	583	188	520	688	2"½	2"½	44
VARIOBOARD320SH154T	750	582	182	520	745	3"	3"	112



PERFORMANCE TABLE

Code	P2 Nom.		Alimentazione gruppo	m³/h	1,0	2,0	3,0	4,0	5,0	6,0	7,0
	Hp	kW	50 Hz	l/min	16,0	33,2	50,0	66,6	83,2	100,0	116,6
VARIOBOARD120SH26T	1,0 + 1,0	0,75 + 0,75	1 x 220-240 V	H m CA	54	50	48	42	38	33	25
Code	P2 Nom.		Alimentazione gruppo	m³/h	2,0	4,0	6,0	8,0	10,0	12,0	14,0
	Hp	kW	50 Hz	l/min	33,2	66,6	100,0	133,2	166,6	200,0	233,4
VARIOBOARD120SH46T	1,5 + 1,5	1,1 + 1,1	1 x 220-240 V	H m CA	55	53	50	45	37	31	26
VARIOBOARD320SH46T	1,5 + 1,5	1,1 + 1,1	3 x 400 V		55	53	50	45	37	31	26
Code	P2 Nom.		Alimentazione gruppo	m³/h	10,0	12,0	14,0	16,0	18,0	20,0	22,0
	Hp	kW	50 Hz	l/min	166,6	200,0	233,4	266,7	300,0	333,4	366,7
VARIOBOARD120SH85T	3,0 + 3,0	2,2 + 2,2	1 x 220-240 V	H m CA	49	47	45	42,5	38	33,5	28
VARIOBOARD320SH85T	3,0 + 3,0	2,2 + 2,2	3 x 400 V		49	47	45	42,5	38	33,5	28
Code	P2 Nom.		Alimentazione gruppo	m³/h	16	20	24	28	32	36	44
	Hp	kW	50 Hz	l/min	266,7	333,4	400	466,6	533,3	600	733,3
VARIOBOARD320SH125T	4,0 + 4,0	3,0 + 3,0	3 x 400 V	H m CA	59	55	50	44	35	-	-
VARIOBOARD320SH154T	5,5 + 5,5	4,0 + 4,0	3 x 400 V		51,5	50,5	49	46	43	40,5	31,5