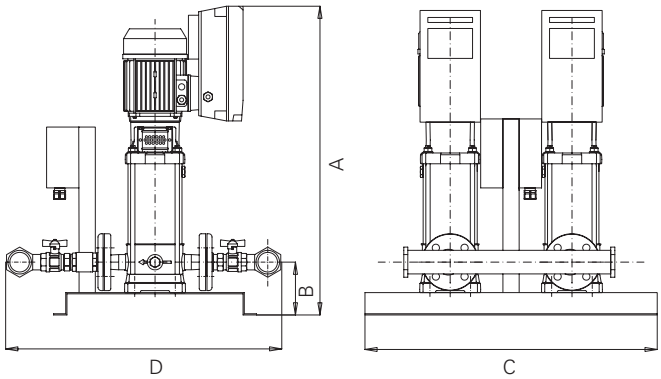
VARIO BOARD SV 5-8-10

PRESSURISATION UNITS WITH TWO VERTICAL PUMPS WITH INTEGRATED INVERTER





Description

Pressurisation unit with inverter integrated into the motor, consisting of two vertical multistage electric pumps
vertical multistage electric pumps with stainless steel impellers.
The unit consists of:

- 2 vertical electric pumps, SPV series
- 1 galvanised suction manifold
- No. 1 galvanised delivery manifold
- 2 check valves
- 4 ball valves
- 2 on-board inverters

Expansion tanks are not included.

Applications

- Domestic pressurisation
- Pressurisation of industrial water systems
- Fountains and water

features Pumped liquid:
Clean without suspended abrasive particles.
Pumped water temperature +2°C to +40°C

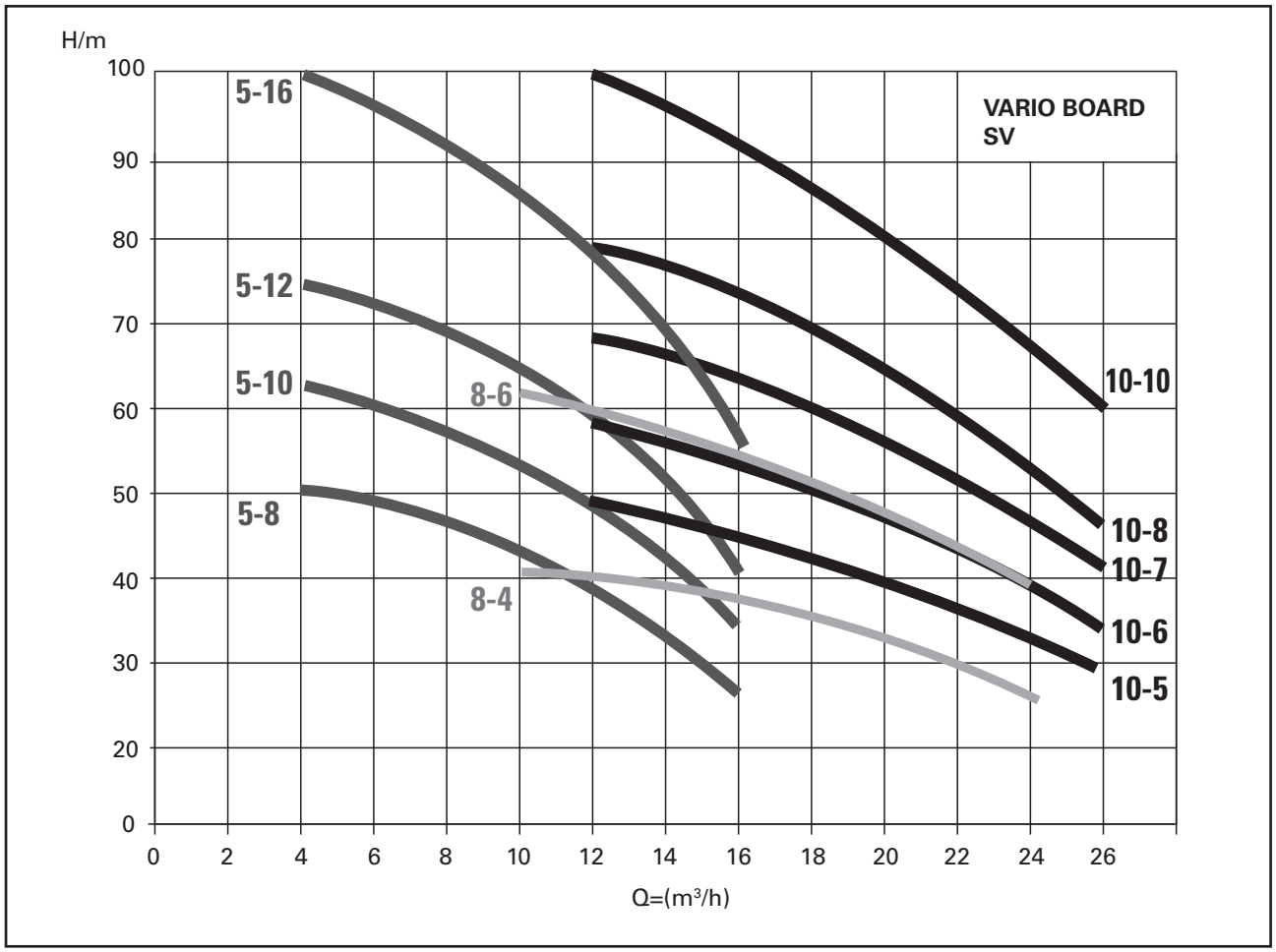
Max air temperature +45°C

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
	A	B	C	D			
VARIOBOARD120SV58T	750	125	520	813	2"	2"	92
VARIOBOARD120SV510T	815	125	520	813	2"	2"	106
VARIOBOARD120SV512T	896	125	520	813	2"	2"	111
VARIOBOARD120SV516T	1004	125	520	813	2"	2"	119
VARIOBOARD120SV84T	779	130	720	917	2"½	2"½	91
VARIOBOARD120SV86T	839	130	720	917	2"½	2"½	111
VARIOBOARD120SV105T	799	130	720	917	2"½	2"½	117
VARIOBOARD120SV106T	839	130	720	917	2"½	2"½	119
VARIOBOARD320SV58T	788	125	520	813	2"	2"	95
VARIOBOARD320SV510T	815	125	520	813	2"	2"	109
VARIOBOARD320SV512T	896	125	520	813	2"	2"	114
VARIOBOARD320SV516T	1004	125	520	813	2"	2"	122
VARIOBOARD320SV84T	779	130	720	917	2"½	2"½	94
VARIOBOARD320SV86T	839	130	720	917	2"½	2"½	114
VARIOBOARD320SV105T	799	130	720	917	2"½	2"½	120
VARIOBOARD320SV107T	914	1320	720	917	2"½	2"½	134
VARIOBOARD320SV108T	944	130	720	917	2"½	2"½	136
VARIOBOARD320SV1010T	1014	130	720	917	2"½	2"½	162



PERFORMANCE TABLE

Code	P_2 Nom.		Power supply unit 50 Hz	m³/h	4,0	6,0	10,0	12,0	14,0	16,0	20,0	22,0	24,0	26,0
	Hp	kW		l/min	66,7	100,0	166,7	200,0	233,4	266,7	333,4	366,7	400	433,4
VARIOBOARD120SV58T	1,5 + 1,5	1,1+ 1,1	1 x 220-240 V	H m in CA	50	48	42	37	33	27	-	-	-	-
VARIOBOARD120SV510T	2,0 + 2,0	1,5 + 1,5	1 x 220-240 V		62	60	53	47	41	34	--	-	-	-
VARIOBOARD120SV512T	3,0 + 3,0	2,2 + 2,2	1 x 220-240 V		75	72	64	57	50	40	-	-	-	-
VARIOBOARD120SV516T	3,0 + 3,0	2,2 + 2,2	1 x 220-240 V		100	96	85	76	66	54	-	-	-	-
VARIOBOARD120SV84T	2,0 +2,0	1,5 + 1,5	1 x 220-240 V		-	-	41	39	38	36	32	28	26	-
VARIOBOARD120SV86T	3,0 + 3,0	2,2 + 2,2	1 x 220-240 V		-	-	62	60	57	54	48	43	39	-
VARIOBOARD120SV105T	3,0 + 3,0	2,2 + 2,2	1 x 220-240 V		-	-	-	48	47	45	39	36	32	29
VARIOBOARD120SV106T	3,0 + 3,0	2,2 + 2,2	1 x 220-240 V		-	-	-	58	56	54	47	43	39	34
VARIOBOARD320SV58T	1,5 + 1,5	1,1+ 1,1	3 x 400 V		50	48	42	37	33	27	-	-	-	-
VARIOBOARD320SV510T	2,0 + 2,0	1,5 + 1,5	3 x 400 V		62	60	53	47	41	34	--	-	-	-
VARIOBOARD320SV512T	3,0 + 3,0	2,2 + 2,2	3 x 400 V		75	72	64	57	50	40	-	-	-	-
VARIOBOARD320SV516T	3,0 + 3,0	2,2 + 2,2	3 x 400 V		100	96	85	76	66	54	-	-	-	-
VARIOBOARD320SV84T	2,0 +2,0	1,5 + 1,5	3 x 400 V		-	-	41	39	38	36	32	28	26	-
VARIOBOARD320SV86T	3,0 + 3,0	2,2 + 2,2	3 x 400 V		-	-	62	60	57	54	48	43	39	-
VARIOBOARD320SV105T	3,0 + 3,0	2,2 + 2,2	3 x 400 V		-	-	-	48	47	45	39	36	32	29
VARIOBOARD320SV107T	4,0 + 4,0	3,0 + 3,0	3 x 400 V		-	-	-	69	66	63	56	51	46	41
VARIOBOARD320SV108T	4,0 + 4,0	3,0 + 3,0	3 x 400 V		-	-	-	79	76	73	64	58	52	46
VARIOBOARD320SV1010T	5,5 + 5,58	4,0 + 4,0	3 x 400 V		-	-	-	100	96	9-2	80	74	66	59