VARIO TR 5-8-10

PRESSURISATION GROUPS TWO VERTICAL PUMPS WITH PANEL INVERTER



Description

Pressurisation unit with inverter consisting of two vertical multistage electric pumps with stainless steel impellers.

The unit consists of:
- 2 vertical electric pumps, SPV series
- 1 galvanised suction manifold
- 1 galvanised delivery manifold
- 2 check valves
- 4 ball valves
- No. 2 Inverter

Expansion tanks are excluded.

Applications

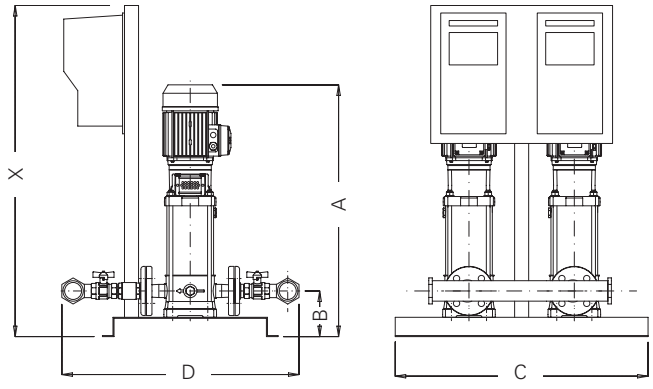
- Home pressurization
- Pressurization of industrial water systems

Fountains and water features

Pumped liquid:
Clean water without abrasive parts in suspension.
Pumped water temperature +2°C ÷ +40°C
Max air temperature +45°C

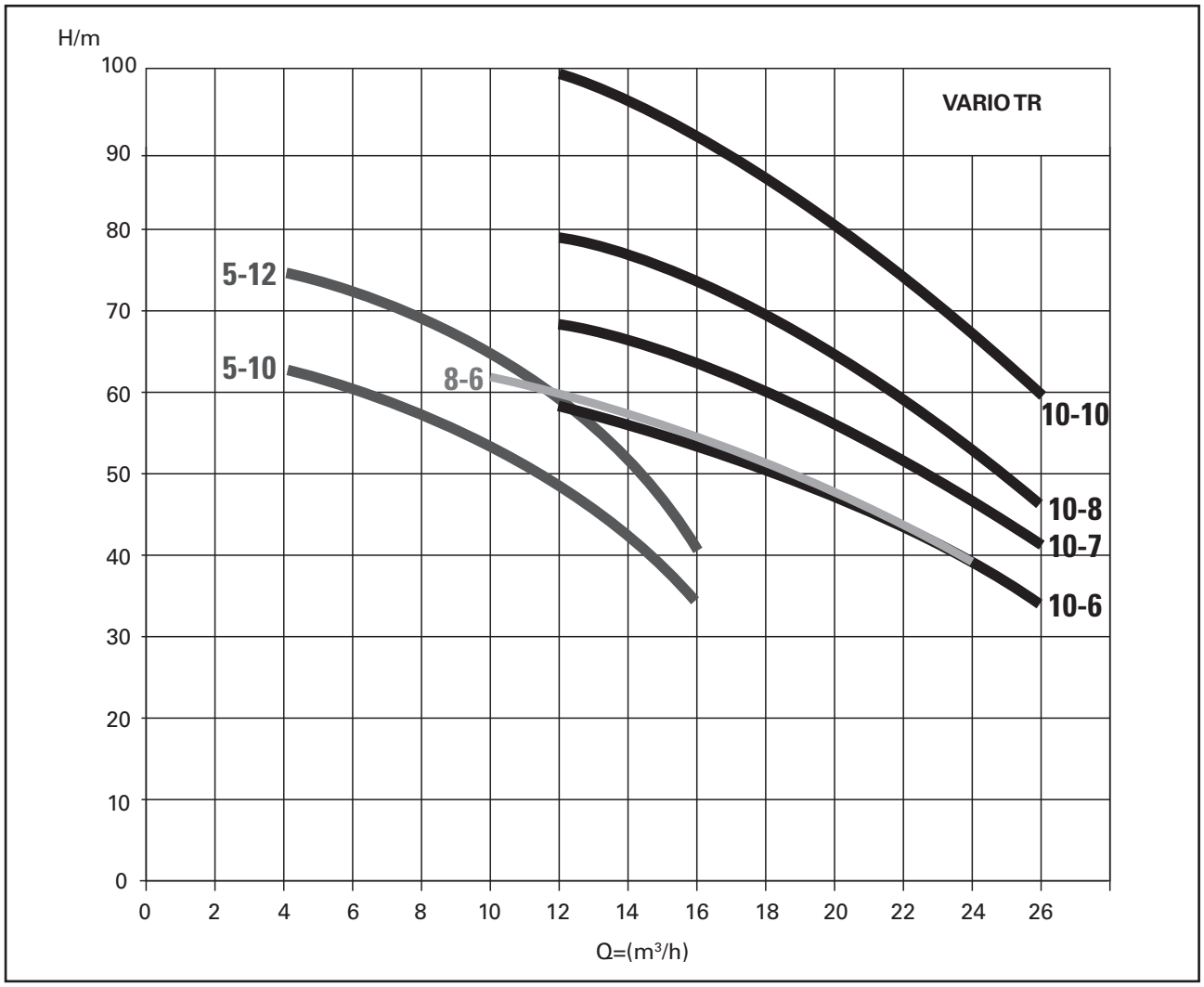
VARIO system

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	Wgt. kg
	X	A	B	C	D			
VARIOTR320DL510T	106	815	125	72	813	2"	2"	114
VARIOTR320DL512T	106	896	125	72	813	2"	2"	119
VARIOTR320DL86T	106	839	130	72	917	2"½	2"½	119
VARIOTR320DL106T	106	839	130	72	917	2"½	2"½	127
VARIOTR320DL107T	106	914	130	72	917	2"½	2"½	141
VARIOTR320DL108T	106	944	130	72	917	2"½	2"½	145
VARIOTR320DL1010T	106	1014	130	72	917	2"½	2"½	171



PERFORMANCE TABLE

Code	P_2 Nom.		Group power supply	m³/h	4,0	6,0	10,0	12,0	14,0	16,0	20,0	22,0	24,0	26,0
	Hp	kW	50 Hz	l/min	66,7	100,0	166,7	200,0	233,4	266,7	333,4	366,7	400,0	433,4
VARIOTR320DL510T	2,0 + 2,0	1,5 + 1,5	3 x 400 V	H m in CA	62	60	53	47	41	34	--	-	-	-
VARIOTR320DL512T	3,0 + 3,0	2,2 + 2,2	3 x 400 V		75	72	64	57	50	40	-	-	-	-
VARIOTR320DL86T	3,0 + 3,0	2,2 + 2,2	3 x 400 V		-	-	62	60	57	54	48	43	39	
VARIOTR320DL106T	3,0 + 3,0	2,2 + 2,2	3 x 400 V		-	-	-	58	56	54	47	43	39	34
VARIOTR320DL107T	4,0 + 4,0	3,0 + 3,0	3 x 400 V		-	-	-	69	66	63	56	51	46	41
VARIOTR320DL108T	4,0 + 4,0	3,0 + 3,0	3 x 400 V		-	-	-	79	76	73	64	58	52	46
VARIOTR320DL1010T	5,5 + 5,5	4,0 + 4,0	3 x 400 V		-	-	-	100	96	92	80	74	66	59