บริษัท ไทนามิก จำกัด
Tinamics Co.,Ltd.
25/285 ถนนรามคำแหง 124 แขวง/เขต สะพานสูง กทม. 10240
25/285 RamkhamHaeng 124 Rd., Sapansoong, Bangkok 10240
Tel : 0 2728-2902, 0 2373-2734 Fax : 0 2728-1779 www.tinamics.com

VARIABLE SPEED PRESSURE BOOTSTER SYSTEMS

- VSD.20- VLR

VSD.20- VLR is a booster set assembled with 2 VLR multistage centrifugal pumps and 2 VSD3 inverters. Designed to provide variable flow at constant pressure.

- **SUITABLE FOR CONTINUOUS WORKING**
- **ENERGY SAVING**
- **HIGH HYDRAULIC EFFICIENCY**

OPERATION

The frequency control enables the delivery of variable flow at constant pressure by automatically reducing or increasing the motor speed according to water demand. When the maximum flow rate of the first pump is reached, the control system runs at pump at is maximum speed.

If the first pump is not enough, the second inverter starts the second pump in order to maintain the desired operating pressure. The unit automatically stops when water demand is over and the system reaches the set point.

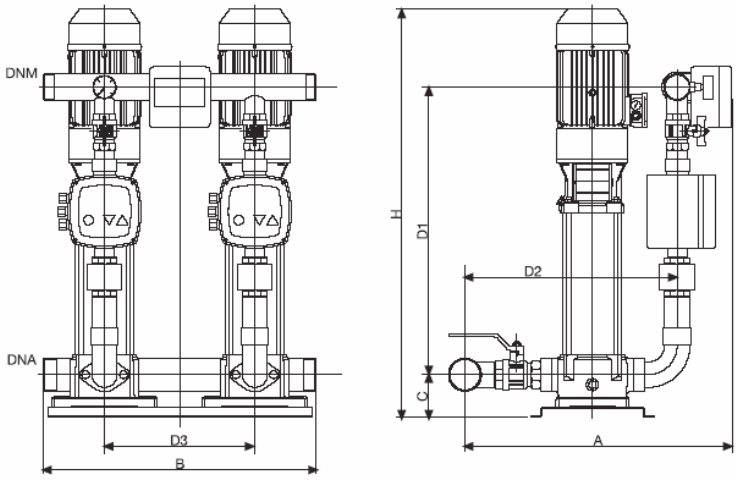
In the event of a fault, the display will show the cause of the system shutdown.

Booster sets operated by **VSD3** Inverters enable the cyclical changeover of pumps.

APPLICATIONS

VSD booster sets are the ideal solution in applications characterized by a need for variable flow at constant pressure:

- Water supply systems
- Pressure boosting
- Washing systems
- Irrigation
- Boiler supply



DIMENSIONS AND WEIGHTS

CODE	MODEL	Dimensions							DNA	DNM	Weight kg.
		A	B	C	H	D1	D2	D3			
UI600900	VSD3-20/VLR8/100	730	670	110	940	680	540	370	2" 1/2	2"	141

PUMP PERFORMANCE

CODE	MODEL	Motor power		Supply voltage	Output voltage	Amp.	Q L/1'	100	200	300	350	400
		HP	kW	V	V	A	m³/h	6	12	18	21	24
UI600900	VSD3-20/VLR8/100	2X5,5	2x4	3~ 400	3~ 400	2X9,7	Discharge head in meters	106	100	88	76	65