

## Pumps, vacuum, chemically resistant, Laboport®



These chemically resistant single- and double- head diaphragm pumps are dry running and suitable for use in a wide range of applications. They transfer and pump down without contamination. The patented, stress optimised, diaphragm is PTFE coated. The pump head is TFM™ PTFE (PTFE on N842.3FT.18).

- 100% oil free transfer
- Pure transfer, evacuation and compression
- Highly compatible with vapours and condensation
- Chemically resistant
- Suitable for highly aggressive or corrosive gases and vapours
- Maintenance free
- Environmentally friendly
- Gastight, leakage rate approx  $6 \times 10^{-3}$  mbar x l/s, not tested in serial production
- Accepts 10mm bore tubing
- ATEX compliant according to ATEX II 2G IIB + H2 T3X internal atmosphere only. (Excluding N842.3FT.18)

### Technical Specifications

Single - head models	N810FT18	N820FT18	N840FT18	
Delivery, litres/min	10	20	34	
Ultimate vacuum, mbar	100	100	100	
Dim. (l x h x w), mm	256x187x146	268x207x159	297x226x171	
Electrical supply	230V/50Hz	230V/50Hz	230V/50Hz	
Power	100 W	130 W	180 W	
Weight Kg	5.9	7.1	10.3	

  

Double-head models	N810.3FT18	N820.3FT18	N840.3FT18	N842.3FT18
Delivery, litres/min	10	20	34	34
Ultimate vacuum, mbar	8	8	8	2
Dim. (l x h x w), mm	281x187x140	312x207x154	341x226x166	341x223x167
Electrical supply	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Power	90 W	120 W	245 W	245 W
Weight Kg	6.9	9.3	12.6	13.4

Cat. No.	Code	Description
PU/45232	N810FT18	Single head diaphragm pump 10 l/min
PU/45234	N820FT18	Single head diaphragm pump 20 l/min
PU/45236	N840FT18	Single head diaphragm pump 34 l/min
PU/45240	N810.3FT18	Double head diaphragm pump 10 l/min
PU/45242	N820.3FT18	Double head diaphragm pump 20 l/min
PU/45244	N840.3FT18	Double head diaphragm pump 34 l/min
PU/45246	N842.3FT18	Double head diaphragm pump 34 l/min

### Accessories

PU/45250	058077	Service kit for N810 FT.18
PU/45252	058078	Service kit for N820 FT.18
PU/45254	058079	Service kit for N840 FT.18
PU/45256	057357	Service kit for N810.3 FT.18
PU/45258	057358	Service kit for N820.3 FT.18
PU/45260	057359	Service kit for N840.3 FT.18
PU/45262	057359	Service kit for N842.3 FT.18
PU/45264	028129	Baseplate for N810/820
PU/45266	028128	Baseplate for N840
PU/45268	085482	NR800 vapour trap
PU/45270	026231	NH800 condenser
PU/45272	028476	Gas Ballast for pump model N810
PU/45274	028477	Gas Ballast for pump model N820/N840
PU/45276	046380	
	/045115B	Vacuum Controller with valve, tubing, cable and junction box
PU/45278	046382	Twin vacuum controllers with valves, tubing, cables and junction box



PU/45240



PU/45244



PU/45246