

**N 820.3 FT.18****N 820.3FT.18G**

Pneumatic performance			
Max. permissible operating pressure [bar g]	1.0		
Ultimate vacuum [mbar abs.]	$\leq 8$ (gas ballast closed) $\leq 15$ (gas ballast open)		
Delivery rate at atm. pressure [l/min]*	max. 20		
Pneumatic connection			
Hose connection [mm]	ID 10		
Ambient and media temperature			
Permissible ambient temperature	$+ 5^{\circ}\text{C}$ to $+ 40^{\circ}\text{C}$		
Permissible media temperature	$+ 5^{\circ}\text{C}$ to $+ 40^{\circ}\text{C}$		
Other parameters			
Weight [kg]	9.3		
Dimensions: L x H x W [mm]	312 x 207 x 144		
Maximum permissible ambient relative humidity	80 % for temperatures up to $31^{\circ}\text{C}$ , decreasing linearly to 50 % at $40^{\circ}\text{C}$		
Maximum altitude of site [m above sea level]	2000		
Electrical Data			
Voltage [V]	100	115	230
Frequency [Hz]	50/60	60	50
Maximum current consumption [A]	1.8	1.2	0.7
Power consumption pump [W]	130	130	120
Maximum permitted mains voltage fluctuation	$\pm 10\%$	$\pm 10\%$	$\pm 10\%$
Fuse pump (2x) T [A]	3.15	2.5	1.6
Protection class motor	IP44		

Tab. 12

\*Liters in standard state (1,013 mbar)