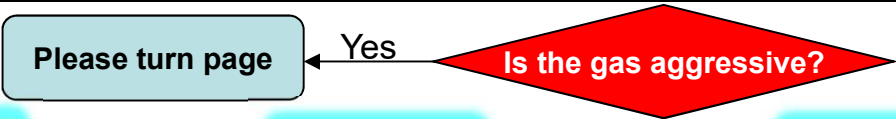




NB. This guide details only KNF's most popular pumps and applications, and is not intended to be exhaustive.



**Manifold Filtration**

- < 4 Funnels: N816.3KT.18, 16 l/min, →20 mbar ←, 057012/057081
- < 6 Funnels: N938.50 KT.18, 30 l/min, →15mbar ←, 120677/120696

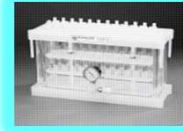
**Vacuum Desiccation**

- Vessel <25cm Ø: N816.3KT.18, 16 l/min, →20 mbar ←, 057012/057081
- Vessel >25cm Ø: N938.50 KT.18, 30 l/min, →15mbar ←, 120677/120696

**Solid Phase Extraction  
Single & Manifold**

- Single <500ml: N811KT.18, →11.5 l/min←, 290 mbar, 043652/126339
- Single >500ml: N816.1.2KT.18, →30 l/min←, 160 mbar, 057016/057081

Manifold?



- 2-12 Position: N816.1.2KT.18, →30 l/min←, 160 mbar, 057016/057081
- 12-24 Position: N938.50 KT.18, 30 l/min, →15mbar ←, 120677/120696

**Solvent Filtration  
& Degassing**

- < 1ltr Flask: N816.3KT.18, 16 l/min, →20 mbar ←, 057012/057081
- > 1ltr Flask: N938.50 KT.18, 30 l/min, →15mbar ←, 120677/120696

**Aspiration**

- N86KN.18, →6 l/min←, 100 mbar, 046208/049540  
Options: Fine Control & Gauge, 085000/000000, Footswitch Avail

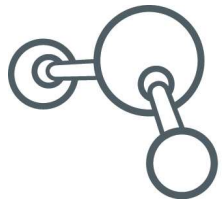
**Filtration  
Single glass or disposable vessel**

- < 1ltr Flask: N86KN.18, →6 l/min←, 100 mbar, 046208/049540
- 1-3ltr Flask: PM26285-811.18, →11.5 l/min←, 100 mbar, 125823/126339
- 5ltr Flask: N816.1.2KN.18, →30 l/min←, 100 mbar, 057014/057081

For further information or other applications, please contact:

CamLab House, Norman Way Industrial Estate, Over, Cambridge CB24 5WE, United Kingdom

Tel: +44 (0) 1954 233 100  
Fax: +44 (0) 1954 233 101  
Email: sales@camlab.co.uk  
Web: www.camlab.co.uk



No

Is the gas aggressive?

Yes

Please turn page



**Rotary Evaporation and Distillation**

~ 1ltr Vessel	N810.3FT.18 10 l/min →8 mbar← 309575/045409	
~ 2.5ltr Vessel	N820.3FT.18 20 l/min →8 mbar ← 309577/045050	
~ 5ltr Vessel	N840.3FT.18 34 l/min →8 mbar ← 309579/045051	
~ 10ltr Vessel	N860.3FT.40.18 60 l/min →4 mbar ← 049625/049659	

**Rotary Evaporation and Distillation - Automated wireless systems**

<3ltr Vessel	SC920G 20 l/min →2 mbar ← 306473/117578	
>3ltr Vessel	SC950 50 l/min →2 mbar ← 125417/117578	

**Filtration (Aggressive Vapours)**

<2.5ltr Flask	N810FT.18 10 l/min →100 mbar← 309574/049455	
~ 5ltr Flask	N820FT.18 20 l/min →100 mbar ← 309576/049456	
5-15ltr Flask	N840FT.18 34 l/min →100 mbar ← 309578/049457	
>15ltr Flask	N840.1.2FT.18 60 l/min →90 mbar ← 309580/047585	

**Centrifugal Vacuum Concentration**

Solvent BP <130C	N840.3FT.40.18 34 l/min 10 mbar 057613/045051	
Solvent BP >130C	N842.3FT.40.18 34 l/min 4 mbar 057699/045052	

**Gel drying**

Med Vol (SDS-PAGE <10%)	N840.3FT.40.18 34 l/min 10 mbar 057613/045051	
High Vol (SDS-PAGE <10%)	N860.3FT.40.18 60 l/min 4 mbar 049625/049659	

**Vacuum drying for moist gases (e.g. vacuum drying oven)**

Oven vol < 15L	N820.3FT.40.18 20 l/min 10 mbar 312295/045050	
Oven Vol 15-30L	N840.3FT.40.18 34 l/min 10 mbar 312297/045051	
Oven Vol 30-60L	N860.3FT.40.18 60 l/min 4 mbar 049625/049659	



**NB. This guide details only KNF's most popular pumps and applications, and is not intended to be exhaustive.**