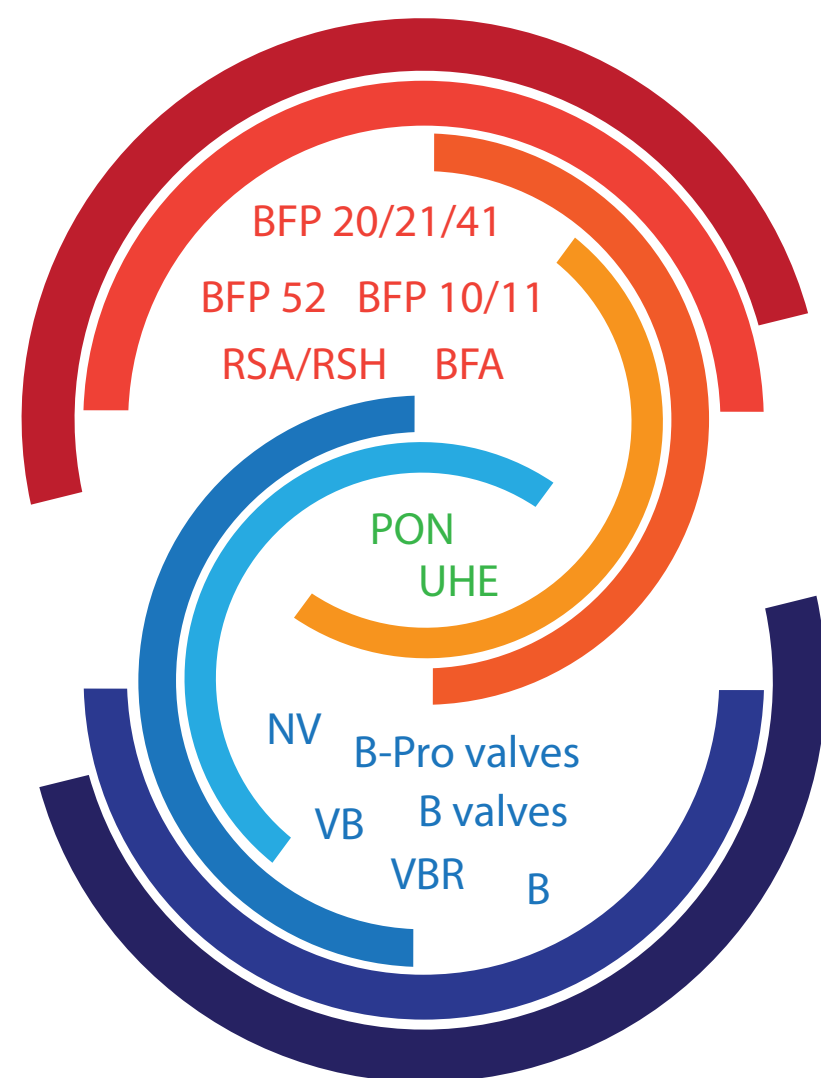


# Oil Pumps for Residential, Commercial and Industrial Applications

## Residential and Commercial Applications



## Industrial Applications



**2** experts  
offer a full range in  
oil pumps.

[www.burner.danfoss.com](http://www.burner.danfoss.com)  
[www.hptechnik.com](http://www.hptechnik.com)



# Two world-class suppliers – one complete range of pumps

To offer a full range of oil pumps. That is the aim of the close cooperation between Danfoss and HP Technik, two of the world's most renowned experts in oil pumps.

The cooperation means that you have access to high quality oil pumps and regulator valves, no matter your need. We cover the entire range from small residential pumps to large units for industrial application.

### Why join forces?

Danfoss and HP Technik share the same ideas and ideals about oil pumps. We are both experienced developers and manufacturers of oil pumps and we have exchanged knowledge for years. We share the belief that true market leadership originates from

focus on quality, constant improvement and deep insight into our customers' needs and challenges.



Where we complement each other is our different focus. Danfoss has a leading position in the residential and light commercial segment, while HP Technik has a strong range in large capacity oil pumps for the commercial and industrial segment.

This is why it makes sense to join forces.

Our combined range is complete which means that you can always rely on our partnership for your various needs. We look forward to applying our expertise to your challenge.

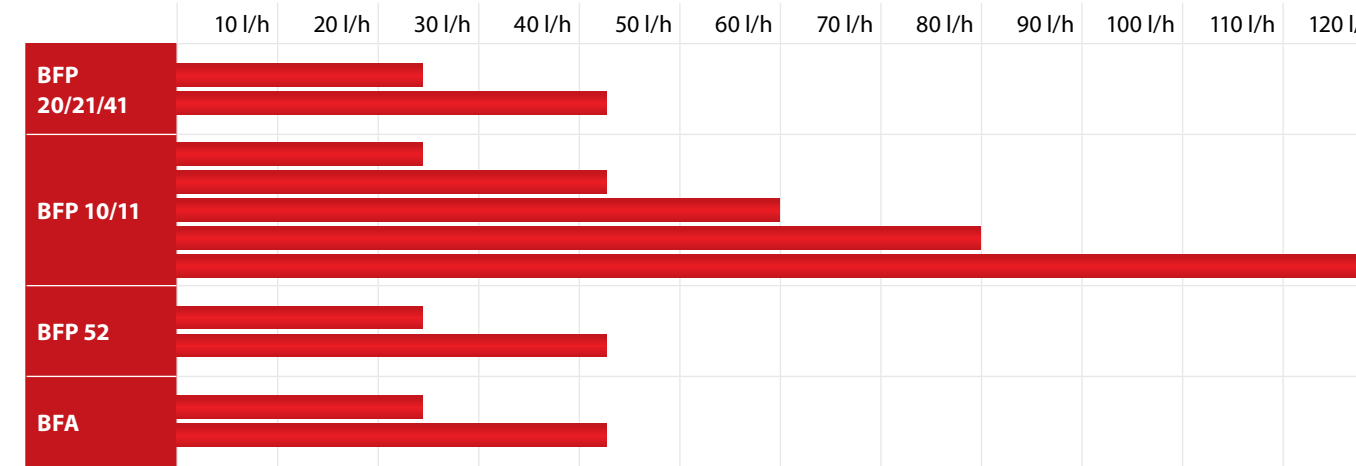


### Specification points

Type	Specification point	Type	Specification point
BFP/BFA/RSA	10 bar, 4.3 cSt., 2800 min <sup>-1</sup>	B/VB/VBR	9 bar, 6.0 cSt., 1400 min <sup>-1</sup>
RSH	20 bar, 4.3 cSt., 2800 min <sup>-1</sup>	* Oil type must be specified	
PON	9 bar, 5.0 cSt., 2800 min <sup>-1</sup>		Danfoss
UHE	9 bar, 6.0 cSt., 2800 min <sup>-1</sup>		HP Technik

## 1- and 2-stage pumps for residential and small commercial burners

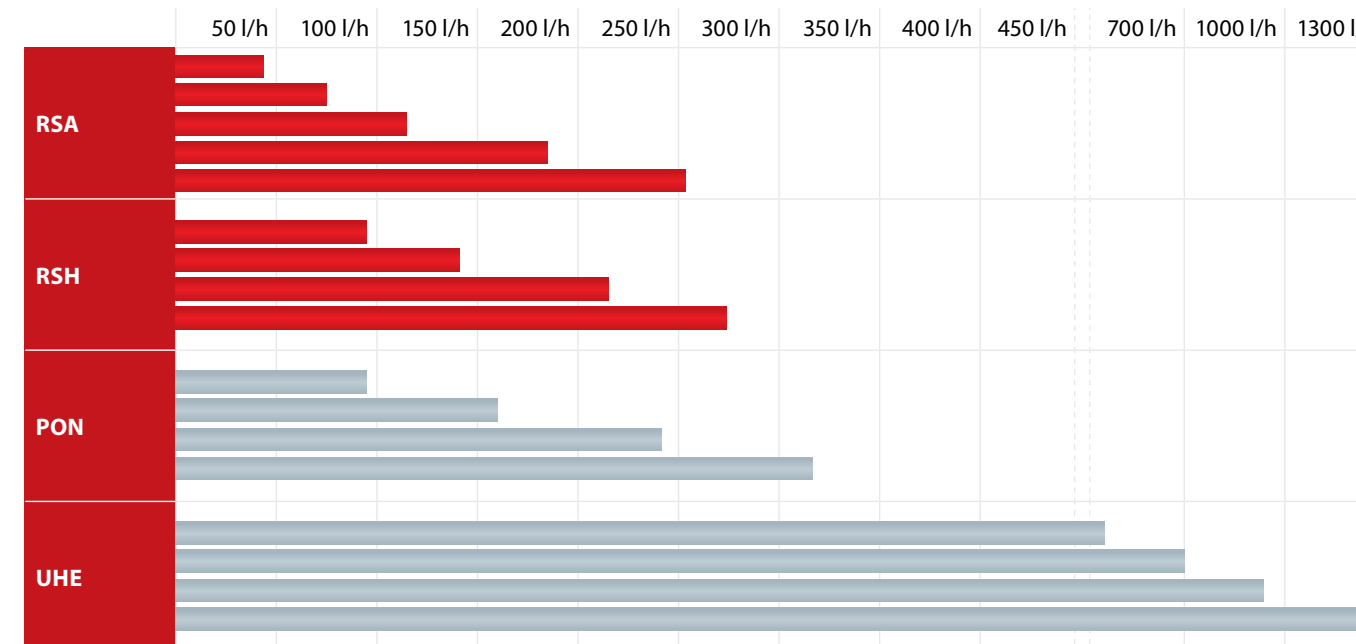
Pump type	Description	Pipes	Pressure range Bar
<b>BFP 20/21/41</b>	Compact 1-stage oil pumps with diaphragm regulator, cartridge filter and pressure adjustment on front.	1 and 2	7-20
<b>BFP 10/11</b>	Compact 1-stage oil pumps with diaphragm regulator, ring filter and pressure adjustment on side.	1 and 2	7-15
<b>BFP 52</b>	Compact 2-stage oil pumps with two diaphragm regulators, cartridge filter and pressure adjustment on front and side.	1 and 2	7-15 stage 1 10-25 stage 2
<b>BFA</b>	Extra compact 1-stage oil pumps for hot water cleaners and air heaters with cone regulator, small in-line filter and pressure adjustment on side.	1 or 2	7-15



Light Oil and Kerosene

## 1-stage pumps for commercial burners

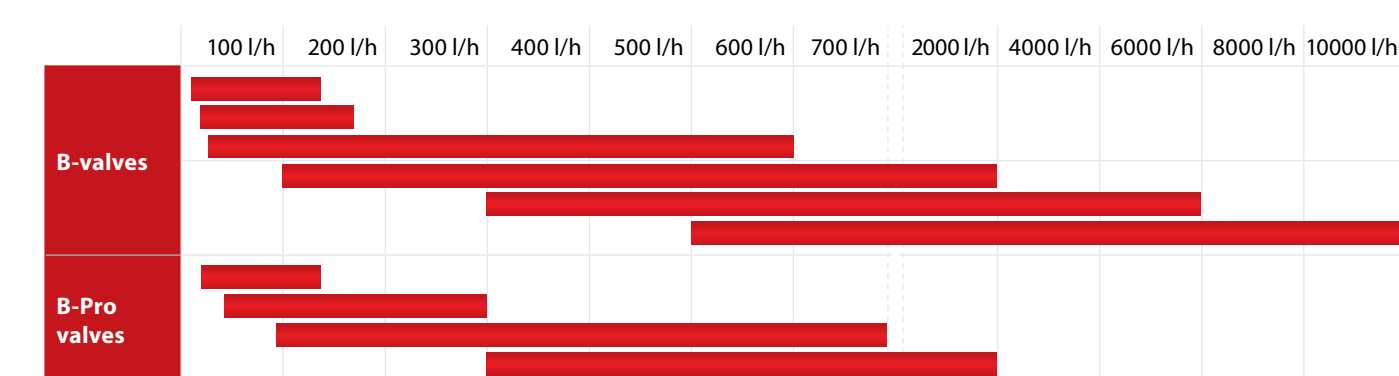
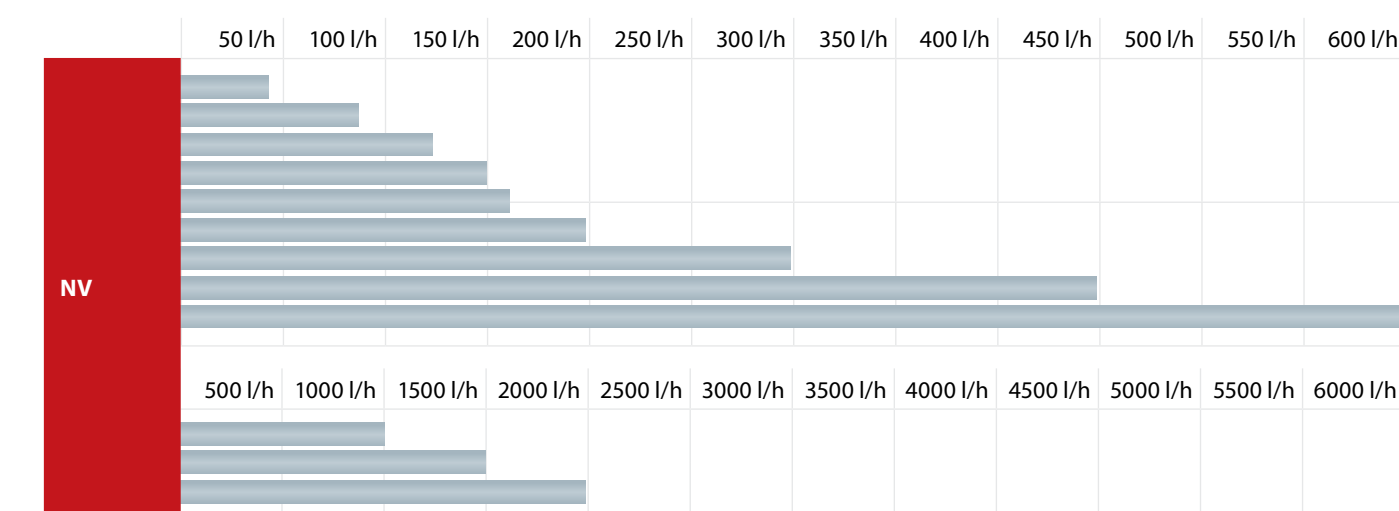
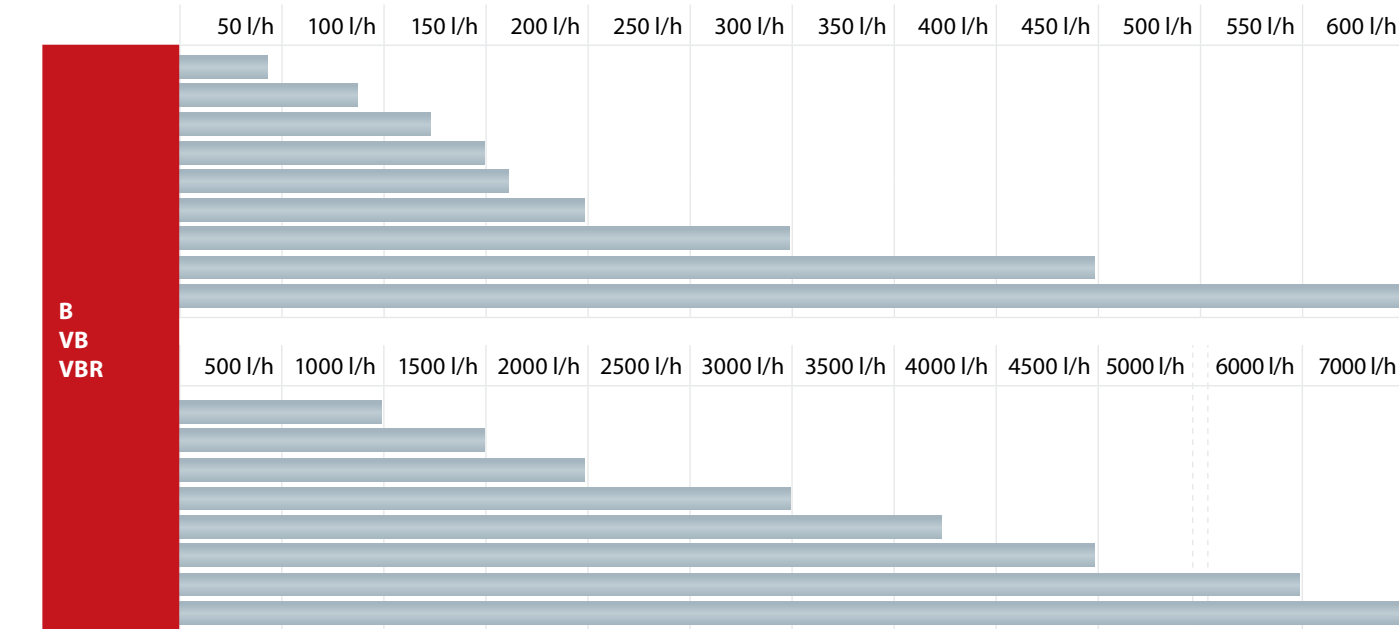
Pump type	Description	Pipes	Pressure range Bar
<b>RSA</b>	Oil pump with piston regulator with shut-off function and ring filter.	1 and 2	5.5-15/21
<b>RSH</b>	Oil pump with piston regulator with shut-off function and ring filter.	1 and 2	15-35
<b>PON</b>	Oil pump with piston regulator without shut-off function and with ring filter. Drilling for heating cartridge.	1 and 2	up to 40
<b>UHE</b>	Oil pump with piston regulator without shut-off function. Drilling for heating cartridge.	1 or 2	up to 40



Light- and Heavy Oil

## 1- and 2-stage pumps for industrial burners

Pump type	Description	Pipes	Pressure range Bar
<b>B</b>	Oil pump without pressure regulator. To be used in connection with external pressure regulator valve type B.	1	up to 40
<b>VB</b>	Oil pump with pressure regulator.	1	up to 40
<b>VBR</b>	Oil pump with pressure regulator. Suction port on side.	2	up to 40
<b>NV</b>	Oil pump with pressure regulator. Suction port on top.	2	up to 40
<b>B-valves</b>	Pressure regulator valves. 5 sizes, each available in 5 different pressure ranges.		up to 40
<b>B-Pro valves</b>	Flow and pressure regulator valves typically used in connection with spill back nozzles to control flow and pressure in the return line.		up to 45



\* Light Oil, Heavy Oil, Kerosene and Coal for Oils