



## **DISTRICT HEATING**

A significant part of the apartment buildings in the Nordic countries are heated with district heating and the usage of district heating increases. When the district heating constitutes such an important part of our daily energy needs, it is of course particularly important that it is delivered without interruption.

Proco Services has been a major player on the district heating market since 2006 and works with businesses and municipalities across the Nordic region to eliminate downtime when working with deployment and repair of district heating plants and networks. Today, we perform about 300 hot tapping / line stopping per year for producers of district heating and cooling, which gives us a unique expertise and experience in the field. Our technicians are internally trained on our services and have carefully developed procedures to follow. Through our unique technology, district heating systems continue to function while the necessary work is carried out. Thus ensuring deliveries to homes but also more sensitive operations as hospitals and industry.

### **CUSTOMERS:**

**Fortum**

**E.ON**

**Vattenfall**

**Tekniska Verken**

**Gävle Energi**

**Öresundskraft**

**Bromölla Fjärrvärme**

**Statkraft/NO**

**Helen/FI**

**Piteå Energi**



**Line Stopping DN125 with connected by-pass for uninterrupted connection of a new pipe line.**

## Line Stopping

The table below indicates the current system pressure/temp at line stopping of district heating. Fitting and plug remaining after completion of the job are always approved for 16 bar and 120° C.

We are constantly developing our tools to cope with higher pressure levels and temperatures. Please contact us for current data.

<b>Pressure / Temp Line Stopping</b> REFERS TO DH/DC PIPES WITH WATER				
Dimension	Max temp C°	Max pressure (bar)	Max temp C°	Max pressure (bar)
DN20	80	10	65	12
DN25	80	10	65	12
DN32	80	10	65	12
DN40	80	10	65	12
DN50	120	12		
DN65	120	12		
DN80	120	12		
DN100	120	12		
DN125	120	12		
DN150	80	12	95	8
DN175	80	12	95	8
DN200	80	12	95	8
DN250	80	12	95	8
DN300	80	10	95	8
DN350	80	8	90	6
DN400	80	7	90	5
DN450	80	7	85	5
DN500	80	5	85	4
DN550	80	5	85	4
DN600	80	5	85	4

## Hot Tapping

We perform hot tapping on DH/DC with branch connections from DN25 to DN400. The customer can then have free choice of valve if desired. Hot tapping can be done at maximum of 25 bar and 200° C. Please contact us for more information.



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