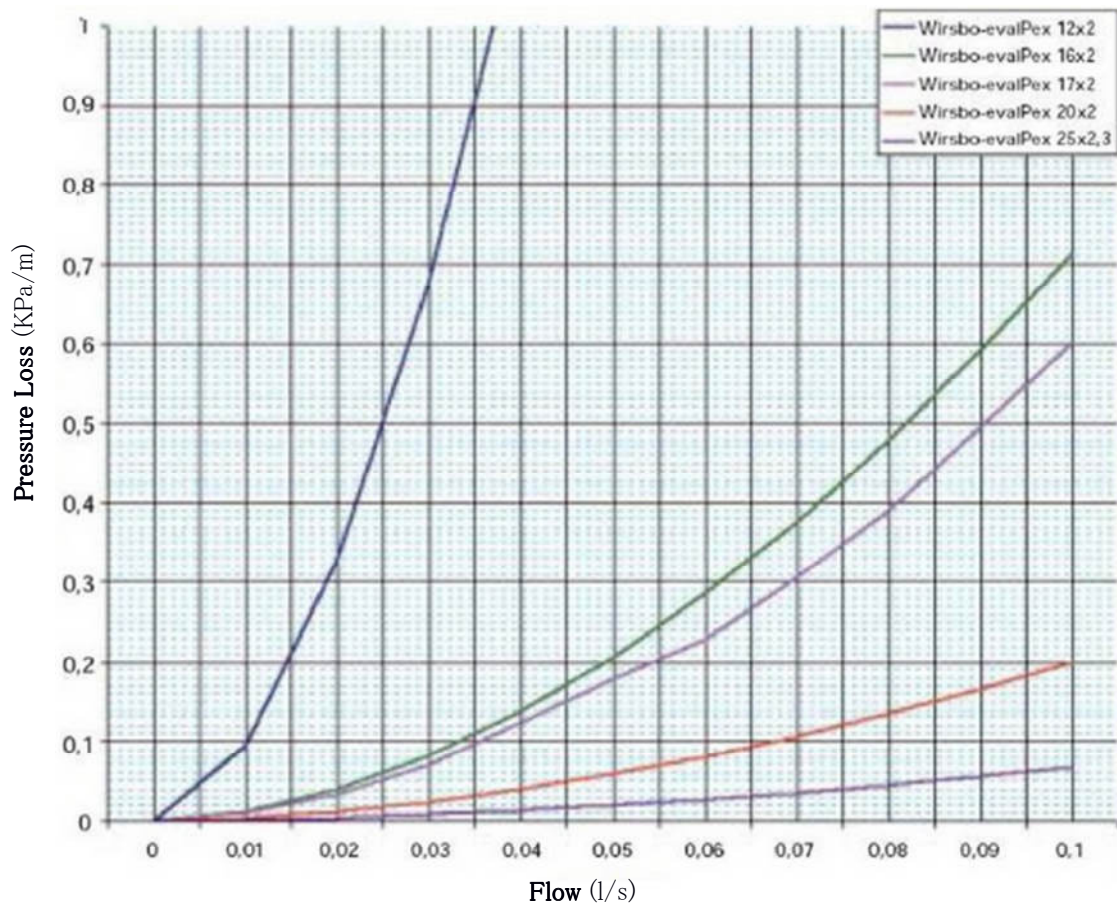


## ANNEX UNDERFLOOR



**Fig. X.** Graphics of the pressure losses depending on the flow  
<http://es.scribd.com/doc/75858772/Metodo-Calculo-Calefaccion-Suelo->

**ML - BYG**  
TIL DIG DER ØNSKER KVALITET

**Areas of expertise**

- First halls
- Granite
- Floor Sanding
- Bricklayer
- Wrought Chamber
- Tagrenovering
- Carpentry / Joinery
- Velux
- Windows & Doors
- HVAC / Plumbing

**Floor heating**

Underfloor Pex 20mm pipe.  
Rate. square meters excl. VAT incl. labor and materials.  
267,00 DKK

Underfloor electric.  
Rate. square meters excl. VAT incl. labor and materials.  
366,00 DKK

Thermostat control  
Price. paragraph. excl. VAT  
700,00 DKK

**Fig. X.** Dainsh price of district heatingsystem  
ML-BYG

## ANNEX

Floor temp °C	Power W/m <sup>2</sup>	Pipe Spacing cm	Pipe Density m/m <sup>2</sup>	Circuit Length m	Max Circuit Area m <sup>2</sup>	Heat Output W	Water Volume ltrs/hr	Pressure Drop mbar
Flow temperature 50°C Return Temperature 40°C								
25.7	75	30	3.3	60	18	1350	116	50
				80	24	1800	144	97
				100	30	2250	194	204
				115*	35	2625	226	306
26.5	87	20	5	80	16	1392	120	71
				100	20	1740	150	130
				120	24	2088	180	215
				200*	27	2349	202	295
27.1	97	10	10	100	10	970	83	47
				140	14	1358	117	119
				180	18	1746	150	235
				200*	20	1940	167	314
Flow temperature 55°C Return Temperature 45°C								
26.7	91	30	3.3	40	12	1092	94	23
				60	18	1628	141	70
				80	24	2184	188	155
				100*	30	2730	235	285
27.7	106	20	5	60	12	1272	109	45
				80	16	1696	146	100
				100	20	2120	182	183
				120*	24	2544	182	183
28.5	118	10	10	100	10	1180	102	67
				120	12	1416	122	109
				150	15	1770	152	200
				170*	17	2006	173	284

\* maximum acceptable heating circuit lengths including pipe 'tails' to the manifold.