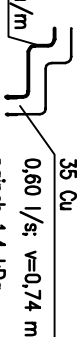
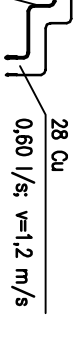
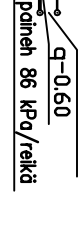
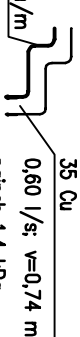
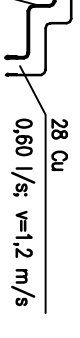
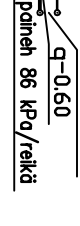
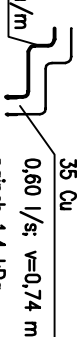
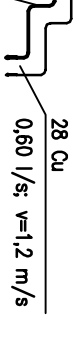
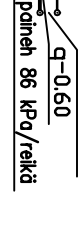
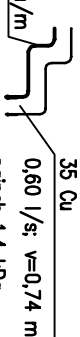
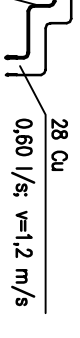
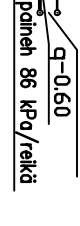
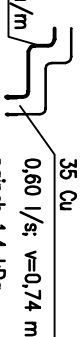
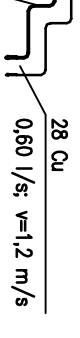
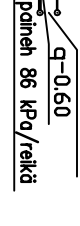
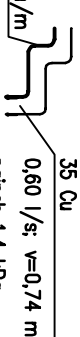
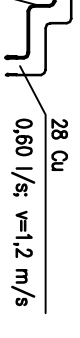
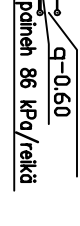


T-COLL VERTAILU		MAA-/KAIVOPUTKI		SIIRTOPUTKI (KÄYRILLÄ/VASTUKSILLA)		KAIVOTARKASTELU	
Naturet-iliuos? 28% lämpötilalla +10 Luettu Muovitech Turbo- Kollektorin käyttöäistä !		etanoli-alkoholi-iliuos 30% lämpötilalla +0 tiheys 965 kg/m ³ dynaaminen viskositeetti 0,0065 Pas (Ns/m ²) kinemaattinen 0,0000065 m ² /s = 65 m ² /s E-7 specific heat 4,170 kJ/kg K		Kokeilu pelkkä porakaivo: Putkisyvyys 198m vesi +2/-1: putki 40x35,2		U-KERÄIN N. 200M	
Muovitech Turbo Kollektor 40x2,4 putki		PEM 40x2,4 putki	Cu 35 putki	Cu 28 putki			
PEM 40/35,2 NP8 0,60 l/s; v=0,61 m/s paineh 0,4 kPa 0,60 l/s n.190 Pa/m ← n. -13% 218,2 Pa/m		PEM 40/35,2 NP8 0,60 l/s; v=0,51 m/s paineh 0,3 kPa 0,50 l/s n.140 Pa/m ← n. -13% 160,2 Pa/m	yht n 1000mm (x2) 35 Cu 0,60 l/s; v=0,74 m/s paineh 1,4 kPa 341,6 Pa/m	yht n 1000mm (x2) 28 Cu 0,60 l/s; v=1,2 m/s paineh 3,7 kPa 977,4 Pa/m			
PEM 40/35,2 NP8 0,50 l/s n.140 Pa/m ← n. -13% 160,2 Pa/m		PEM 40/35,2 NP8 0,50 l/s; v=0,51 m/s paineh 0,3 kPa 0,50 l/s n.140 Pa/m ← n. -13% 160,2 Pa/m	250,6 Pa/m 35 Cu 0,50 l/s; v=0,62 m/s paineh 1,0 kPa 171,9 Pa/m	715,9 Pa/m 28 Cu 0,50 l/s; v=0,96 m/s paineh 2,6 kPa 489,9 Pa/m			
PEM 40/35,2 NP8 0,40 l/s n.95 Pa/m ← n. +38% 68,5 Pa/m		PEM 40/35,2 NP8 0,40 l/s; v=0,41 m/s paineh 0,1 kPa 0,40 l/s n.95 Pa/m ← n. +38% 68,5 Pa/m	171,9 Pa/m 35 Cu 0,40 l/s; v=0,49 m/s paineh 0,7 kPa 171,9 Pa/m	489,9 Pa/m 28 Cu 0,40 l/s; v=0,77 m/s paineh 1,8 kPa 489,9 Pa/m			
PEM 40/35,2 NP8 0,30 l/s n.57 Pa/m ← n. +15% 49,6 Pa/m		PEM 40/35,2 NP8 0,30 l/s; v=0,31 m/s paineh 0,1 kPa 0,30 l/s n.57 Pa/m ← n. +15% 49,6 Pa/m	341,6 Pa/m 35 Cu 0,60 l/s paineh 2,6 kPa 341,6 Pa/m	977,4 Pa/m 28 Cu 0,60 l/s paineh 8,8 kPa 977,4 Pa/m			
PEM 40/35,2 NP8 0,30 l/s n.57 Pa/m ← n. +15% 49,6 Pa/m		PEM 40/35,2 NP8 0,30 l/s; v=0,31 m/s paineh 0,1 kPa 0,30 l/s n.57 Pa/m ← n. +15% 49,6 Pa/m	250,6 Pa/m 35 Cu 0,50 l/s paineh 1,8 kPa 250,6 Pa/m	715,9 Pa/m 28 Cu 0,50 l/s paineh 6,2 kPa 715,9 Pa/m			
PEM 40/35,2 NP8 0,30 l/s n.57 Pa/m ← n. +15% 49,6 Pa/m		PEM 40/35,2 NP8 0,30 l/s; v=0,31 m/s paineh 0,1 kPa 0,30 l/s n.57 Pa/m ← n. +15% 49,6 Pa/m	171,9 Pa/m 35 Cu 0,40 l/s paineh 1,2 kPa 171,9 Pa/m	489,9 Pa/m 28 Cu 0,40 l/s paineh 4,0 kPa 489,9 Pa/m	