

Danfoss hermetic compressors capillary sizing chart

Category: Refrigeration
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DANFOSS COMPRESSOR				
Capillary Length	Capillary No.	Oil	HP (Horsepower)	Compressor No.
4 Feet	0.26	150 ml	1/12	TL2A
6 Feet	0.26	150 ml	1/12	RL2 SA
8 Feet	0.26	150 ml	1/12	RL2 DB
4 Feet	0.26	150 ml	1/14	FW0208
6 Feet	0.26	175 ml	1/10	FW0307
8 Feet	0.26	175 ml	1/10	TL3B
7.5 Feet	0.28	200 ml	1/8	TL4A
7.5 Feet	0.28	200 ml	1/8	FW0409
7.5 Feet	0.28	200 ml	1/8	FW0409
7.5 Feet	0.28	200 ml	1/8	FW0411
7.5 Feet	0.28	200 ml	1/8	TP0407
8 Feet	0.31	250 ml	1/8	TL5A
8 Feet	0.31	250 ml	1/8	FW050911
8 Feet	0.31	250 ml	1/8	FW0509
8 Feet	0.31	275 ml	1/8	TP0507
10 Feet	0.31	275 ml	1/8	FW0608
10 Feet	0.31	275 ml	1/8	FW07 SA
10 Feet	0.31	300 ml	1/8	FW07 DB
10 Feet	0.31	300 ml	1/8	FW0808

Technicians match Danfoss compressors to systems using precise capillary tube lengths from 4 to 10 feet, paired with specific oil charges like 150 ml for 1/12 HP models. Capillary numbers 0.26 to 0.31 ensure optimal refrigerant flow in LBP setups.