

Danfoss hermetic compressors capillary sizing chart

Category: Refrigeration

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DANFOSS COMPRESSOR				
Capillary Length	Capillary No.	Oil (ml)	HP (Maximum)	Compressor No.
4 Feet	0.26	150 ml	1/12	7L5A
4 Feet	0.26	150 ml	1/12	7L2.5A
4 Feet	0.26	150 ml	1/12	7L2.0B
4 Feet	0.26	150 ml	1/14	7PWS08
4 Feet	0.26	175 ml	1/10	7PWS07
4 Feet	0.26	175 ml	1/10	7L3B
7.5 Feet	0.26	200 ml	1/8	7L5B
7.5 Feet	0.26	200 ml	1/8	7PWS06
7.5 Feet	0.26	200 ml	1/8	7PWS05
7.5 Feet	0.26	200 ml	1/8	7PWS04
7.5 Feet	0.26	200 ml	1/8	7PWS03
7.5 Feet	0.26	200 ml	1/8	7PWS02
7.5 Feet	0.26	200 ml	1/8	7PWS01
8 Feet	0.31	250 ml	1/8	7L5A
8 Feet	0.31	250 ml	1/8	7PWS07
8 Feet	0.31	250 ml	1/8	7PWS06
8 Feet	0.31	250 ml	1/8	7PWS05
10 Feet	0.31	275 ml	1/8	7PWS04
10 Feet	0.31	275 ml	1/8	7PWS03
10 Feet	0.31	300 ml	1/8	7PWS02
10 Feet	0.31	300 ml	1/8	7PWS01

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.