



I-Pack condensing unit for commercial refrigeration

**Economic units
Danfoss Scroll
Compressor**



Cooling solution for medium and large capacities



**Danfoss
Controller**



**Danfoss Scroll
Compressor**

- An ideal choice for medium temperature refrigeration needs under varying load conditions, offering excellent energy efficiency. Commonly applied in supermarkets, cold rooms, and rapid cooling systems.
- With its compact design, it is suitable for use in confined spaces.
- The microchannel U condenser design reduces refrigerant charge requirements by up to 40%.

I-PACK

R404A - R448A
R449A



iPACK			iPackD-P15	iPackD-19	iPackD-23	iPackD-27
Compressor QTY			2	2	3	3
Refrigerating Capacity	Medium Temp.	kW	15,5	19,2	23,2	27
Power Input	Medium Temp.	kW	7,34	9,14	11,01	12,81
Heating Capacity	Medium Temp.	kW	22,84	28,34	34,21	39,81
COP	Te -10°C		2,1	2,1	2,1	2,1
Dimensions	Height	mm	1887	1887	1887	1887
	Width	mm	810	810	810	810
	Depth	mm	810	810	1750	1750
Weight	kg		252	252	394	394
Heat Exchanger			Microchannel U Condenser			
Compressor 1	Type		Danfoss Scroll			
	Amper	A	6,1	8,54	6,1	8,54
	Piston Displacement	cm³/rev	80,9	98,5	80,9	98,5
	Compressor Model		MLZ038T4B	MLZ045T4B	MLZ38T4B	MLZ045T4B
	Starting Method		Direct on line			
Compressor 2	Type		Danfoss Scroll			
	Amper	A	6,1	8,54	6,1	8,54
	Piston Displacement	m³/h	80,9	98,5	80,9	98,5
	Compressor Model		MLZ038T4B	MLZ045T4B	MLZ38T4B	MLZ045T4B
	Starting Method		Direct on line			
Compressor 3	Type		Danfoss Scroll			
	Amper	A	-		6,1	6,1
	Piston Displacement	m³/h	-		80,9	80,9
	Compressor Model		-		MLZ038T4B	MLZ038T4B
	Starting Method		Direct on line			
Fan	Type		Axial Fan			
	Quantity		1			
	Air Flow Rate	m³/h	9185	10525	12,565	12,565
	Diameter	Ø	630	630	630	630
Fan Motor	Output	W	565	565	565	565
	Drive		Fan Inverter			
Sound Pressure Level	Nom.	dBA	67	67	67	67
Operation Range	Evaporator		-10 / +45 °C			
Refrigerant	Type		R-448A / R-449A			
	GWP		1.387			
	Charge	kg	12	14	18	24
Power Supply	Phase/Frequency/Voltage	Hz/V	3Ph~/50/380-415			



/ibscoolingsystem

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Dudullu Organize Sanayi Bölgesi,
Nato Yolu Cd No:39, 34776
Y.Dudullu / Ümraniye / İstanbul

Telefon:(216) 466 04 06

www.ibs.com.tr