





DENSO EPF4 System

- HFC-404a
- 24V
- 6930W @ 0°C
- 4120W @ -18°C
- 3080W @ -25°C

TRANSPORT REFRIGERATION BY DENSO

BENEFITS

- High cooling capacity in freezing mode.
- Low weight & Low noise level.
- External evaporator. (outside cargo-room)
- Environmental friendly refrigerant.
- Digital control panel with diagnostic function.
- Automatic and manual “Hot Gas” defrost.
- **Ejector technology.**

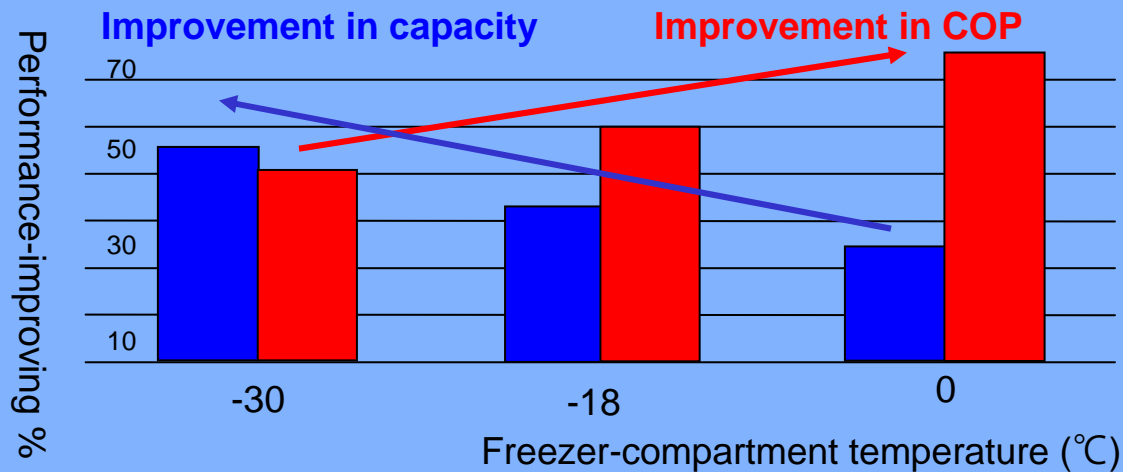
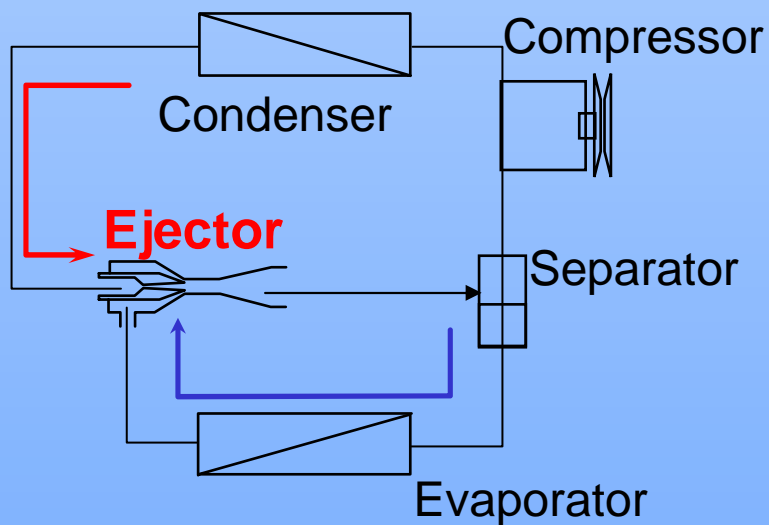
***‘Low maintenance costs, high cooling capacity
Integrated build up’***



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The worlds first Ejector Cycle



Advantages of the ejector technology

- Compression ratio is lower > higher efficiency
- Liquid flow into the evaporator > increased cooling performance
- Enthalpy difference is lower > less mechanical energy required
- COP is improved with up to 65%
- Cooling performance is improved with up to 45%



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Technical specifications EPF4 system		
Total system	Cooling capacity*	6930W @ 0°C 4120W @ -18°C 3080W @ -25°C
	Refrigerant	R-404A / 1.50 Kg.
	Operating voltage	24V
	System weight	116 Kg.
Package unit	Condenser core	Aluminum
	Evaporator core	Aluminum
	Dimensions	1907 x 525 x 800
Compressor	DENSO 10PA20 / 207cc	
Refrigerant Piping	Copper pipes and triple layer flexible hoses	
Safety devices	High and low pressure switches	
Control	Digital control panel with diagnosis function and hour meter	
	Automatic and manual "Hot Gas" defrost	
Options	Standby 230 / 400V	
	Air return system	
*) Cooling performances are given under the following conditions: Ambient temperature 30° C / 60% humidity Compressor Rpm. 1.800 which is equal to an average vehicle speed of 40 km/h.		

As one of the leading global suppliers of advanced automotive technology, systems and components, DENSO operates worldwide as a reliable partner to all major carmakers.

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