

# Meet ICF 20-2, the EVRA(T) 10/15/20 successor

Engineered for superior tightness, safety, and serviceability, ICF 20-2 is the next-generation solenoid valve – and part of an innovative, scalable platform.



## Leak-proof direct welding

Compared to EVRA(T) 10/15/20's flanged design, ICF 20-2 features direct welding for leak-proof safety and sustainable performance.

# -60°C

A flat-top cover gasket in low-temperature steel increases tightness down to -60°C for compatibility with a broader range of refrigerants.



## Easy serviceability

Gain the next-level benefits of the new ICF platform with the same simple configuration and serviceability.

# 65 bar

ICF 20-2 can withstand environments up to 65 bar – a significant improvement for high performance in more applications.



## Future-proof flexibility

The ICF platform offers scalable flexibility with countless opportunities to customize your application.



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[ICF.danfoss.com](http://ICF.danfoss.com)

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# Master higher pressures and lower temperatures with ICF 20-2

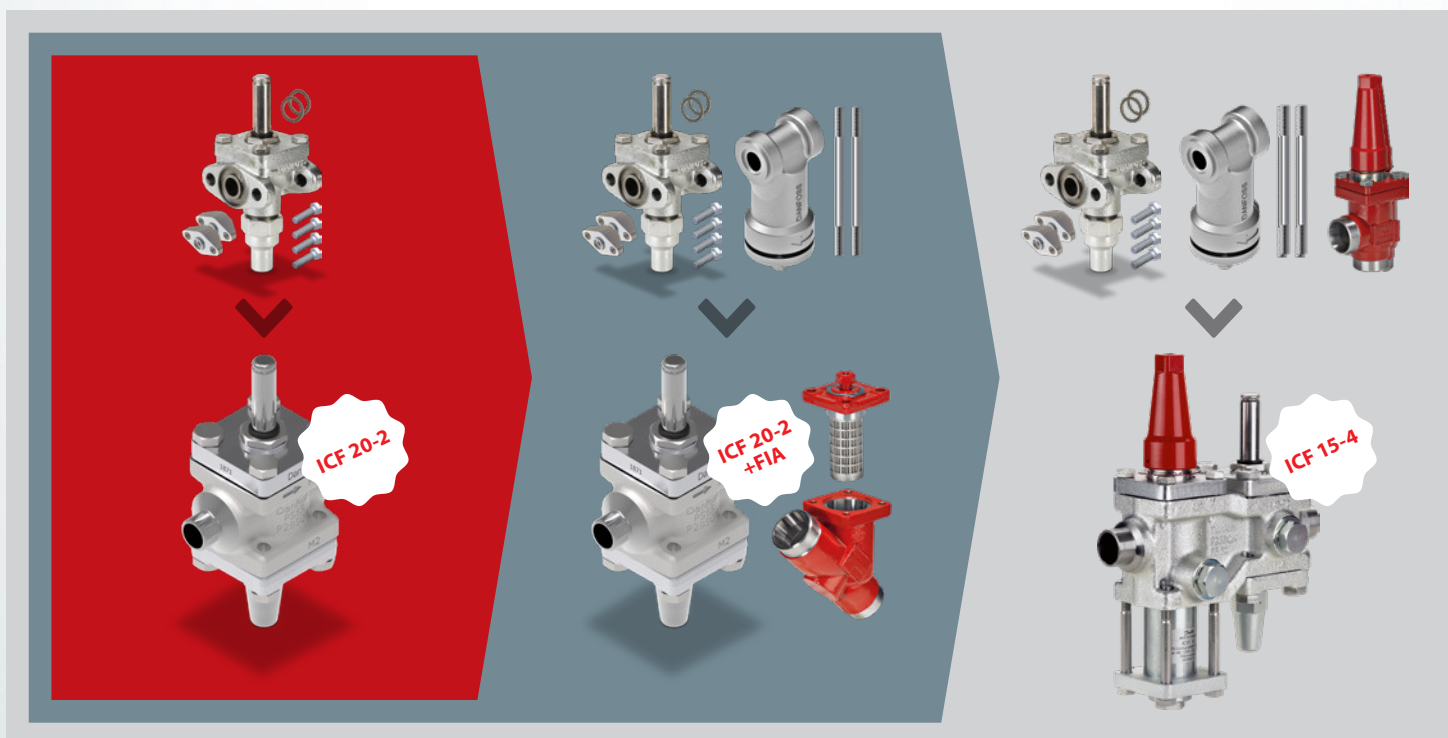
## Specifications and Code Numbers

Feature	ICF 20-2 with ICFE 20L (EVRA 10)	ICF 20-2 with ICFE 20 (EVRA 15)	ICF 20-2 with ICFE 20H (EVRA 20)
Kv-value	1,8 m <sup>3</sup> /h	3.2 m <sup>3</sup> /h	4.9 m <sup>3</sup> /h
Manual stem	Standard (ICFO)		Standard (ICFE 20H)
Min. OPD	0 bar		0.2 bar
Max. OPD	21 bar with 12W AC coil		40 bar with 12W AC coil
Refrigerants	CO <sub>2</sub> , H(C)FC, Ammonia		
MWP	65bar		
Temperature range	-60 to +120 °C		
Sales code number	027L3826 / ICF 20-2-121L 15 <b>D</b> *	027L3801 / ICF 20-2-121 15 <b>A</b> *	027L3804 / ICF 20-2-121H 20 <b>D</b> *
	027L3827 / ICF 20-2-121L 20 <b>D</b> *	027L3802 / ICF 20-2-121 15 <b>D</b> *	027L3806 / ICF 20-2-121H 20 <b>A</b> *
	027L3828 / ICF 20-2-121L 20 <b>A</b> *	027L3803 / ICF 20-2-121 20 <b>D</b> *	027L3807 / ICF 20-2-121H 25 <b>D</b> *
	027L3829 / ICF 20-2-121L 15 <b>A</b> *	027L3805 / ICF 20-2-121 20 <b>A</b> *	027L3808 / ICF 20-2-121H 25 <b>A</b> *
		027L3809 / ICF 20-2-121 20 <b>SOC</b> *	027L3810 / ICF 20-2-121H 20 <b>SOC</b> *
		027L3811 / ICF 20-2-121 22 <b>SD</b> *	027L3812 / ICF 20-2-121H 22 <b>SD</b> *
		027L3813 / ICF 20-2-121 7/8 <b>SA</b> *	027L3814 / ICF 20-2-121H 7/8 <b>SA</b> *

\* **Connection legend:** **A:** Butt weld ANSI (ASME B 36.10) / **D:** Butt weld DIN (EN 10220) / **SOC:** Socket weld, ANSI (ASME B 16.11) **SA:** Brazing ANSI (ASME B16.50) / **SD:** Brazing DIN (EN 1254-5)

## Simplify installations

Compared with the complexity of the EVRA(T) 10/15/20, the new ICF 20-2 solenoid valve – part of the existing ICF platform – simplifies your applications and makes future modifications possible.



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