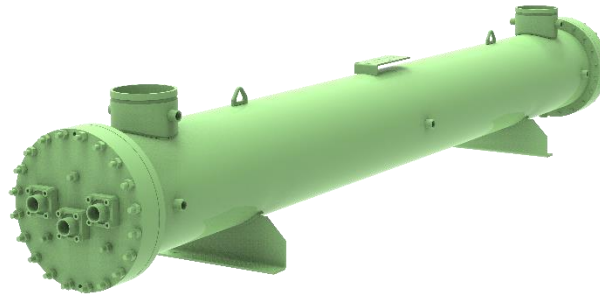




SALES INFORMATION

MP-0071-01 // January 2021

NEW ASME HEAT EXCHANGER AVAILABILITY



EXECUTIVE SUMMARY

This publication covers two important changes to the BITZER US Heat Exchange portfolio.

- 1) The ASME shell and tube heat exchanger portfolio acquired from Alfa Laval is available from BITZER US factory located in Oakwood, GA.
- 2) The Evaporator portion of this portfolio is now adopted as the “standard” evaporator product offering for the BITZER US market.

GENERAL

BITZER acquired the Alfa Laval portfolio of shell and tube evaporators and condensers for air conditioning and refrigeration applications in April 2018. The manufacturing of the PED version of this portfolio is located in Germany at BITZER’s Rottenburg-Hailfingen site. The manufacturing of the ASME version of the portfolio is located in Oakwood, GA.

AVAILABLE MODELS FROM BITZER US

The majority of the portfolio is available in ASME version out of the BITZER US factory located in Georgia. These products utilize copper or copper-nickel tubes (stainless steel and titanium tubes products are not yet available). To distinguish between the PED version and the ASME version, the letter “A” has been added to the series name. The performance and dimensions of the different code versions are nearly identical.

SOFTWARE

The sizing software for all of the following heat exchangers, **smarTube** is available from www.bitzerus.com website.



SALES INFORMATION

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SUMMARY OF NOMENCLATURE

PED Model	→	ASME Model
<u>Dry-Expansion Evaporators</u>		
○ PURE COOLER (PC)	→	PCA
○ DH	→	DHA
○ DM	→	DMA
<u>Water Cooled Condensers for Fresh Water</u>		
○ CXP	→	CXPA
○ CRF	→	CRFA
<u>Water Cooled Condensers for Marine Applications (Seawater)</u>		
○ CXPM	→	CXPMA
○ CRM	→	CRMA
○ McDew	→	McDewA

NEW STANDARD EVAPORATOR CATALOG

With immediate effect, BITZER US is pleased to announce the launch of its new Shell and Tube Evaporator product portfolio. The previous series of Evaporators (STEM, STEH and CTEH) will continue to be available until a future announcement regarding discontinuation is provided. With this change, BITZER US now offers two series of copper tube evaporators, DHA and Pure Cooler.

FINDING THE RIGHT MODEL

- **PURE COOLER (“PCA”)** series is a 1 pass, “Straight Tube” bundle designed for high efficiency and R134a-like refrigerants like R450A and R513A.
- **DHA** is 2 pass, “U-Tube” bundle designed for high flexibility, serviceability and all refrigerants in high temp, medium temp, and low temp applications.

NEW LITERATURE

DP-258: DHA Series of ASME rated, BITZER US Shell and Tube Evaporators

DP-259: PURE COOLER series of ASME rated, BITZER US Shell and Tube Evaporators

DP-260: CRFA and CRMA Series of ASME rated, BITZER US Shell and Tube Condensers

For sales inquiries and questions, please contact your Regional Sales Manager.