

## Brazed plate heat exchangers Alfa Laval AC-230EQ



Alfa Laval AC-30EQ brazed plate heat exchangers are made of stainless steel. These models are compatible with R407c, R404a, R507, R134a refrigerants and have one refrigerant circuit. The performance range of standard models is 50-320 kW.

### Performance is based on conditions

**Evaporator:** cooled medium - water, water inlet/outlet temperature 12/7 °C, refrigerant R407C, boiling point 3.5 °C, condensing temperature 40 °C, superheat at the evaporator outlet 7 K, subcooling at the condenser 1 K.

**Condenser:** coolant - water, water inlet/outlet temperature 30/35 °C, refrigerant R407C, condensing temperature 40°C, steam inlet temperature 65°C, subcooling 1 K.

Quick selection table AC-230EQ/ACH-230EQ

Model	Power, kWt)		Connecting pipes		Dimensions, (mm)	vendor code	Weight, (kg)	
	Evaporator	Capacitor	Fluid (inch)	Refrigerant (in)				
AC-230EQ-40H-F	60.5	50.2	2"-2" (victaulic), 1/2"-1/2" (internal thread)	1 1/8"-2 1/8" (soldering)	114x250x490	3287075500	21.4	<a href="#">Order</a>
AC-230EQ-50H-F	82.1	64.1			121x250x490	3287076401	25.3	<a href="#">Order</a>
AC-230EQ-60H-F	95.6	78.3			140x250x490	3287075501	29.2	<a href="#">Order</a>
AC-230EQ-70H-F	114.8	93.2			162x250x490	3287079517	33.2	<a href="#">Order</a>
AC-230EQ-80H-F	134.3	105.8			184x250x490	3287075502	37.2	<a href="#">Order</a>
AC-230EQ-90H-F	154.1	119.4			206x250x490	3287079518	40.8	<a href="#">Order</a>
AC-230EQ-100H-F	173.5	133.1			228x250x490	3287075503	45.2	<a href="#">Order</a>
AC-230EQ-120H-F	205.2	160.3			272x250x490	3287075504	53.2	<a href="#">Order</a>
AC-230EQ-130H-F	225.2	172.1			2 1/2"-2 1/2" (victaulic),	1/2"-7/8" (soldering)	288x250x490	-
AC-230EQ-140H-F	242.2	186.8	296x250x490	-			60.2	<a href="#">Order</a>
AC-230EQ-150H-F	249.8	202.2	338x250x490	3287075505			65.4	<a href="#">Order</a>
AC-230EQ-180H-F	284.2	243.1	1/2"-1/2" (internal thread)	1 1/8"-2 1/8" (soldering)	404x250x490	3287075506	77.5	<a href="#">Order</a>
AC-230EQ-210H-F	310.3	285.2			470x250x490	3287075507	89.2	<a href="#">Order</a>
ACH-230EQ-60H-F	95.2	77.8			1 5/8"-1 5/8" (soldering)	1 1/8"-2 1/8" (soldering)	140x250x490	3287075509
ACH-230EQ-80H-F	134.5	106.7	184x250x490	3287075510			36.5	<a href="#">Order</a>
ACH-230EQ-100H-F	171.9	132.7	2 1/8"-2 1/8" (soldering)	1 1/8"-2 1/8" (soldering)	228x250x490	3287075511	44.7	<a href="#">Order</a>
ACH-230EQ-120H-F	206.8	160.2			272x250x490	3287075512	52.6	<a href="#">Order</a>
ACH-230EQ-150H-F	250.5	200.9			338x250x490	3287075513	64.2	<a href="#">Order</a>
ACH-230EQ-180H-F	283.8	244.1			404x250x490	3287075514	76.4	<a href="#">Order</a>
ACH-230EQ-210H-F	310.2	284.6			470x250x490	3287075515	88.4	<a href="#">Order</a>