

Brazed plate heat exchangers Alfa Laval AC-500DQ



Alfa Laval AC-500DQ brazed plate heat exchangers are made of stainless steel. These models are compatible with R407c, R404a, R507, R134a refrigerants. Two refrigerant circuits. The performance range of standard models is 300-870 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-500DQ/ACH-500DQ

Model	Power, kWt)		Connecting pipes		Dimensions, (mm)	vendor code	Weight, (kg)	
	Evaporator	Capacitor	Fluid (inch)	Refrigerant (in)				
AC-500DQ-102H-F	320.5	-	3"- 3" victaulic, 2*1/2" internal thread	2* 1 3/8"-3 1/8" (soldering)	325x322x739	3287069873	112.3	Order
AC-500DQ-122H-F	382.8	-			405x322x739	3287069874	118.2	Order
AC-500DQ-142H-F	443.2	-			500x322x739	3287069875	133.4	Order
AC-500DQ-162H-F	505.3	-			560x322x739	3287069876	148.1	Order
AC-500DQ-182H-F	561.3	-			638x322x739	3287069877	165.7	Order
AC-500DQ-202H-F	619.7	-			654x322x739	3287069878	182.5	Order
AC-500DQ-222H-F	672.1	-			689x322x739	3287069879	199.8	Order
AC-500DQ-250H-F	877.6	-			717x322x739	3287069880	222.4	Order
ACH-500DQ-122H-F	382.7	-			200x322x739	3287069881	70.8	Order
ACH-500DQ-162H-F	504.9	-			221x322x739	3287069882	78.7	Order
ACH-500DQ-202H-F	620.1	-			247x322x739	3287069883	88.2	Order
ACH-500DQ-250H-F	878.2	-			276x322x739	3287069884	222.1	Order