

Brazed plate heat exchangers Alfa Laval AC-70X



Alfa Laval AC-70X brazed plate heat exchangers are made of stainless steel. These models are compatible with R407c, R404a, R507, R134a refrigerants. The performance range of standard models is 9-80 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-70X/ACH-70X

Model	Power, kWt)		Connecting pipes		Dimensions, (mm)	vendor code	Weight, (kg)	
	Evaporator	Capacitor	Fluid (inch)	Refrigerant (in)				
AC-70X-14H-F	9.9	9.1	1"-1" (thread)	5/8"-1 1/8" (soldering)	42x111x526	-	5.2	Order
AC-70X-20H-F	15.1	13.6			56x111x526	3287065787	5.7	Order
AC-70X-30H-F	23.7	23.7			79x111x526	3287065788	7.6	Order
AC-70X-34H-F	27.2	24.5			88x111x526	-	8.2	Order
AC-70X-40H-F	32.2	29.2			103x111x526	3287065789	9.2	Order
AC-70X-50H-F	40.3	37.2	1 1/4"-1 1/4" (thread)	5/8"-1 3/8" (soldering)	125x111x526	3287065790	11.6	Order
AC-70X-60H-F	49.1	44.6			148x111x526	3287065791	12.3	Order
AC-70X-70H-F	56.8	52.3			172x111x526	3287065792	14.6	Order
AC-70X-80H-F	65.9	60.1		7/8"-1 3/8" (soldering)	194x111x526	3287065793	16.5	Order
AC-70X-90H-F	70.5	67.5			218x111x526	3287065794	18.3	Order
AC-70X-100H-F	75.4	72.1			255x111x526	3287065795	20.1	Order
AC-70X-120H-F	82	85.2			311x111x526	3287065797	23.7	Order
ACH-70X-30H-F	23.5	19.4	1 1/8"-1 1/8" (soldering)	5/8"-1 3/8" (soldering)	104x111x526	3287110945	7.5	Order
ACH-70X-34H-F	27.5	24.5	1"-1" (thread)	5/8"-1 1/8" (soldering)	115x111x526	-	8.3	Order
ACH-70X-40H-F	32.2	29.4			129x111x526	-	9.9	Order
ACH-70X-50H-F	40.2	37.2	1 1/8"-1 1/8" (soldering)	5/8"-1 3/8" (soldering)	150x111x526	3287065932	11.6	Order
ACH-70X-60H-F	49.3	44.6	1 1/4"-1 1/4" (thread)	7/8"-1 3/8" (soldering)	172x111x526	3287065816	12.9	Order
ACH-70X-70H-F	56.8	51.8		5/8"-1 3/8" (soldering)	196x111x526	3287065933	14.7	Order
ACH-70X-80H-F	64.2	60.2		7/8"-1 3/8" (soldering)	242x111x525	3287065934	16.5	Order
ACH-70X-90H-F	70.5	68			242x111x526	3287065934	17.2	Order
ACH-70X-110H-F	79.1	70.2			288x111x526	3287065935	21.5	Order
AC-70X-12M-F	8.1	6.3	1"-1" (thread)	5/8"-1 1/8" (soldering)	48x111x526	3287065785	4.3	Order
AC-70X-20M-F	14.5	11.5			56x111x526	3287065787	6.2	Order
AC-70X-30M-F	22.8	18.2			104x111x526	3287065788	8.2	Order
AC-70X-40M-F	30.8	24.6			127x111x526	3287065789	10.3	Order
AC-70X-50M-F	38.4	31.1	1 1/4"-1 1/4" (thread)	5/8"-1 3/8" (soldering)	150x111x526	3287065790	11.7	Order
AC-70X-60M-F	45.6	37.6			173x111x526	3287065791	13.5	Order
AC-70X-70M-F	52.2	44.3			196x111x526	3287065792	15.4	Order
AC-70X-80M-F	58.1	50.5		7/8"-1 3/8" (soldering)	219x111x526	3287065793	17.3	Order
AC-70X-90M-F	63.1	56.9			243x111x526	3287065794	19.3	Order
AC-70X-100M-F	70.2	64.2			265x111x526	3287065795	21.1	Order
AC-70X-120M-F	75.8	69.4			311x111x526	3287065797	24.7	Order