

Freon Desuperheater Water Heaters

Designed to heat domestic water, the Doucette AC Series is the leading heat recovery unit in the industry. In standard air conditioning applications, the AC Series can be integrated with any brand of HVAC equipment. Ideal wherever hot water is needed, a Desuperheater/Water Heater is a heat exchanger designed to use refrigerant hot gas to heat domestic water up to 140° F. Our AC Series Desuperheater is rated at 450 psi refrigerant side, 300 psi water side, and is mechanically cleanable. U.L. and USDA Listed for potable water.



Single Refrigerant Circuit

dii Model Number	List Price (C) Cabinet Outdoor	List Price (F) Frame Only Indoor	Nominal A/C Tons Refriger. HP	Length (inches)	Width (inches)	Height (inches)	Refrig. O.D.	Water O.D.	Shipping Weight (lbs.)
AC 5	\$1,974.00	\$1,222.00	5	35	2-3/4	25-1/2	1-1/8 ID	5/8	46
AC 7-1/2	\$2,126.00	\$1,298.00	7-1/2	42	2-3/4	25-1/2	1-1/8 ID	5/8	65
AC 10	\$2,227.00	\$1,400.00	10	49	2-3/4	25-9/16	1-1/8 ID	5/8	80
AC 15	\$3,766.00	\$2,725.00	15	43-3/4	4-3/4	25-13/16	1-3/8	7/8	190
AC 20	\$4,024.00	\$2,922.00	20	51	4-3/4	25-13/16	1-5/8	7/8	210
AC 25	\$4,933.00	\$3,775.00	25	43-3/4	6-3/4	25-13/16	1-5/8	1-1/8	250
AC 30	\$5,280.00	\$4,074.00	30	51	6-3/4	25-13/16	2-1/8	1-1/8	320
AC 40	\$6,719.00	\$5,456.00	40	51	8-3/4	25-13/16	2-1/8	1-3/8	400
AC 50	\$8,056.00	\$6,666.00	50	51	10-3/4	25-13/16	2-1/8	1-3/8	440
AC 60	\$9,343.00	\$7,850.00	60	52	12-3/4	25-13/16	2-5/8	1-5/8	480
AC 70	\$11,109.00	\$9,537.00	70	52	14-3/4	25-13/16	2-5/8	2-1/8	560
AC 80	\$12,283.00	\$10,709.00	80	52	16-3/4	25-13/16	2-5/8	2-1/8	600
AC 90	\$13,627.00	\$11,873.00	90	52	18-3/4	25-13/16	2-5/8	2-1/8	660
AC 100	\$15,015.00	\$13,262.00	100	52	20-3/4	25-13/16	3-1/8	2-1/8	720
AC 120	\$17,469.00	\$15,732.00	120	52	24-3/4	25-13/16	3-1/8	2-1/8	850
AC 140	\$20,011.00	\$18,285.00	140	52	28-3/4	26-13/16	3-5/8	2-1/8	965
AC 160	\$22,907.00	\$20,914.00	160	52-1/2	32-3/4	26-13/16	3-5/8	2-5/8	1080
AC 180	\$25,381.00	\$23,398.00	180	52-1/2	36-3/4	26-13/16	3-5/8	2-5/8	1230
AC 200	\$27,804.00	\$26,022.00	200	52-1/2	40-3/4	26-13/16	3-5/8	2-5/8	1380

Dual Refrigerant Circuit

AC 15-2	\$3,867.00	\$2,693.00	15	43-3/4	6-3/4	25-1/2	1-1/8	7/8	200
AC 20-2	\$4,119.00	\$2,890.00	20	51	6-3/4	25-1/2	1-1/8	7/8	235
AC 30-2	\$6,289.00	\$5,042.00	30	43-3/4	10-3/4	25-13/16	1-3/8	1-1/8	340
AC 40-2	\$7,022.00	\$5,628.00	40	51	10-3/4	25-13/16	1-5/8	1-3/8	420
AC 60-2	\$9,514.00	\$8,022.00	60	52	14-3/4	25-13/16	2-1/8	1-5/8	500
AC 80-2	\$12,826.00	\$11,058.00	80	52	18-3/4	25-13/16	2-1/8	2-1/8	620
AC 100-2	\$15,186.00	\$13,428.00	100	52	22-3/4	25-13/16	2-1/8	2-1/8	750
AC 120-2	\$17,533.00	\$15,783.00	120	52	26-3/4	25-13/16	2-5/8	2-1/8	880
AC 140-2	\$20,296.00	\$18,470.00	140	52	30-3/4	25-13/16	2-5/8	2-1/8	980
AC 160-2	\$23,172.00	\$21,183.00	160	52-1/2	34-3/4	25-13/16	2-5/8	2-5/8	1100
AC 180-2	\$25,747.00	\$23,761.00	180	52-1/2	38-3/4	25-13/16	2-5/8	2-5/8	1250
AC 200-2	\$28,750.00	\$26,600.00	200	52-1/2	42-3/4	26	3-1/8	2-5/8	1400

Circulator Pumps (For indoor use only)

AC Model	List Price	Pump Model (Shipped Loose)	HP	Power V/ø/HZ	Connections (inches)	Rating (Head Vs. GPM)			
						5 ft.	10 ft.	15 ft.	20 ft.
AC 5-10	\$576.00	UP 15-18SU	1/25	115/1/60	3/4 Union	5 GPM			
AC 15-25	\$765.00	UP 15-42SU	1/25	115/1/60	3/4 Union	10	4 GPM		
AC 30-70	\$990.00	UP 25-64SF	1/12	115/1/60	1 Flange	15	12	7 GPM	
AC 80-200	\$1,245.00	UP 43-75BF	1/6	115/1/60	1-1/2 Flange	38	30	23	14 GPM

Price includes union or flange kit, shipped loose.