

# ENCLOSED CONDENSING UNITS MEDIUM TEMP SCROLLS



## R404A/R449A LOW/MEDIUM/HIGH BACK PRESSURE WITH COPELAND ZB COMPRESSOR

STOCK CODE	MODEL	VOLTAGE	NOM. HP	AMBIENT °C	COOLING CAPACITY KW							DIMENSIONS (mm)			TOTAL MRA	PIPE SIZE		NOISE dist = 10m dBA
					-25	-20	-15	-10	-5	0	5	W	D	H		LIQUID	SUCTION	
AGQ0020	HUCZB15-1M	240	2	35	1.7	2.2	2.9	3.6	4.3	5.2	6.1	1035	450	750	13.55	3/8	3/4	48
				40	1.5	1.9	2.6	3.2	3.8	4.6	5.4							
AGQ0060	HUCZB19-1M	240	2.3	35	2.0	2.6	3.6	4.4	5.3	6.3	7.5	1235	500	900	13.71	3/8	3/4	50
				40	1.8	2.3	3.1	3.9	4.7	5.6	6.7							
AGQ0080	HUCZB21-1M	240	2.7	35	2.4	3.2	4.3	5.3	6.3	7.6	9.1	1235	500	900	17.62	3/8	3/4	50
				40	2.2	2.8	3.8	4.7	5.6	6.7	8.0							
AGQ0082	HUCZB26-1M	240	3	35	2.9	3.7	5.0	6.2	7.4	8.9	10.6	1235	500	900	19.22	1/2	3/4	50
				40	2.5	3.3	4.4	5.5	6.6	7.9	9.4							
AGQ0085	HUCZB15-3M	415	2	35	1.7	2.2	2.9	3.6	4.3	5.2	6.1	1035	450	750	5.52	3/8	3/4	48
				40	1.5	1.9	2.6	3.2	3.8	4.6	5.4							
AGQ0090	HUCZB19-3M	415	2.3	35	2.0	2.6	3.6	4.4	5.3	6.3	7.5	1235	500	900	7.70	3/8	3/4	50
				40	1.8	2.3	3.1	3.9	4.7	5.6	6.7							
AGQ0100	HUCZB21-3M	415	2.7	35	2.4	3.2	4.3	5.3	6.3	7.6	9.1	1235	500	900	8.11	3/8	3/4	50
				40	2.2	2.8	3.8	4.7	5.6	6.7	8.0							
AGQ0120	HUCZB26-3M	415	3	35	2.9	3.7	5.0	6.2	7.4	8.9	10.6	1235	500	900	9.81	1/2	3/4	50
				40	2.5	3.3	4.4	5.5	6.6	7.9	9.4							
AGQ0140	HUCZB29-3M	415	3.5	35	3.4	4.4	5.9	7.3	8.7	10.4	12.5	1355	500	1200	12.12	1/2	7/8	52
				40	3.0	3.8	5.2	6.4	7.7	9.2	11.0							
AGQ0160	HUCZB38-3M	415	4	35	4.2	5.4	7.3	9.0	10.9	13.0	15.5	1355	500	1200	14.62	1/2	7/8	53
				40	3.7	4.8	6.5	8.0	9.6	11.5	13.7							
AGQ0180	HUCZB45-3M	415	5	35	4.9	6.3	8.6	10.6	12.7	15.2	18.1	1355	500	1200	14.92	1/2	7/8	53
				40	4.3	5.6	7.6	9.3	11.2	13.5	16.0							
AGQ0200	HUCZB48-3M	415	6	35	5.4	7.0	9.5	11.7	14.1	16.9	20.1	1355	500	1200	15.82	1/2	7/8	53
				40	4.8	6.2	8.4	10.4	12.4	14.9	17.8							
AGQ0220	HUCZB58-3M	415	8	35	-	-	11.5	14.1	17.0	20.4	24.3	1455	500	1300	20.40	5/8	1 1/8	57
				40	-	-	10.1	12.5	15.0	18.0	21.5							
AGQ0240	HUCZB66-3M	415	9	35	-	-	12.8	15.8	18.9	22.7	27.1	1455	500	1300	22.50	5/8	1 1/8	57
				40	-	-	11.3	13.9	16.7	20.1	23.9							
AGQ0260	HUCZB76-3M	415	10	35	-	-	15.2	18.8	22.6	27.1	32.3	2080	600	1360	25.40	5/8	1 3/8	57
				40	-	-	13.5	16.6	20.0	23.9	28.5							
AGQ0280	HUCZB95-3M	415	12	35	-	-	19.8	24.4	29.3	35.2	42.0	2080	600	1360	38.20	5/8	1 3/8	48
				40	-	-	17.5	21.6	25.9	31.1	37.1							
AGQ0300	HUCZB114-3M	415	15	35	-	-	22.9	28.2	33.9	40.6	48.4	2080	600	1360	43.30	5/8	1 3/8	52
				40	-	-	20.2	24.9	29.9	35.9	42.8							

Ratings based on 11k suction superheat / 3k subcooling  
 For 38° ambient ratings - multiply 35° c by 0.94  
 For 43° ambient ratings - multiply 40° c by 0.94

Accumulator option recommended for low temp applications where the pipe run is less than 6 metres.  
 Fan speed control option is recommended for low temperature and R134a applications.  
 To avoid compressor damage, suction superheat must be equal to 10k.

APPLICATION	CONVERSION TABLE			
	REFRIGERANT			
	R404A	R449A (XP40)	R134a	R513a (XP10)
+5sst	1	1.01	0.65	0.65
-5sst	1	1.00	0.61	0.63
-25sst	1	0.99	N/A	N/A

Use this table for estimating capacities at a constant SCT.