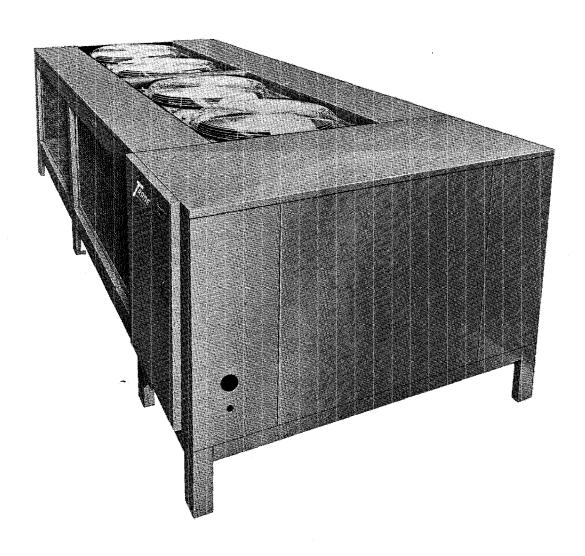


## SPLIT SYSTEM AIR CONDITIONERS

20-100 TONS FOR COMMERCIAL AND INDUSTRIAL AIR CONDITIONING



**APPLIES TO CATALOG** DS-S/\$1 OCTOBER, 1975 SUPPLEMENT DATE JANUARY, 1976



**EXTENSION OF NET CAPACITY RATINGS** FOR RAUB WITH 115°F **OUTSIDE AIR TEMPERATURE ENTERING CONDENSER** (Tables 15-1, 16-1, 17-1, and 18-1 of catalog DS-S/S1)

TABLE 15-1 — Net Capacities — RAUA with BRCB

CONDENSING UNIT	DB TEMP.	Ì	WET BULB TEMPERATURE ENTERING EVAPORATOR				
AND FAN COIL UNIT COMBINATION	ENTERING EVAP.		61 64 67 OUTSIDE AIR TEMPERATURE EN				
						115	115
		MOUL	115	115	115 202	212	
	<b>i</b>	MBH	183 ,88	191 .72	,58	.45	l
	75	SHR MBH	190	193	203		<del> </del>
RAUA 200	00	MBH SHR	1.0	.89	.74		_
WITH	80	MBH	201	201	205		-
BRCB 200 8,000 CFM	85	SHR	1,0	1.0	.90		
6,000 CFW	- 03	мвн		-			
	90	SHR					
		MBH	194	204			
	75	SHR	.95	.78		<u> </u>	-
RAUA 200		мвн	207			-	
WITH	80	SHR	1.0				
BRCB 250		мвн		-			
10,000 CFM	85	SHR		-		ļ <u>-</u>	
		МВН	- ·			T	
	90	SHR		- 247	262	274	-
		MBH	236	247 .70	.56	.44	
	75	SHR	.86 243	250	261	274	
RAUA 250		MBH	1,0	.88	.72	.59	_
WITH	80	SHR MBH	258	258	263	275	
BRCB 250	05	SHR	1,0	1.0	.89	.74	
10,000 CFM	85	MBH	273	273	274	279	
	90	SHR	1.0	1.0	1,0	.89	
	90	MBH	249	261	273		
	75.	SHR	.92	.75	.60		-
RAUA 250	"-	МВН	263	265	274		
WITH	80	SHR	1,0	.94	.78		
BRCB 300		мвн	278	279	282	-	
12,000 CFM	85	SHR	1.0	1.0	.95		<u></u>
12,000 01 141		мвн					-
	90	SHR	i				
	1	МВН	286	301	316		-
	75	SHR	.86	.70	.57		
RAUA 300		MBH	295	302	315		
WITH	80	SHR	.99	.87	.73	-	
BRCB 300		MBH	312	311	319		-
12,000 CFM	85	SHR	1.0	.99	.88		
•		MBH	-	-		-	-
	90	SHR		-	<u></u>		
		МВН	310	-	·		-
	75	SHR	.95				<del>  -</del>
RAUA 300		мвн	-				_
WITH	80	SHR					<del>  -</del> -
BRCB 400		МВН		-		-	
16,000 CFM	85	SHR	<del> </del>	<del>-</del>			+
	1	MBH	-		-		
	90	SHR	254	373	<del></del>	+	
GALIA 400	3-	MBH	354 .89	.72			
	75	SHR MBH	370	374			
RAUA 400	80	SHR	1.0	.91			
WITH BRCB 400 16,000 CFM		MBH					<del>  -</del>
	85	SHR		-			-
10,000 CT NI	<del>                                     </del>	мвн	<del> </del>				
	90	SHR	l				
	- <del> </del>	мвн	382	398			T
	75	SHR	.96	.79			
RAUA 400		MBH	407	411			
WITH	80	SHR	1.0	.77			
BRCB 500		МВН				T	
20,000 CFM	85	SHR					=
•		MBH					-
	90	SHR					<del></del>
		MBH	469	492	519	-	-
	75	SHR	.87	.71	.57	<u> </u>	<del>-</del>
RAUA 500		МВН	484	496	520		-
WITH	80	SHR	1.0	.88	.73 526	<del></del>	<del></del>
BRCB 500		MBH	513	512	.89		
20,000 CFM	85	SHR	1.0 545	.99 543	544	<del></del>	
	•	мвн	D40	1 545	, ,,,,		1

TABLE 16-1 - Net Capacities - RAUA with BRCB (Con't.)

CONDENSING UNIT	DB TEMP.		WET BU	BULB TEMPERATURE ENTERING EVAPORATOR				
AND FAN COIL	ENTERING		61 64 67 70 73					
UNIT COMBINATION	EVAP.				ITERING CO	NDENSE		
	İ	1	115	115	115	115		
		МВН	489	521			11	
	75	SHR	.92	.75				
RAUA 500 WITH (2) BRCB 300		МВН	525	./3				
	80	SHR	1.0	_				
		MBH	1.0	+	<u> </u>	<del></del>		
24,000 CFM	85	SHR						
	<del></del>	MBH	<del></del>	ļ				
	90	SHR		-		-		
	- 30	MBH	569	 F04		<del></del>	<del></del>	
	75	SHR	.89	594	627	-		
RAUA 600	75	MBH	586	.71	.57			
WITH	80	SHR		600	625	-		
(2) BRCB 300		MBH	1.0	.88	.73			
24,000 CFM	85		620	618				
21,000 01 10	- 65	SHR	1.0	1.0				
	90	MBH		-	-			
	90	SHR						
	75	МВН	614					
RAUA 600	75	SHR	.96					
WITH	90	MBH	-					
	80	SHR	-					
(2) BRCB 400		МВН						
32,000 CFM	85	SHR						
		MBH			'			
	90	SHR						
		MBH	367	384	406		-	
	75	SHR	.87	.72	.58		-	
RAUA 400M		МВН	381	388	406	==		
WITH	80	SHR	1.0	.89	.74			
(2) BRCB 200		мвн	403	403	411			
16,000 CFM	85	SHR	1.0	1.0	.90		_	
Ţ		MBH			<del> </del>		<del> </del>	
	90	SHR	-					
	*	MBH	395	409				
	75	SHR	.94	.77				
RAUA 400M		МВН	416	415	<del> </del>		+ =	
WITH	80	SHR	1.0	.96				
(2) BRCB 250		МВН		<del></del>	<del></del>		-	
20,000 CFM	85	SHR	_					
ī		MBH	<del></del>		<del> </del>		<del>-</del>	
	90	SHR	_			- <u>-</u>		
		МВН	475	499	526	550	<del></del>	
	75	SHR	.86	.70	.56	.44		
RAUA 500M		мвн	488	500	524	550	<del></del>	
WITH	80	SHR	1.0	.87	.72	.59	-	
(2) BRCB 250		МВН	518	518				
20,000 CFM	85	SHR	1.0	1.0	530 .88	553 .74	-	
·		MBH	548	548	.88 549	559		
	90	SHR	1.0	1.0			-	
		MBH	501	524	1.0 549	.89		
	75		1		1 1		-	
	/5	SHR I	ו עיט ו	//				
RAUA 500M	75	SHR	.92	.75	.60		<del></del>	
RAUA 500M WITH		МВН	528	532	551			
	80	MBH SHR	528 1.0	532 .93	551 .78			
WITH	80	MBH SHR MBH	528 1.0 559	532 .93 560	551 .78 564			
WITH (2) BRCB 300		MBH SHR MBH SHR	528 1.0 559 1.0	532 .93 560 1.0	551 .78 564 .94			
WITH (2) BRCB 300	80 85	MBH SHR MBH SHR MBH	528 1.0 559 1.0	532 .93 560 1.0	551 .78 564 .94		  	
WITH (2) BRCB 300	80	MBH SHR MBH SHR MBH SHR	528 1.0 559 1.0	532 .93 560 1.0	551 .78 564 .94	    		
WITH (2) BRCB 300	80 85 90	MBH SHR MBH SHR MBH SHR MBH	528 1.0 559 1.0   575	532 .93 560 1.0	551 .78 564 .94 	   		
WITH (2) BRCB 300 24,000 CFM	80 85	MBH SHR MBH SHR MBH SHR MBH SHR	528 1.0 559 1.0   575 .86	532 .93 560 1.0  - 600 .70	551 .78 564 .94   634 .57			
WITH (2) BRCB 300	80 85 90 75	MBH SHR MBH SHR MBH SHR MBH SHR	528 1.0 559 1.0  575 .86 592	532 .93 560 1.0   600 .70	551 .78 564 .94   634 .57	      		
RAUA 600M	80 85 90	MBH SHR MBH SHR MBH SHR MBH SHR MBH SHR	528 1.0 559 1.0  575 .86 592 .99	532 .93 560 1.0  600 .70 607 .87	551 .78 564 .94 			
RAUA 600M WITH (2) BRCB 300	80 85 90 75 80	MBH SHR MBH SHR MBH SHR MBH SHR MBH SHR MBH SHR	528 1.0 559 1.0  575 .86 592 .99 626	532 .93 560 1.0 	551 .78 564 .94   634 .57 632 .72			
RAUA 600M	80 85 90 75	MBH SHR	528 1.0 559 1.0  575 .86 592 .99 626 1.0	532 .93 560 1.0 	551 .78 564 .94  634 .57 632 .72			
RAUA 600M WITH (2) BRCB 300	80 85 90 75 80 85	MBH SHR MBH SHR MBH SHR MBH SHR MBH SHR MBH SHR	528 1.0 559 1.0  575 .86 592 .99 626 1.0	532 .93 560 1.0 	551 .78 564 .94  634 .57 632 .72			
RAUA 600M WITH (2) BRCB 300	80 85 90 75 80	MBH SHR	528 1.0 559 1.0   575 .86 592 .99 626 1.0	532 .93 560 1.0 	551 .78 564 .94   634 .57 632 .72			
RAUA 600M WITH (2) BRCB 300	80 85 90 75 80 85	MBH SHR	528 1.0 559 1.0   575 .86 592 .99 626 1.0	532 .93 560 1.0 	551 .78 564 .94   634 .57 632 .72			
RAUA 600M WITH (2) BRCB 300 24,000 CFM	80 85 90 75 80 85	MBH SHR	528 1.0 559 1.0   575 .86 592 .99 626 1.0	532 .93 560 1.0   600 .70 607 .87 626 .99	551 .78 564 .94   634 .57 632 .72			
RAUA 600M WITH (2) BRCB 300 24,000 CFM	80 85 90 75 80 85 90 75	MBH SHR	528 1.0 559 1.0  575 .86 592 .99 626 1.0  622 .95	532 .93 560 1.0  600 .70 607 .87 626 .99	551 .78 564 .94   .634 .57 632 .72  			
RAUA 600M WITH (2) BRCB 300 24,000 CFM	80 85 90 75 80 85	MBH SHR	528 1.0 559 1.0  575 .86 592 .99 626 1.0  622 .95	532 .93 560 1.0  600 .70 607 .87 626 .99	551 .78 564 .94 			
RAUA 600M WITH (2) BRCB 300 24,000 CFM RAUA 600M WITH (2) BRCB 300 24,000 CFM	80 85 90 75 80 85 90 75 80	MBH SHR	528 1.0 559 1.0  575 .86 592 .99 626 1.0  622 .95	532 .93 560 1.0 	551 .78 564 .94 			
RAUA 600M WITH (2) BRCB 300 24,000 CFM	80 85 90 75 80 85 90 75	MBH SHR	528 1.0 559 1.0  575 .86 592 .99 626 1.0  622 .95	532 .93 560 1.0  600 .70 607 .87 626 .99	551 .78 564 .94 			

TABLE 17-1 — Net Capacities — RAUA with BRCB (Con't.)

CONDENSING LIMIT	DB TEMP.		WET BU	LB TEMPERA	TURE ENTER	ING EVAPOF	RATOR
CONDENSING UNIT AND FAN COIL	ENTERING		61	64	67	70	73
UNIT COMBINATION	EVAP.		OUTSID	E AIR TEMPE	RATURE ENT	ERING COND	ENSER
ONTI COMBINATION	1		115	115	115	115	115
	<del> </del>	мвн	701	731			*
	75	SHR	.90	.73			
RAUA 800		MBH	731	743	-		
WITH	80	SHR	1.0	.91			
(2) BRCB 400		мвн		,	-	- 1	
32.000 CFM	85	SHR					
02,000 01		мвн	-	~			
	90	SHR					
RAUA 800 WITH (2) BRCB 500 40.000 CFM		мвн	747	-	- 1		
	75	SHR	.97				
		MBH		-	-		
	80	SHR	·				
		MBH		-	-		
	85	SHR					
,		MBH	-		~	-	-
	90	SHR				2 /** .	
		мвн	919	956	-		
	75	SHR	.87	.72			
RAUA 1000 WITH (2) BRCB 500 40,000 CFM		MBH	949	970		-	
	80	SHR	1.0	.89		~	
		МВН					
	85	SHR					
		МВН				<del></del> .	
	90	SHR		-		<u> </u>	

TABLE 18-1 — Net Capacities — RAUA with EVP

RAUA Condensing		115 F		RAUA Condensing	1	115 F	
Unit With EVP	Leaving			Unit with EVP	Leaving		Water
Chiller	Water	Capacity	Water	Chiller	Water	Capacity	GPM
Combination	Temp. (F)	(Tons)	GPM:	Combination	Temp (F)	(Tons)	71.3
RAUA 200M	42	14.9	35.7	RAUA 400M	42	29.7	75.0
With	45	15.7	37.5	With	45	31.3	1
EVP 312	48	16.4	39.3	EVP 358	48	33.6	80.7 73.1
RAUA 200M	42	15.3	36.6	RAUA 400M	42	30.5	1
With	45	16.1	38.5	With	45	32.1	76.9
EVP 313	48	16.9	40.4	EVP 359	48	32.8	78.6
RAUA 250M	42	18.5	44.4	RAUA 500M	42	37.1	88.9
With	45	19.5	46.6	With	45	38.9	93.3
EVP 313	48	20.4	49.0	EVP 359	48	40.8	97.9
RAUA 250M	42	18.9	45.3	RAUA 500M	42	37.8	90.7
With	45	19.7	47.6	With	45	40.0	95.8
EVP 314	48	21.0	50.3	EVP 360	48	41.9	100.5
RAUA 300M	42	22.5	54.0	RAUA 600M	42	45.3	108.7
With	45	23.6	56.7	With	45	47.6	114,2
EVP 314	48	24.8	59.4	EVP 360	48	49.9	119.6
RAUA 300M	42	23.3	55.7	RAUA 600M	42	46.8	112.3
With	45	24.4	58.6	With	45	49,2	118.1
EVP 353	48	25.6	61.4	EVP 356	48	51,6	123.7
RAUA 400F	42	27.9	66.8	RAUA 800E	42	54.2	130.1
With	45	29.3	70.2	With	45	57.5	137.9
EVP 353	48	30.9	74.1	EVP 356	48	60.2	144.8
RAUA 400F	42	28.5	68.4	RAUA 800E	42	55.8	133.8
With	45	30.1	72.1	With	45	58.8	141.0
EVP 354	48			EVP 357	48	61.2	146.7
RAUA 500E	42	36.8	88.3	RAUA 1000E	42	72.7	174.4
With	45	38.7	92,9	With	45	76.2	182.8
EVP 354	48	40.7	97.7	EVP 357	48	79.6	190.9
RAUA 500E	42	37.6	90.2	RAUA 1000E	42	74.1	177.7
With	45	39.6	95.0	With	45	77.6	186.2
EVP 355	48	41.9	100.4	EVP 385	48	81.0	194.2
	42	45.4	108.8	RAUA 1200R	42	91.2	218.9
RAUA 600E	45	47.6	114.2	With	45	95.6	229.4
With	48	49.7	119.3	EVP 385	48	99.9	239.6
EVP 355	42	46.9	112.5				
RAUA 600E	42 45	49.1	117.9				
With	48	51.2	122.9				
EVP 356	40						

Since The Trane Company has a policy of continuous product improvement, it reserves the right to change design and specifications without notice.



