

TABLE 5

YCAA-B COOLING CAPACITIES (Standard Units)

Model	LCLT °C	Condenser Entering Air Temperature °C											
		25		30		32		35		40		43	
		Cool kW	Power kW	Cool kW	Power kW	Cool kW	Power kW	Cool kW	Power kW	Cool kW	Power kW	Cool kW	Power kW
YCAA-B 60	6	53.4	18.3	48.9	18.8	47.1	19.0	44.4	19.2	39.8	19.5	37.1	19.8
	7	55.3	18.7	50.9	19.2	49.0	19.4	46.2	19.6	41.5	19.9	38.9	20.2
	8	57.3	19.0	52.7	19.6	50.9	19.7	48.1	19.9	43.3	20.2	40.6	20.5
	10	61.1	19.6	56.4	20.2	54.5	20.4	51.6	20.6	46.8	20.9	44.0	23.1
	12	64.7	20.1	59.9	20.8	57.9	21.3	55.0	21.3	50.0	21.5	47.1	21.9
	15	70.5	21.2	65.4	21.9	63.4	22.3	60.4	22.4	55.2	22.6		
YCAA-B 75	6	61.2	21.4	56.1	22.0	54.0	22.2	50.9	22.4	45.6	22.8	42.5	23.1
	7	63.4	21.8	58.3	22.4	56.2	22.6	53.0	22.9	47.6	23.2	44.6	23.5
	8	65.7	22.2	60.4	22.8	58.3	23.0	55.1	23.3	49.6	23.6	46.5	23.9
	10	70.1	22.9	64.7	23.6	62.5	23.8	59.2	24.1	53.6	24.4	50.4	26.9
	12	74.2	23.5	68.7	24.3	66.4	24.8	63.1	24.8	57.3	24.9		
	15	80.8	24.7	75.0	25.6	72.7	26.0	69.2	26.1				
YCAA-B L90	6	66.8	21.4	64.1	23.3	62.9	24.1	61.1	25.3	54.6	27.4	50.8	28.8
	7	68.8	21.7	66.0	23.5	64.7	24.3	62.9	25.6	56.2	27.7	52.3	29.0
	8	70.7	22.0	67.9	23.9	66.6	24.7	64.7	25.9	57.8	28.0	53.9	29.4
	10	74.7	22.7	71.8	24.6	70.4	25.4	68.4	26.6	61.2	28.8		
	12	78.8	23.3	75.6	25.3	74.2	26.1	72.2	27.4	64.5	29.5		
	15	85.1	24.4	81.6	26.4	80.1	27.2	77.9	28.5				
YCAA-B L105	6	75.7	24.9	73.3	27.2	72.2	28.2	70.5	29.7	64.8	32.3	61.3	34.0
	7	77.9	25.2	75.3	27.5	74.2	28.5	72.6	30.0	66.6	32.6	63.0	34.4
	8	79.9	25.8	77.3	28.1	76.1	29.1	74.4	30.6	68.3	33.3	64.6	35.1
	10	83.7	26.9	81.1	29.3	79.9	30.4	78.0	31.9	71.6	34.7		
	12	87.6	28.1	84.9	30.6	83.6	31.7	81.6	33.3	75.0	36.1		
	15	93.4	30.0	90.5	32.6	89.1	33.7	87.1	35.4				
YCAA-B 120	6	101.9	35.3	93.3	36.2	89.9	36.6	84.6	37.0	75.8	37.6	70.7	38.2
	7	105.5	36.0	97.0	37.0	93.4	37.3	88.2	37.7	79.2	38.2	74.2	38.8
	8	109.3	36.6	100.5	37.7	97.0	38.0	91.6	38.4	82.6	38.9	77.4	39.4
	10	116.6	37.8	107.6	39.0	103.9	39.3	98.4	39.7	89.2	40.2		
	12	123.4	38.8	114.2	40.1	110.5	41.0	104.9	41.0				
	15	134.4	40.8	124.8	42.2	121.0	43.0	115.1	43.1				
YCAA-B 150	6	116.1	43.3	106.3	44.5	102.4	44.9	96.5	45.5	86.4	46.2	80.5	46.9
	7	120.3	44.2	110.5	45.4	106.5	45.8	100.5	46.3	90.2	47.0	84.5	47.7
	8	124.6	45.0	114.6	46.3	110.5	46.7	104.4	47.2	94.1	47.8	88.2	48.4
	10	132.8	46.5	122.6	47.9	118.4	48.3	112.2	48.8	101.6	49.4		
	12	140.6	47.6	130.2	49.2	125.9	50.3	119.5	50.3				
	15	153.1	50.1	142.2	51.8	137.8	52.8	131.2	52.9				
YCAA B 170	6	133.1	41.3	126.0	45.1	123.0	46.7	118.4	49.2	108.5	54.1	102.6	57.1
	7	137.2	41.7	129.9	45.5	126.8	47.2	122.2	49.7	112.0	54.5	105.9	57.5
	8	140.1	42.5	132.9	46.6	129.5	48.0	124.7	50.6	114.4	55.6	108.0	58.6
	10	145.7	44.3	137.9	48.3	134.7	49.9	129.8	52.6	119.0	57.6	112.5	60.7
	12	151.1	46.0	143.1	50.1	139.7	51.8	134.7	54.6	123.5	59.8	116.7	62.9
	15	158.8	48.8	150.4	53.1	147.0	54.9	141.7	57.8	130.2	63.2	123.2	66.4
YCAA B 190	6	146.6	48.1	139.0	52.3	135.9	54.1	131.2	56.8	120.3	61.5	113.7	64.6
	7	151.0	48.7	143.4	52.9	140.1	54.7	135.3	57.3	124.0	62.2	117.2	65.2
	8	155.1	49.8	147.2	54.0	143.9	55.9	139.0	58.6	127.4	63.4	120.4	66.5
	10	163.3	52.0	155.1	56.4	151.6	58.2	146.4	61.0	134.2	65.9	126.9	69.1
	12	171.7	54.3	162.9	58.8	159.3	60.7	153.8	63.6	141.1	68.6		
	15	184.2	58.1	174.9	62.7	171.0	64.6	165.2	67.6	151.5	72.7		
YCAA B 210	6	162.0	49.9	153.3	54.3	149.7	56.2	144.2	59.1	132.2	64.7	125.1	68.1
	7	167.1	50.6	158.0	55.0	154.3	56.8	148.6	59.8	136.3	65.3	128.9	68.7
	8	170.2	51.7	161.1	56.1	157.4	58.1	151.6	61.1	139.1	66.7	131.5	70.1
	10	176.7	54.0	167.2	58.6	163.5	60.5	157.5	63.5	144.4	69.4	136.6	72.9
	12	183.0	56.3	173.2	61.0	169.1	63.0	163.1	66.2	149.7	72.1		
	15	191.9	60.1	181.8	64.9	177.5	67.0	171.2	70.3	157.1	76.6		

 Data not achievable when the 25 bar TÜV high pressure switch is installed

 Data out of the operating limits

LCLT: Leaving chilled liquid temperature **Cool kW:** Cooling capacity

Power kW: Unit power input, including the power input of the compressors, fans, control circuit and power input of the liquid pump to overcome unit pressure drop.