

HIGH STAGE - CAPACITY and BRAKE HORSEPOWER RATING @ 3550 RPM 60 Hz WITH FLASH TYPE ECONOMIZER (SEE ECONOMIZER OPERATION SECTION FOR SELECTIONS BASED ON DIRECT EXPANSION OR SHELL and COIL ECONOMIZERS).

RWB-II 316E

R-717		SATURATED CONDENSING TEMPERATURE, °F/CORRESPONDING PRESSURE, PSIG				
		75.0 125.8	85.0 151.7	95.0 181.1	105.0 214.2	115.0 251.5
SATURATED SUCTION TEMPERATURE, °F/CORRESPONDING PRESSURE, PSIG (* in Hg)	-40. TR 8.7* BHP	179.1 400.4	175.6 451.4	171.8 508.4	167.4 574.9	162.8 655.7
	-35. TR 5.4* BHP	206.7 419.8	203.2 472.5	199.4 530.6	195.0 595.3	190.2 670.5
	-30. TR 1.6* BHP	237.2 439.5	233.7 494.6	229.9 554.4	225.5 619.9	220.6 693.2
	-25. TR 1.3 BHP	270.6 459.3	267.3 517.2	263.5 579.5	259.1 646.8	254.2 720.7
	-20. TR 3.6 BHP	307.3 478.4	304.1 539.8	300.4 605.0	295.9 675.0	291.1 750.5
	-15. TR 6.2 BHP	347.5 496.2	344.3 561.9	340.6 630.8	336.2 703.9	331.3 782.5
	-10. TR 9.1 BHP	391.1 512.1	388.1 582.6	384.5 656.1	380.2 733.0	375.3 815.0
	-5. TR 12.2 BHP	438.6 525.6	435.6 601.3	432.2 680.1	427.9 761.8	423.2 847.7
	0. TR 15.7 BHP	490.4 536.8	487.1 617.7	483.8 702.0	479.6 789.3	474.9 880.4
	5. TR 19.6 BHP	546.6 544.5	543.0 631.2	539.6 721.5	535.5 814.9	530.8 911.9
	10. TR 23.8 BHP	606.6 547.7	603.6 641.7	599.7 738.0	595.6 837.8	591.2 941.4
	15. TR 28.5 BHP	671.1 546.1	668.5 647.7	664.8 751.5	660.3 857.6	655.8 968.1
	20. TR 33.5 BHP	740.4 540.1	737.6 648.5	734.7 761.0	729.8 874.2	725.1 991.7
	25. TR 39.0 BHP	815.3 531.8	811.3 644.1	808.7 764.9	804.4 886.9	799.1 1011.6
	30. TR 45.1 BHP	895.3 521.3	890.8 635.5	887.3 763.3	883.5 894.1	878.5 1027.7
	35. TR 51.6 BHP	980.6 508.2	975.5 625.8	970.9 756.2	966.8 895.1	962.6 1038.7
	40. TR 58.6 BHP	1066.0 612.6	1061.0 746.9	1055.1 890.0	1050.7 1042.5	

NOTE: Ratings based on Liquid Subcooling by Flash Type Economizer, 10°F Suction Superheat with Superheat not contributing to the refrigeration effect, no Liquid Subcooling from condenser or external source. No allowance for vapor line pressure drop or economizing vessel temperature split is included in the above ratings.

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RWB-II 316E

R-22		SATURATED CONDENSING TEMPERATURE, °F/CORRESPONDING PRESSURE, PSIG						
		75.0 132.2	85.0 155.7	95.0 181.8	105.0 210.8	115.0 242.7	125.0 277.9	
SATURATED SUCTION TEMPERATURE, °F/CORRESPONDING PRESSURE, PSIG (* in Hg)	-40.0 0.5	TR BHP	227.0 486.3	221.3 537.3	215.4 592.8	209.1 654.9	202.4 722.2	195.5 805.2
	-35.0 2.6	TR BHP	255.1 505.7	249.0 559.4	242.6 616.7	235.8 679.1	228.7 745.2	221.3 824.6
	-30.0 4.9	TR BHP	285.7 523.6	278.9 581.2	272.0 641.3	264.7 704.5	257.1 771.0	249.1 849.1
	-25.0 7.4	TR BHP	318.7 538.0	311.4 601.4	303.9 665.6	296.0 730.7	287.8 801.6	279.2 877.0
	-20.0 10.2	TR BHP	354.0 549.6	346.4 619.5	338.2 688.4	329.8 757.2	320.9 830.1	311.6 907.2
	-15.0 13.2	TR BHP	392.1 557.7	383.9 633.5	375.3 710.0	366.0 782.2	356.5 858.9	346.4 938.0
	-10.0 16.5	TR BHP	433.0 562.9	424.0 643.5	414.8 726.6	405.0 806.7	394.6 886.8	383.8 973.1
	-5.0 20.1	TR BHP	476.7 565.2	467.0 650.7	457.0 739.1	446.6 826.8	435.5 914.0	423.7 1003.8
	0.0 24.0	TR BHP	523.2 564.9	512.8 654.0	502.0 748.1	490.9 842.7	479.0 938.3	466.3 1034.9
	5.0 28.2	TR BHP	572.6 562.3	561.5 654.8	549.8 752.0	537.8 852.4	525.3 958.6	511.6 1063.4
	10.0 32.8	TR BHP	625.3 558.4	612.9 652.4	600.5 753.7	587.6 859.2	574.0 970.1	559.6 1086.3
	15.0 37.7	TR BHP	680.5 551.6	667.5 649.1	653.9 752.3	640.1 862.2	625.5 979.5	610.1 1102.5
	20.0 43.0	TR BHP	739.0 541.6	725.1 642.7	710.1 748.5	695.3 862.3	679.6 983.9	663.1 1114.5
	25.0 48.8	TR BHP	800.4 526.9	785.0 633.3	769.5 743.3	753.1 858.9	736.5 985.3	718.7 1119.2
	30.0 54.9	TR BHP	864.0 506.7	848.4 620.3	831.4 734.6	813.9 855.0	795.7 983.0	776.9 1121.4
	35.0 61.5	TR BHP	931.6 482.7	914.1 601.6	896.2 722.6	877.6 847.3	857.8 978.5	837.7 1119.8
	40.0 68.5	TR BHP		983.1 577.5	964.1 705.9	944.1 835.9	923.0 972.1	901.1 1113.7

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