

**CAPACITY DATA - R404A R507**  
**MEDIUM TEMPERATURE**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °F °C		CAPACITY MBH (KW) R404A R507 AMBIENT TEMPERATURE °F (°C)									
			85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)				
BVS015M8-A Compressor Model 3DS3R17ME	30 (-1.1)		172.1 (50.4)	164.9 (48.3)	157.7 (46.2)	150.6 (44.1)	143.6 (42.1)	136.7 (40.1)				
	25 (-3.9)		157.4 (46.1)	150.8 (44.2)	144.3 (42.3)	137.9 (40.4)	131.6 (38.6)	125.4 (36.8)				
	20 (-6.7)		143.4 (42)	137.5 (40.3)	131.7 (38.6)	125.9 (36.9)	120.2 (35.2)	114.6 (33.6)				
	15 (-9.4)		130.3 (38.2)	125.0 (36.6)	119.7 (35.1)	114.6 (33.6)	109.5 (32.1)	104.4 (30.6)				
	10 (-12.2)		117.9 (34.6)	113.2 (33.2)	108.5 (31.8)	103.9 (30.4)	99.3 (29.1)	94.8 (27.8)				
	5 (-15)		106.3 (31.2)	102.1 (29.9)	98.0 (28.7)	93.8 (27.5)	89.8 (26.3)	85.8 (25.1)				
0 (-17.8)		95.6 (28)	91.8 (26.9)	88.1 (25.8)	84.4 (24.7)	80.8 (23.7)	77.2 (22.6)					
BVS020M8-A Compressor Model 4DANR18ME	30 (-1.1)		191.1 (56)	182.0 (53.3)	172.8 (50.6)	163.7 (48)	154.7 (45.3)	145.9 (42.8)				
	25 (-3.9)		174.6 (51.2)	166.1 (48.7)	157.7 (46.2)	149.2 (43.7)	140.8 (41.3)	132.7 (38.9)				
	20 (-6.7)		158.7 (46.5)	151.0 (44.3)	143.1 (41.9)	135.3 (39.7)	127.6 (37.4)	120.0 (35.2)				
	15 (-9.4)		143.6 (42.1)	136.5 (40)	129.3 (37.9)	122.0 (35.8)	114.9 (33.7)	108.0 (31.7)				
	10 (-12.2)		129.3 (37.9)	122.8 (36)	116.1 (34)	109.5 (32.1)	103.0 (30.2)	96.6 (28.3)				
	5 (-15)		115.8 (33.9)	109.9 (32.2)	103.8 (30.4)	97.8 (28.7)	91.8 (26.9)	86.0 (25.2)				
0 (-17.8)		103.3 (30.3)	97.9 (28.7)	92.4 (27.1)	86.8 (25.4)	81.4 (23.9)	76.2 (22.3)					
BVS022M8-A Compressor Model 4DBNR20ME	30 (-1.1)		216.7 (63.5)	207.2 (60.7)	198.0 (58)	189.0 (55.4)	180.1 (52.8)	171.5 (50.3)				
	25 (-3.9)		198.8 (58.3)	190.0 (55.7)	181.5 (53.2)	173.2 (50.8)	165.0 (48.4)	157.1 (46)				
	20 (-6.7)		181.3 (53.1)	173.3 (50.8)	165.4 (48.5)	157.8 (46.2)	150.3 (44)	143.0 (41.9)				
	15 (-9.4)		164.4 (48.2)	157.1 (46)	149.9 (43.9)	143.0 (41.9)	136.1 (39.9)	129.4 (37.9)				
	10 (-12.2)		148.3 (43.5)	141.7 (41.5)	135.2 (39.6)	128.9 (37.8)	122.7 (36)	116.6 (34.2)				
	5 (-15)		133.3 (39.1)	127.3 (37.3)	121.5 (35.6)	115.7 (33.9)	110.1 (32.3)	104.6 (30.7)				
0 (-17.8)		119.4 (35)	114.1 (33.4)	108.9 (31.9)	103.8 (30.4)	98.7 (28.9)	93.8 (27.5)					
BVS025M8-A Compressor Model 4DHNR22ME	30 (-1.1)		229.6 (67.3)	219.7 (64.4)	210.0 (61.5)	200.6 (58.8)	191.3 (56.1)	182.3 (53.4)				
	25 (-3.9)		210.9 (61.8)	201.7 (59.1)	192.8 (56.5)	184.0 (53.9)	175.5 (51.4)	167.1 (49)				
	20 (-6.7)		192.5 (56.4)	184.1 (54)	175.9 (51.6)	167.9 (49.2)	160.0 (46.9)	152.3 (44.6)				
	15 (-9.4)		174.8 (51.2)	167.1 (49)	159.6 (46.8)	152.3 (44.6)	145.1 (42.5)	138.0 (40.4)				
	10 (-12.2)		157.8 (46.2)	150.8 (44.2)	144.1 (42.2)	137.4 (40.3)	130.9 (38.4)	124.4 (36.5)				
	5 (-15)		141.8 (41.6)	135.6 (39.7)	129.5 (38)	123.6 (36.2)	117.7 (34.5)	111.9 (32.8)				
0 (-17.8)		127.1 (37.2)	121.6 (35.6)	116.2 (34.1)	110.9 (32.5)	105.7 (31)	100.5 (29.5)					
BVS030M8-A Compressor Model 4DJNR28ME	30 (-1.1)		274.4 (80.4)	262.4 (76.9)	250.6 (73.4)	238.8 (70)	227.1 (66.6)	215.3 (63.1)				
	25 (-3.9)		251.3 (73.6)	240.3 (70.4)	229.5 (67.3)	218.7 (64.1)	208.0 (61)	197.3 (57.8)				
	20 (-6.7)		229.2 (67.2)	219.2 (64.2)	209.3 (61.3)	199.5 (58.5)	189.8 (55.6)	180.1 (52.8)				
	15 (-9.4)		208.1 (61)	199.0 (58.3)	190.1 (55.7)	181.3 (53.1)	172.5 (50.6)	163.7 (48)				
	10 (-12.2)		188.0 (55.1)	179.9 (52.7)	171.8 (50.3)	163.9 (48)	156.0 (45.7)	148.2 (43.4)				
	5 (-15)		169.1 (49.6)	161.8 (47.4)	154.6 (45.3)	147.6 (43.3)	140.6 (41.2)	133.6 (39.2)				
0 (-17.8)		151.3 (44.3)	144.8 (42.4)	138.4 (40.6)	132.2 (38.7)	126.1 (37)	119.9 (35.1)					
BVS035M8-A Compressor Model 6DHNR35ME	30 (-1.1)		348.6 (102.2)	333.8 (97.8)	319.0 (93.5)	304.1 (89.1)	289.2 (84.8)	274.3 (80.4)				
	25 (-3.9)		318.6 (93.4)	305.1 (89.4)	291.6 (85.5)	278.2 (81.5)	264.6 (77.5)	251.1 (73.6)				
	20 (-6.7)		290.2 (85)	278.0 (81.5)	265.8 (77.9)	253.6 (74.3)	241.3 (70.7)	229.0 (67.1)				
	15 (-9.4)		263.5 (77.2)	252.5 (74)	241.4 (70.7)	230.3 (67.5)	219.3 (64.3)	208.2 (61)				
	10 (-12.2)		238.5 (69.9)	228.5 (67)	218.5 (64)	208.5 (61.1)	198.5 (58.2)	188.4 (55.2)				
	5 (-15)		215.2 (63.1)	206.1 (60.4)	197.0 (57.7)	187.9 (55.1)	178.8 (52.4)	169.8 (49.8)				
0 (-17.8)		193.6 (56.7)	185.2 (54.3)	176.9 (51.8)	168.6 (49.4)	160.4 (47)	152.2 (44.6)					
BVS040M8-A Compressor Model 6DJNR40ME	30 (-1.1)		404.7 (118.6)	388.1 (113.7)	371.6 (108.9)	355.1 (104.1)	338.4 (99.2)	321.5 (94.2)				
	25 (-3.9)		371.6 (108.9)	356.4 (104.5)	341.2 (100)	326.1 (95.6)	310.8 (91.1)	295.3 (86.5)				
	20 (-6.7)		339.9 (99.6)	326.0 (95.5)	312.1 (91.5)	298.3 (87.4)	284.4 (83.3)	270.3 (79.2)				
	15 (-9.4)		309.7 (90.8)	296.9 (87)	284.3 (83.3)	271.7 (79.6)	259.1 (75.9)	246.4 (72.2)				
	10 (-12.2)		281.1 (82.4)	269.4 (79)	257.9 (75.6)	246.5 (72.2)	235.1 (68.9)	223.6 (65.5)				
	5 (-15)		254.1 (74.5)	243.5 (71.4)	233.0 (68.3)	222.7 (65.3)	212.5 (62.3)	202.1 (59.2)				
0 (-17.8)		228.9 (67.1)	219.2 (64.2)	209.7 (61.5)	200.5 (58.8)	191.3 (56.1)	182.0 (53.3)					
BVS050M8-A Compressor Model 6DUNR49ME	30 (-1.1)		471.5 (138.2)	452.6 (132.6)	433.5 (127)	414.3 (121.4)	395.0 (115.8)	375.7 (110.1)				
	25 (-3.9)		434.2 (127.3)	416.7 (122.1)	399.1 (117)	381.4 (111.8)	363.5 (106.5)	345.6 (101.3)				
	20 (-6.7)		397.7 (116.6)	381.6 (111.8)	365.4 (107.1)	349.0 (102.3)	332.5 (97.4)	316.0 (92.6)				
	15 (-9.4)		362.4 (106.2)	347.6 (101.9)	332.7 (97.5)	317.7 (93.1)	302.5 (88.7)	287.3 (84.2)				
	10 (-12.2)		328.8 (96.4)	315.3 (92.4)	301.7 (88.4)	287.9 (84.4)	274.0 (80.3)	260.1 (76.2)				
	5 (-15)		297.5 (87.2)	285.2 (83.6)	272.8 (79.9)	260.2 (76.3)	247.5 (72.5)	234.8 (68.8)				
0 (-17.8)		269.1 (78.9)	257.9 (75.6)	246.5 (72.2)	235.0 (68.9)	223.5 (65.5)	212.0 (62.1)					