

# RPM/BHP CHART



## APPLIES TO MODEL SERIES XE

RPM/BHP Table - Values in this table are based on basic packaged unit which includes only a heat exchanger. Standard XE Models include directional air baffles in the heat exchanger, HXE Models do not.

MODEL SIZE	Rise Deg. F	CFM	Total Adjusted Pressure Drop ("W.C.) - from Air Flow Pressure Drop Table									
			0.2	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2
XE 75	90	615	500/.08	700/.19	810/.22	980/.30	1020/.34	1110/.39	1210/.45	1290/.50	1380/.58	1420/.62
	79	700	510/.10	710/.20	820/.23	990/.34	1020/.37	1120/.42	1220/.48	1300/.52	1400/.61	1440/.65
	75	740	515/.11	715/.22	830/.24	1000/.35	1025/.38	1130/.43	1230/.50	1310/.53	1410/.64	1450/.67
HXE 75	75	740	500/.10	675/.19	795/.23	960/.33	1010/.36	1100/.40	1200/.48	1280/.52	1390/.60	1430/.65
	69	800	505/.13	680/.20	800/.25	940/.34	1010/.38	1100/.43	1195/.49	1290/.54	1400/.64	1440/.73
	56	1,000	510/.17	685/.22	790/.27	955/.38	1015/.42	1090/.46	1175/.53	1280/.61	1395/.73	1435/.77
	37	1,500	600/.25	730/.32	830/.38	980/.48	1020/.52	1095/.61	1185/.71	1270/.77	1375/.86	1400/.91
	28	2,000	770/.47	850/.50	930/.60	1020/.70	1080/.75	1140/.85	1210/.90	1290/1.0	1380/1.2	1420/1.25
	22	2,500	900/.75	980/.83	1040/.90	1120/1.0	1170/1.1	1230/1.2	1290/1.3	1360/1.45	1440/1.6	1470/1.7
XE 100	90	820	500/.08	695/.20	810/.27	980/.35	1020/.37	1130/.44	1220/.51	1317/.58	1415/.70	1460/.74
	82	900	510/.10	700/.22	820/.29	990/.37	1030/.40	1140/.45	1215/.55	1315/.60	1415/.73	1460/.75
	75	985	580/.19	710/.23	840/.33	1000/.41	1035/.43	1150/.48	1210/.57	1310/.62	1420/.75	1470/.78
HXE 100	75	985	510/.17	685/.22	780/.27	955/.38	1005/.42	1090/.46	1175/.53	1270/.61	1395/.73	1435/.77
	62	1,200	550/.19	690/.25	790/.31	960/.41	1010/.44	1090/.51	1180/.58	1280/.70	1380/.77	1420/.80
	49	1,500	600/.25	730/.32	830/.38	980/.48	1020/.52	1095/.61	1185/.71	1280/.77	1375/.86	1400/.91
	37	2,000	770/.47	850/.50	930/.60	1020/.70	1080/.75	1140/.85	1210/.90	1290/1.0	1390/1.2	1420/1.25
	30	2,500	900/.75	980/.83	1040/.90	1120/1.0	1170/1.1	1230/1.2	1290/1.3	1360/1.45	1440/1.6	1470/1.7
	25	3,000	1040/1.2	1090/1.25	1150/1.4	1240/1.6	1280/1.65	1320/1.7	1380/1.8	1440/2.0	1510/2.1	1540/2.2
	22	3,400	1170/1.7	1210/1.8	1260/1.9	1330/2.1	1360/2.2	1410/2.4	1480/2.6	1530/2.7	1580/2.9	—
XE 125	90	1,025	500/.11	700/.22	800/.29	940/.38	1000/.42	1060/.46	1200/.55	1300/.62	1400/.73	1440/.77
	84	1,100	540/.18	705.23	810/.30	950/.40	1010/.44	1070/.48	1190/.58	1290/.68	1390/.75	1430/.80
	75	1,250	560/.20	710/.30	820/.33	960/.43	1020/.45	1080/.50	1195/.60	1280/.70	1380/.77	1420/.82
HXE 125	75	1,250	520/.20	680/.25	770/.30	940/.45	990/.47	1060/.48	1180/.53	1250/.65	1360/.75	1410/.80
	62	1,500	600/.25	720/.32	810/.38	960/.47	1000/.52	1080/.60	1190/.70	1260/.77	1370/.84	1400/.90
	46	2,000	710/.40	810/.5	900/.56	1040/.72	1070/.75	1140/.80	1210/.90	1290/1.0	1380/1.2	1420/1.3
	37	2,500	850/.70	940/.80	1020/.90	1110/1.0	1150/1.1	1200/1.2	1270/1.3	1320/1.4	1410/1.5	1460/1.6
	31	3,000	1000/1.1	1080/1.2	1110/1.3	1200/1.4	1240/1.5	1270/1.6	1350/1.8	1400/1.9	1480/2.1	1500/2.2
	26	3,500	1150/1.8	1200/1.9	1260/2.0	1320/2.2	1360/2.4	1400/2.5	1460/2.7	1520/2.9	1580/3.0	—
	24	3,800	1250/2.4	1300/2.6	1320/2.7	1400/2.9	1430/3.0	—	—	—	—	—
XE 150	90	1,250	505/.15	610/.25	740/.34	880/.42	900/.48	940/.50	1080/.65	1130/.70	1200/.80	1240/.85
	85	1,300	508/.18	650/.30	748/.37	885/.47	905/.51	995/.60	1090/.70	1140/.75	1225/.87	1248/.90
	75	1,480	520/.21	680/.33	770/.40	900/.50	910/.53	1000/.65	1100/.75	1150/.79	1240/.89	1250/1.0
HXE 150	75	1,480	505/.22	652/.31	740/.39	860/.49	905/.54	980/.62	1080/.73	1135/.78	1205/.88	1245/.95
	56	2,000	600/.40	700/.46	800/.55	900/.65	940/.70	1000/.80	1100/.90	1150/1.1	1240/1.25	1290/1.3
	44	2,500	700/.60	800/.70	880/.80	950/.90	1000/1.0	1060/1.1	1110/1.2	1190/1.4	1260/1.6	1300/1.7
	37	3,000	820/.90	900/1.0	950/1.1	1010/1.3	1080/1.4	1110/1.5	1190/1.7	1230/1.9	1300/2.1	1340/2.3
	32	3,500	940/1.4	1000/1.5	1050/1.6	1110/1.8	1150/2.0	1200/2.2	1260/2.5	1300/2.6	1350/2.8	1390/2.9
	28	4,000	1050/2.0	1100/2.2	1160/2.4	1210/2.6	1260/2.8	1300/3.0	1340/3.1	1380/3.4	1420/3.6	1460/3.8
	25	4,500	1190/3.0	1230/3.2	1290/3.5	1330/3.7	1360/4.0	1400/4.2	1430/4.3	1480/4.5	1520/4.6	1550/4.8
XE 175	90	1,450	510/.20	670/.31	750/.38	900/.50	930/.52	1000/.62	1092/.72	1150/.77	1230/.88	1250/.92
	81	1,600	560/.28	680/.33	760/.40	915/.52	940/.58	1010/.64	1110/.75	1150/.80	1240/.90	1260/1.1
	75	1,725	570/.31	690/.36	790/.44	900/.54	955/.62	1010/.72	1110/.80	1170/.90	1250/1.1	1270/1.2
HXE 175	75	1,725	520/.28	650/.34	750/.40	870/.51	920/.60	990/.70	1060/.76	1150/.87	1230/1.0	1260/1.10
	65	2,000	600/.40	700/.46	800/.55	900/.65	940/.70	1000/.80	1100/.90	1160/1.1	1240/1.25	1290/1.3
	52	2,500	700/.60	800/.70	880/.80	950/.90	1000/1.0	1060/1.1	1110/1.2	1190/1.4	1260/1.6	1300/1.7
	43	3,000	820/.90	900/1.0	950/1.1	1010/1.3	1080/1.4	1110/1.5	1190/1.7	1230/1.9	1300/2.1	1340/2.3
	37	3,500	940/1.4	1000/1.5	1050/1.6	1110/1.8	1150/2.0	1200/2.1	1260/2.5	1300/2.6	1360/2.8	1390/2.9
	32	4,000	1050/2.0	1100/2.2	1160/2.4	1210/2.6	1260/2.8	1300/3.0	1340/4.1	1380/3.4	1430/3.7	1470/3.9
	29	4,500	1190/3.0	1230/3.2	1290/3.5	1330/3.7	1360/4.0	140/4.2	1430/4.3	1480/4.5	1520/4.6	1550/4.8

PACKAGED HORIZONTAL SYSTEMS



# RPM/BHP CHART (cont'd)

## APPLIES TO MODEL SERIES XE

RPM/BHP Table - Values in this table are based on basic packaged unit which includes only a heat exchanger. Standard XE Models include directional air baffles in the heat exchanger, HXE Models do not.

MODEL SIZE	Rise Deg. F	CFM	Total Adjusted Pressure Drop ("W.C.) - from Air Flow Pressure Drop Table									
			0.2	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2
XE 200	90	1,650	530/.29	670/.35	760/.42	870/.52	930/.59	990/.68	1090/.76	1150/.88	1240/1.0	1260/1.2
	82	1,800	590/.33	700/.41	790/.47	890/.60	940/.65	1000/.74	1100/.82	1160/.95	1250/1.1	1270/1.25
	75	1,975	610/.40	710/.47	800/.56	900/.67	950/.73	1010/.81	1110/.95	1180/1.15	1270/1.25	1300/1.4
HXE 200	75	1,975	600/.39	705/.45	790/.55	895/.66	940/.72	1000/.80	1092/.90	1150/1.1	1240/1.2	1280/1.3
	59	2,500	710/.60	800/.70	860/.80	960/.90	1000/1.0	1050/1.1	1110/1.25	1180/1.4	1260/1.6	1310/1.7
	49	3,000	810/.90	900/1.0	950/1.1	1020/1.3	1080/1.4	1110/1.5	1190/1.7	1220/1.8	1300/2.1	1340/2.2
	42	3,500	950/1.4	1000/1.50	1050/1.6	1120/1.9	1150/2.0	1200/2.1	1260/2.4	1310/2.6	1350/2.8	1380/2.9
	37	4,000	1050/2.0	1100/2.1	1150/2.4	1210/2.6	1250/2.8	1300/3.0	1340/3.2	1280/3.5	1420/3.7	1460/3.9
XE 225	90	1,850	600/.34	700/.42	800/.48	900/.62	940/.68	1000/.75	1100/.85	1170/1.0	1260/1.1	1280/1.3
	83	2,000	610/.36	710/.47	810/.60	910/.67	950/.72	1010/.80	1110/.95	1180/1.1	1270/1.2	1300/1.4
	75	2,220	650/.47	770/.55	840/.68	930/.76	970/.80	1040/.90	1120/1.1	1190/1.25	1280/1.45	1310/1.5
HXE 225	75	2,220	630/.45	710/.51	810/.62	900/.73	950/.78	1000/.87	1090/1.0	1170/1.2	1250/1.4	1290/1.45
	67	2,500	710/.60	800/.70	860/.80	960/.90	1000/1.0	1050/1.1	1110/1.25	1180/1.4	1260/1.6	1310/1.7
	56	3,000	810/.90	900/1.0	950/1.1	1020/1.3	1080/1.4	1110/1.5	1190/1.7	1220/1.8	1300/2.1	1340/2.2
	48	3,500	930/1.4	1000/1.5	1050/1.6	1120/1.9	1150/2.0	1200/2.1	1260/2.4	1310/2.6	1350/2.8	1390/2.9
	42	4,000	1050/2.0	1090/2.2	1150/2.3	1210/2.6	1250/2.8	1290/2.9	1340/3.2	1380/3.5	1430/3.7	1460/3.9
XE 250	90	2,050	645/.44	750/.53	880/.77	1010/.87	1080/.90	1140/1.08	1260/1.2	1350/1.43	1445/1.55	1500/1.7
	84	2,200	650/.46	760/.55	892/.78	1015/.90	1085/.95	1160/1.10	1270/1.25	1355/1.46	1450/1.6	1505/1.75
	75	2,450	690/.50	800/.75	900/.85	1050/1.0	1100/1.1	1170/1.20	1290/1.40	1370/1.53	1470/1.75	1510/1.80
HXE 250	75	2,450	680/.49	790/.73	900/.82	1015/.93	1070/1.05	1155/1.20	1262/1.4	1342/1.53	1440/1.75	1492/1.8
	62	3,000	790/.78	850/.86	950/.94	1060/1.15	1120/1.3	1185/1.4	1290/1.6	1350/1.8	1450/1.9	1510/2.1
	53	3,500	850/.90	930/1.0	1020/1.2	1100/1.4	1170/1.5	1210/1.60	1310/1.8	1400/2.1	1490/2.4	1520/2.5
	46	4,000	940/1.25	1040/1.4	1100/1.6	1200/1.8	1230/1.9	1300/2.0	1380/2.3	1420/2.5	1520/2.8	1570/2.9
	41	4,500	1050/1.6	1100/1.8	1180/1.9	1250/2.1	1300/2.4	1350/2.6	1430/2.8	1500/3.1	1580/3.5	—
	37	5,000	1110/2.0	1200/2.3	1260/2.5	1340/2.9	1390/3.0	1440/3.2	1500/3.5	1550/3.8	—	—
XE 300	90	2,450	690/.45	800/.70	900/.80	1050/1.0	1100/1.1	1170/1.2	1290/1.40	1370/1.53	1470/1.75	1510/1.8
	82	2,700	720/.60	830/.80	920/.90	1080/1.1	1110/1.2	1180/1.3	1300/1.5	1380/1.7	1480/1.9	1520/2.0
	75	2,950	800/.80	890/.90	980/1.0	1100/1.25	1130/1.4	1210/1.5	1310/1.7	1390/1.9	1490/2.1	1530/2.2
HXE 300	75	2,950	790/.78	850/.86	950/.94	1060/1.15	1120/1.3	1185/1.4	1290/1.6	1350/1.8	1450/1.9	1510/2.1
	63	3,500	850/.90	930/1.0	1020/1.2	1100/1.40	1170/1.5	1210/1.6	1310/1.8	1400/2.1	1490/2.4	1520/2.5
	56	4,000	940/1.25	1040/1.4	1100/1.6	1200/1.8	1230/1.9	1300/2.0	1380/2.3	1420/2.5	1520/2.8	1570/2.9
	49	4,500	1050/1.6	1100/1.8	1180/1.9	1250/2.1	1300/2.4	1350/2.6	1430/2.8	1500/3.0	1580/3.4	—
	44	5,000	1110/2.0	1200/2.3	1260/2.5	1340/2.9	1390/3.0	1430/3.2	1500/3.6	1560/3.8	—	—
XE 350	90	2,880	640/.72	770/.87	850/.95	960/1.2	990/1.25	1070/1.40	1150/1.60	1200/1.75	1260/2.0	1300/2.1
	86	3,000	660/.75	790/.90	870/1.0	970/1.2	1000/1.3	1090/1.45	1160/1.70	1210/1.9	1290/2.1	1310/2.2
	75	3,450	700/.87	800/.95	900/1.2	1000/1.4	1050/1.52	1110/1.6	1200/2.0	1250/2.2	1310/2.5	1350/2.6
HXE 350	75	3,450	660/.85	780/.90	865/1.1	970/1.35	1000/1.45	1055/1.5	1160/1.90	1230/2.1	1300/2.4	1340/2.5
	65	4,000	750/1.0	850/1.25	920/1.4	1000/1.6	1050/1.75	1110/2.0	1200/2.3	1260/2.6	1330/2.9	1380/3.1
	58	4,500	800/1.3	900/1.5	980/1.7	1060/2.0	1100/2.2	1160/2.4	1220/2.7	1300/3.0	1370/3.5	1410/3.7
	52	5,000	890/1.6	960/1.8	1040/2.1	1100/2.4	1160/2.8	1190/2.9	1280/3.4	1340/3.7	1400/4.0	1450/4.2
	47	5,500	950/2.0	1030/2.3	1100/2.6	1170/3.0	1200/3.2	1250/3.6	1330/4.0	1380/4.4	1450/4.9	—
XE 400	90	3,330	640/.76	750/.88	830/1.0	950/1.25	990/1.30	1050/1.46	1150/1.75	1210/2.0	1270/2.25	1310/2.40
	85	3,500	645/.80	760/.92	850/1.1	960/1.30	1000/1.45	1060/1.60	1170/1.80	1220/2.1	1280/2.30	1320/2.60
	75	3,950	720/1.0	810/1.2	900/1.3	1000/1.55	1030/1.75	1100/1.90	1190/2.20	1240/2.6	1330/2.9	1360/3.0
HXE 400	75	3,950	700/.90	790/1.07	880/1.25	970/1.50	1010/1.65	1070/1.85	1170/2.1	1230/2.5	1300/2.7	1340/2.9
	66	4,500	770/1.2	850/1.4	920/1.6	1010/1.8	1050/2.1	1100/2.2	1200/2.6	1250/2.8	1320/3.1	1350/3.5
	59	5,000	840/1.5	900/1.7	980/1.9	1060/2.2	1100/2.5	1160/2.7	1220/3.0	1290/3.3	1350/3.8	1380/4.0
	54	5,500	910/1.9	990/2.2	1050/2.5	1100/2.75	1150/3.0	1200/3.3	1280/3.8	1330/4.1	1380/4.5	1410/4.7
	49	6,000	950/2.3	1010/2.6	1100/2.9	1170/3.4	1200/3.6	1240/3.8	1300/4.1	1360/4.6	1400/5.0	—
	46	6,500	1040/2.9	1100/3.2	1150/3.7	1200/4.4	1300/4.5	1350/5.0	—	—	—	—