







## Capacity Correction Factors

### CAPACITY FOR FLOWS BASED ON 180°F, 82°C INLET

MODEL	FLOW CAPACITY SCFM <sup>1</sup> @ 175		RECOMMENDED AIR COMPRESSOR		FLOW CAPACITY SCFM <sup>1</sup> @ 150		RECOMMENDED AIR COMPRESSOR		FLOW CAPACITY SCFM <sup>1</sup> @ 125		RECOMMENDED AIR COMPRESSOR		FLOW CAPACITY SCFM <sup>1</sup> @ 100		RECOMMENDED AIR COMPRESSOR	
	PSIG (12 KG/CM <sup>2</sup> )		HP		PSIG (11 KG/CM <sup>2</sup> )		HP		PSIG (9 KG/CM <sup>2</sup> )		HP		PSIG (7 KG/CM <sup>2</sup> )		HP	
	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz
<b>HTDN20</b>	23	20	5	5	22	18	5	5	20	17	5	5	18	15	5	5
<b>HTDN25</b>	29	24	7.5	7.5	27	23	7.5	7.5	25	21	7.5	5	23	19	5	5
<b>HTDN35</b>	41	31	10	7.5	38	29	10	7.5	35	27	10	7.5	32	24	7.5	7.5
<b>HTDN50</b>	58	58	15	15	54	54	15	15	50	50	15	10	45	45	10	10
<b>HTDN75</b>	87	71	20	20	81	66	20	15	75	61	20	15	68	5	15	15
<b>HTDN125</b>	145	121	30	30	135	112	30	30	125	104	30	25	114	95	25	20

For typical applications where there is NO aftercooler installed upstream

1 Capacity @ 180°F (82°C) inlet temperature, 160°F (71°C) inlet pressure dew point, 95°F (35°C) ambient temperature, 50°F (10°C) outlet pressure dew point, and less than 5 psig (0.35 kg/cm<sup>2</sup>) pressure drop.

### CAPACITY FOR FLOWS BASED ON 100°F, 38°C INLET

MODEL	FLOW CAPACITY SCFM <sup>1</sup> @ 175		RECOMMENDED AIR COMPRESSOR		FLOW CAPACITY SCFM <sup>1</sup> @ 150		RECOMMENDED AIR COMPRESSOR		FLOW CAPACITY SCFM <sup>1</sup> @ 125		RECOMMENDED AIR COMPRESSOR		FLOW CAPACITY SCFM <sup>1</sup> @ 100		RECOMMENDED AIR COMPRESSOR	
	PSIG (12 KG/CM <sup>2</sup> )		HP		PSIG (11 KG/CM <sup>2</sup> )		HP		PSIG (9 KG/CM <sup>2</sup> )		HP		PSIG (7 KG/CM <sup>2</sup> )		HP	
	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz
<b>HTDN20</b>	32	27	10	7.5	30	25	7.5	7.5	28	23	7.5	7.5	25	21	7.5	5
<b>HTDN25</b>	40	33	10	10	37	31	10	7.5	34	29	10	7.5	31	26	7.5	7.5
<b>HTDN35</b>	55	43	15	10	51	40	15	10	47	37	10	10	43	33	10	10
<b>HTDN50</b>	78	78	20	20	73	73	20	20	67	67	15	15	61	61	15	15
<b>HTDN75</b>	118	96	25	25	110	90	25	25	102	83	25	20	92	75	20	20
<b>HTDN125</b>	197	164	40	40	183	152	40	30	170	142	40	30	155	129	30	25

For typical applications where an aftercooler is installed upstream

1 Capacity @ 100°F (38°C) inlet temperature, 100°F (38°C) inlet pressure dew point, 100°F (38°C) ambient temperature, 50°F (10°C) outlet pressure dew point, and less than 10 psig (0.7 kg/cm<sup>2</sup>) pressure drop.

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