

VARIABLE SPEED

- **Average 40% Energy Savings:** Achieves significant energy savings during fluctuations in air demand, as the inverter adjusts motor output to precisely match required air volume.
- **IE3 Permanent Magnet Motor:** Delivers high efficiency with a service life of over 15 years.
- **Bearing-Free Motor Design:** Reduces maintenance costs by eliminating bearing overhaul requirements.
- **Integrated Air-End and Motor Design:** Directly connects the rotor shaft to the motor for 100% energy transmission efficiency.
- **Color Touchscreen Display:** Features reminder and record functions for clear, real-time monitoring of compressor status.
- **High Demagnetization Temperature:** Permanent magnet motor is rated up to 300°F, enhancing reliability.
- **VSD Soft Start:** Reduces start-up current to protect the factory power network.



MODEL	PRESSURE	CAPACITY	MOTOR	CONNECTION	DIMENSIONS (in.)			WEIGHT
	PSI	CFM	HP/KW		WIDTH	LENGTH	HEIGHT	Lbs
HV10	116	38	10	1/2"	36	27	35	375
	145	31						
HV15	116	63	15	1/2"	36	27	35	375
	145	53						
HV20	116	77	20	3/4"	43	30	40	510
	145	70						
HV30	116	127	30	1"	42.5	34	43	679
	145	113						
HV50	116	222	50	1.5"	47	40	55	1113
	145	197						
HV60	116	257	60	1.5"	47	40	60	1117
	145	233						
HV75	116	325	75	2"	71	50	66	2249
	145	289						
HV100	116	445	100	2"	71	50	66	2248
	145	388						
	181	335						
HV125	116	530	125	2"	75	50	72	2843
	145	487						
HV150	116	699	150	2.5"	91	58	73	4343
	145	593						
HV175	116	819	125/90	2.5"	91	58	73	4431/4343
	145	723						