

## Compressors

# Standard Screw Compressor Packages

Used in a wide range of industrial refrigeration applications, our compressor packages are built to ensure maximum reliability and efficiency, operational safety, trouble-free operation, and easy maintenance.

### Customer Benefits:

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- Adjustable capacity with optional variable-speed drive ensures maximum part load efficiencies
- Large range of sizes to fit any application
- Small footprint maximizes engine room space
- Low oil carry-over with three-stage ASME oil separator

### Design Features:

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- Liquid injection oil cooling
- Suction strainer
- Suction and discharge check valves
- 15-micron oil filter
- OSHA approved flexible coupling guard
- Stepless capacity control
- Suction and discharge stop valves, ship loose



Optional Screw Controller Panel with touchscreen display



### Available Screw Compressor Package Options:

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- Dual compressor packages and larger custom factory-assembled packages available
- Alternative compressor motor enclosures
- Numerous compressor motor starter configurations
- Thermosyphon and water-water cooled oil cooling options
- Single-stage compressor package with factory-installed DX economizer or flash economizer port valve station
- Booster packages
- Dual oil filters

### Screw Controller:

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- Built on latest V4 hardware to ensure sustainability for years to come
- Updates available using industrial grade USB drive
- Optional 15" LCD touchscreen display with LED Backlight
- Easy to use HMI and menu structure, with trend logs and graphical display of compressor status
- Retrofits with most screw compressor controls to increase energy efficiency, reliability, maintainability and functionality.
- Industry standard communications for integration with the outside world (Modbus RTU or TCP)

The natural solution.

## Technical Data



M&M Model No.	Swept Vol. (CFM) at 3550 RPM	Booster Ratings R717 -40°F/+20°F		High Stage Ratings R717 +20°F/+95°F		Economized Ratings R717 -40°F/+95°F		Approximate Dimensions LxWxH	Approximate Weight Without Motor (Lbs)	Suction Connection	Discharge Connection
		TR	BHP	TR	BHP	TR	BHP				
H24	207	18	22	67	76	17	60	102" x 48" x 65"	2000	2"	2"
H28	280	25	31	93	104	24	82	102" x 48" x 65"	2000	3"	2"
H33	345	31	38	116	130	30	102	120" x 44" x 70"	3000	3"	2 ½"
H38	390	36	44	136	145	35	105	120" x 48" x 82"	3850	5"	2 ½"
H42	420	38	45	143	156	38	121	120" x 48" x 77"	3650	5"	2 ½"
H48	480	44	56	169	176	44	128	127" x 50" x 84"	3900	5"	3"
H51	500	45	53	172	187	46	145	127" x 51" x 75"	3700	6"	3"
H57	573	53	64	201	225	56	172	140" x 55" x 87"	4550	6"	3"
H58	575	55	69	207	230	53	160	140" x 55" x 98"	5000	6"	3"
H73	756	74	82	278	287	78	219	140" x 55" x 90"	4700	6"	4"
H74	775	74	93	281	310	73	219	140" x 55" x 98"	5400	8"	4"
H85	860	81	93	307	327	86	249	140" x 55" x 92"	4850	6"	4"
H86	860	82	99	311	330	81	235	140" x 55" x 98"	5600	8"	4"
H96	950	92	111	349	372	95	272	140" x 60" x 100"	5700	8"	4"
H97	952	90	102	340	356	95	278	140" x 60" x 94"	5000	6"	4"
H112	1120	108	129	410	437	106	318	140" x 60" x 104"	6300	8"	5"
H131	1240	122	145	461	489	126	358	144" x 63" x 113"	7000	8"	5"
H146	1520	147	182	557	613	146	451	144" x 63" x 116"	7250	10"	5"
H168	1690	162	193	615	652	162	481	177" x 70" x 120"	10000	10"	6"
H193	1855	182	217	691	732	189	533	177" x 70" x 122"	10250	10"	6"
H221	2255	216	261	817	879	218	652	177" x 70" x 122"	10550	10"	6"
H267	2705	261	325	988	1112	263	807	228" x 75" x 135"	16500	10"	8"
H335	3380	326	402	1237	1377	328	1013	228" x 75" x 135"	17250	12"	8"
H375	3715	367	451	1390	1543	383	1125	228" x 80" x 150"	20500	12"	8"
H451	4510	434	531	1644	1807	438	1406	228" x 80" x 150"	21250	14"	10"

Ratings are based on water cooled or thermosyphon oil cooling, saturated suction temperature, with 10°F liquid subcooling. Booster ratings with liquid cooling to intermediate temperature. Economizer is flash type.