

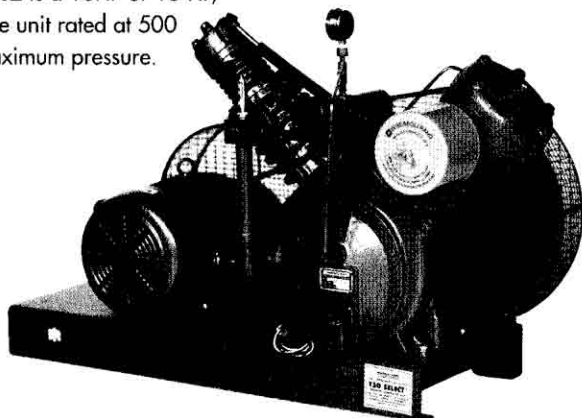
Dependable Type 30[®] Air Compressors Designed Specifically for High Pressure Operation

STANDARD FEATURES

Frame - Cylinders and crankshaft with bearings are frame (crankcase) supported. The frame is of close grained cast iron, completely sealed against dirt to protect the running parts, and provides a large oil sump. The oil filler plug is so located to prevent over-filling. The frame interior has maximum accessibility due to the overhung type crankshaft.

Crankshaft is of the over hung type, provided with two liberally sized ball bearings, and counterweighted. It is one-step finish ground to ensure perfect alignment of running parts, and balanced for smooth running operation.

Model 7T2 is a 10HP or 15 HP, two stage unit rated at 500 PSIG maximum pressure.

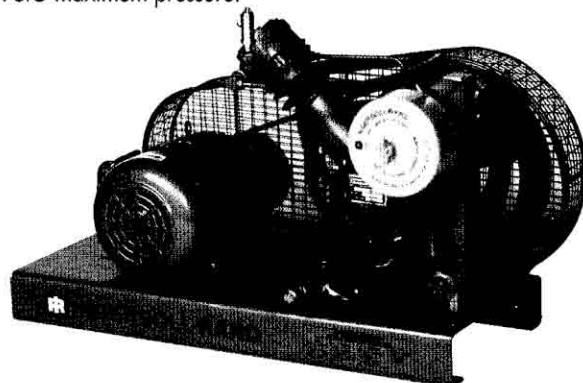


Cylinders are separately cast and individually flange bolted to the frame. Cylinders are precision honed for compatibility with the piston rings and employ deep radial fins to help remove the heat of compression.

Connecting Rods are of the solid-end precision type. There is no need for adjustment - no parts to come loose. This sturdy one-piece construction, permitted by the overhung crankshaft design, results in maximum strength and minimum weight.

Intercoolers are of finned-tube construction and are located directly in the flywheel air blast. They are provided with safety valves. Interstage pressure gauges are provided on all units except Models 231 and 223.

Model 231 is a 3 HP, two-stage unit rated at 500 PSIG maximum pressure.

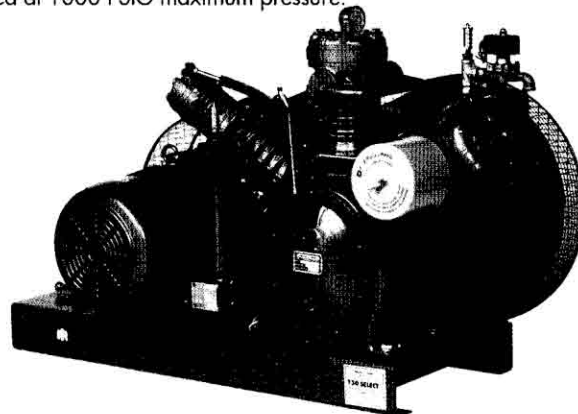


Aftercooler - The aftercooler is finned-tube type and mounted in the same area as the intercoolers within the blast of air from flywheel. Aftercoolers provide discharge air temperature approximately 40°F above ambient. Manual drains are standard on the 231, 7T2 and the 7T4 while an automatic drain is standard on the 223, 15T2 and 15T4.

“Full-Time” Low Oil Level Switch - optional on 231 - provides protection against low oil level. The compressor and motor are shut down at unsafe oil levels and cannot be restarted unless oil is added.

Regulation - These machines are normally provided without regulation. All models are available with auto start and stop control, constant speed control (except Model 223) and dual control.

Model 15T2 is a 15 or 20 HP, three-stage unit rated at 1000 PSIG maximum pressure.



High Pressure Air-Cooled Air Compressors 3-100 HP/300-6000 PSIG (21 to 413.7 Bar)

THE FOLLOWING IS STANDARD WITH EACH COMPRESSOR PACKAGE :

	Equipment	231	7T2	7T4	15T2	223	15T4	6R100	6R80	6R80-100
							H15T4			
Bare Units	Dry-Type Inlet Filter (Oil Bath on 6R)	●	●	●	●	●	●	●	●	●
	Splash Lubrication (Force Feed on 6R)	●	●	●	●	●	●	●	●	●
	Air-cooled Intercoolers	●	●	●	●	●	●	●	●	●
	Intercooler Pressure Gauges		●	●	●		●	●	●	●
	Safety Valve on Intercoolers	●	●	●	●	●	●	●	●	●
	Condensate Traps on Intercoolers				● ¹	● ¹	● ¹	●	●	●
	Air-cooled Aftercooler	●	●	●	●	●	●	●	●	●
	Condensate Trap on Aftercooler	●	●	●	●	●	●	●	●	●
	Safety Valve on Aftercooler	●	●	●	●	●	●	●	●	●
	Automatic Condensate Drain System	● ²	● ²	● ²	●	●	●	●	●	●
	Check Valve on Air Outlet from Aftercooler	● ²	● ²	● ²	●	●	●	●	●	●
	Discharge Pressure Gauge on Last Stage							●	●	●
	Shear Disc. Valve on Last Stage						●	●	●	●
¹ No Condensation Trap on 1st Stage Intercooler										
² Optional Component										
Base-plate Units	Baseplate and V-belt drive	●	●	●	●	●	●	● ³	● ³	● ³
	NEMA frame motor for V-belt drive	●	●	●	●	●	●	● ³	● ³	● ³
³ Available Direct-Connect by Flexible Coupling to D Flange Motor										

PERFORMANCE DATA AND DIMENSIONS

Model	Bare	Motor Horsepower		Max Pressure Psig	Speed RPM	Piston Displacement		Free-Air Delivery		Dimension			Weight	
		HP	KW			cfm	l/min	cfm	l/min	Length	Width	Height	Kg	Lb
231x3	231	3.0	2.2	500	660	7.4	210	4.8	136	880 x	520 x	540	140	308
7T4x5	7T4	5.5	4.0	1000	800	13.1	370	6.6	187	1260 x	760 x	800	295	650
7T2x10	7T2	10.0	7.5	500	550	25.0	708	14.9	422	1260 x	760 x	800	325	716
7T2x15	7T2	15.0	11.2	500	800	36.0	1020	21.6	612	1260 x	760 x	800	365	805
15T2x15	15T2	15.0	11.2	500	750	41.2	1167	31.3	886	1400 x	820 x	860	473	1042
15T2x15	15T2	15.0	11.2	800	555	30.3	858	22.9	649	1400 x	820 x	860	473	1042
15T2x20	15T2	20.0	14.9	500	900	49.5	1402	37.7	1068	1400 x	820 x	860	495	1092
15T2x20	15T2	20.0	14.9	1000	750	41.2	1167	30.8	872	1400 x	820 x	860	495	1092
223x5	223	5.5	4.0	3000	985	8.4	238	4.4	125	970 x	600 x	640	195	430
15T4x15	15T4	15.0	11.2	3500	631	23.2	657	13.5	382	1460 x	760 x	1040	520	1146
15T4x20	15T4	20.0	14.9	3500	1000	32.7	926	21.4	609	1460 x	760 x	1040	540	1190
H15T4x15	H15T4	15.0	11.2	5000	631	23.2	657	13.2	374	1460 x	760 x	1040	520	1146
H15T4x20	H15T4	20.0	14.9	5000	1000	32.7	926	20.9	592	1460 x	760 x	1040	540	1190
6R100	6R100	75.0	55.9	2000	1800	148.0	4192	100.0	2832	1930 x	1041 x	1295	1429	3150
6R80	6R80	75.0	55.9	6000	1800	122.7	3475	80.0	2266	1930 x	1041 x	1295	1429	3150
6R80-100	6R80-100	100.0	74.6	6000	1800	148.0	4192	99.0	2804	1930 x	1041 x	1295	1429	3150