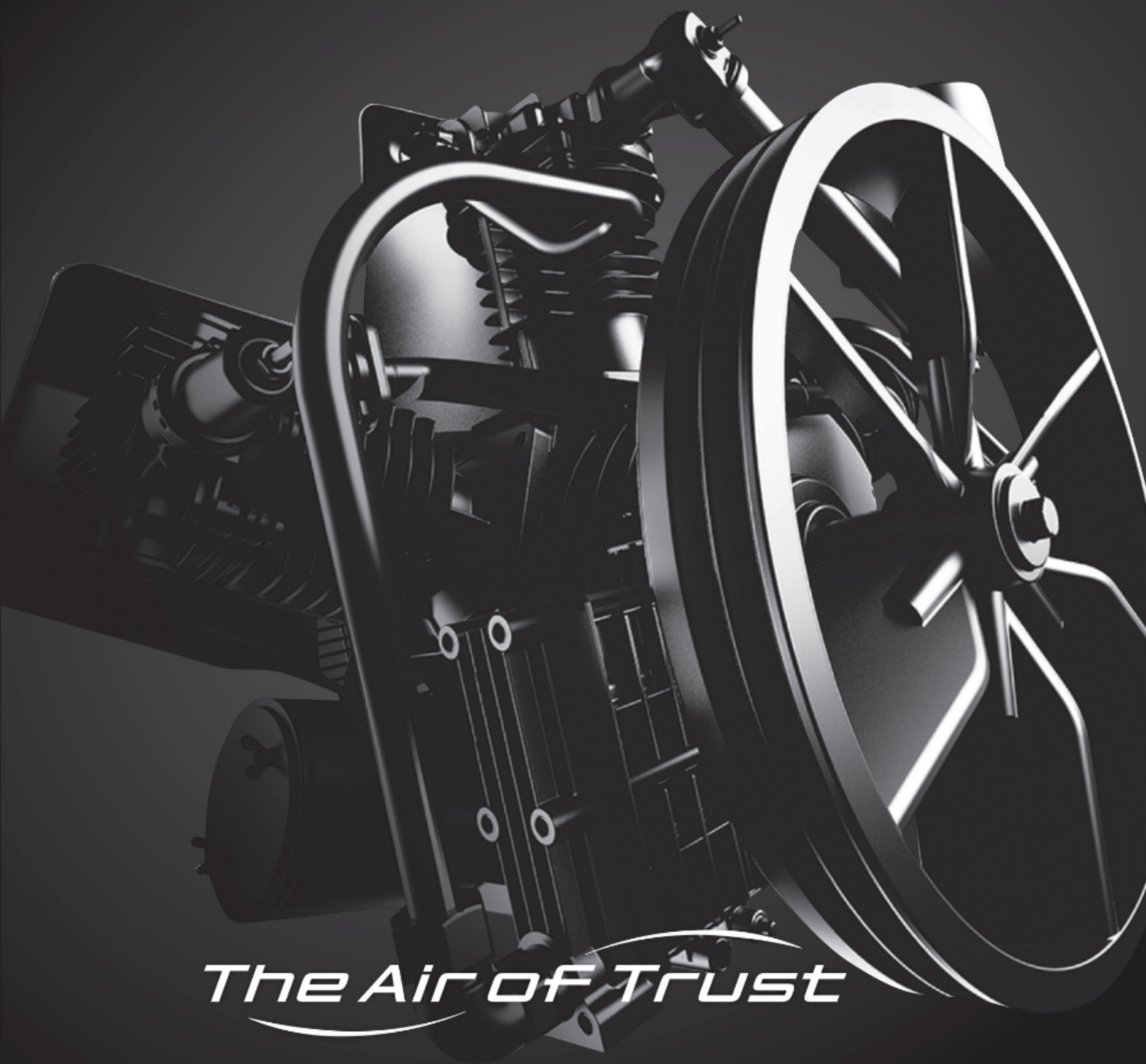


Oil Less Reciprocating COMPRESSOR

**ANEST
IWATA**

OFB/OFBE Base Mount
OFT/OFTE Tank Mount



The Air of Trust



OIL-LESS RECIPROCATING PISTON COMPRESSORS

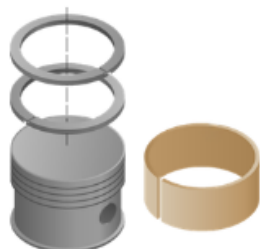
CLEAN. RELIABLE. BUILT TO LAST.

ANEST IWATA launched the oil-less reciprocating piston compressor in the 1970s, enhancing it for lower exit temperatures and longer life. Our simplex and duplex compressors utilize single-stage (1-3HP) or two-stage (5-15HP) pumps to generate clean, dry air for critical uses. Features like a self-lubricating oil-less pump, two-way cooling fans, and corrosion-resistant components contribute to improved temperature control and extended durability of piston rings and valve plates.

COMPOSITE PISTON TECHNOLOGY

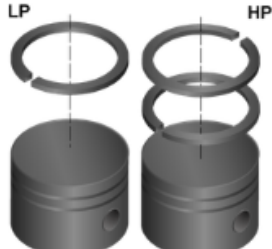
Composite piston construction isolates wrist pin bearings from compression heat, extending bearing life and reducing maintenance compared to conventional aluminum pistons.

ALUMINUM PISTON



Allows heat to enter, causing leaks and damage to bearings

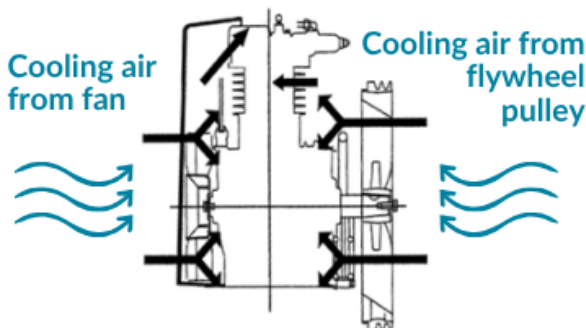
COMPOSITE PISTON



Insulates wrist pin bearings from compression heat

TWO-WAY COOLING SYSTEM

Cooling airflow from both the motor fan and flywheel pulley reduces operating temperature and improves longevity. The two-way cooling fans also help reduce temperature while the corrosion-resistant components and coatings extend piston ring and valve plate life.



TECHNICAL DATA

Contact the ANEST IWATA team for further information



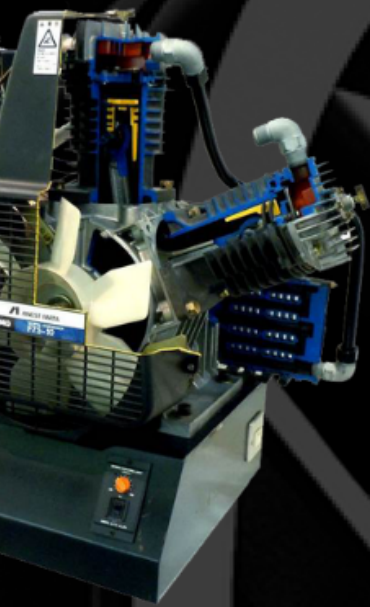
Model	Horse Power (HP)	Max Pressure (PSI)	SCFM	Air Outlet (Ball Valve) (NPT)	Voltage (V)	Dimensions L x W x H (Reference)
OFB-3	3	120	9.5	3/4"	3ph, 208-230/460	44 x 25 x 27.5
OFB-5	5	120	15	3/4"	3ph, 208-230/460	44 x 25 x 29.5
OFB-7.5	7.5	120	24	3/4"	3ph, 208-230/460	47 x 24 x 27.5
OFB-10	10	120	30	3/4"	3ph, 208-230/460	47 x 24 x 27.5
OFB-15	15	120	41	3/4"	3ph, 208-230/460	47 x 24 x 27.5

Model	Horse Power (HP)	Pressure On/Off (PSI)	Flow rate *1 (SCFM)	Air Outlet (Ball Valve) (NPT)	Phase	Voltage (V)	Sound (dB)	Receiver *2 (GAL)	Dimensions L x W x H (Inches)
OFT-7.5-80	7.5	90-120	24	3/4"	3	208-230/460	64	80	65 x 35 x 62.5
OFT-10-80	10	90-120	30	3/4"	3	208-230/460	69	80	65 x 35 x 62.5
OFT-15-120	15	90-120	41	3/4"	3	208-230/460	68	120	70 x 37 x 62.5

*1 - air delivery is average discharge air volume at max operating pressure converted into atmospheric pressure. Not w

*2 - available in different receiver sizes, consult factory

*3 - OFT -45T - Triplex piston unit



KEY FEATURES & BENEFITS



OIL-FREE PUMP

No oil maintenance required.



TEFC MOTOR STANDARD

Totally Enclosed Fan Cooled for durability.



INTERCOOLERS STANDARD

Lower exit temperatures for improved performance.



ELECTRIC SENSOR TANK DRAIN

Automatic operation for reliable moisture removal.



UL 508A CONTROL PANEL

NEMA 1 rated for safe, reliable operation.



DYNAMIC BALANCED FLYWHEEL

Low vibration for quieter operation and longer life.



COMPOSITE PISTON TECHNOLOGY

Insulated wrist pin reduces bearing heat and extends life.



TWO WAY COOLING SYSTEM

Cooling air from fan and flywheel reduces operating temperature.

CONFIGURATIONS

OFB/OFT-5



OFB/OFT-15



OFB/OFT-30D



Weight (lbs)	Model	Horse Power (HP)	Pressure On/Off	Flow rate *1 (SCFM)	Air Outlet (Ball Valve) (NPT)	Phase	Voltage (V)	Sound (dB)	Receiver *2 (GAL)	Dimensions	Weight (lbs)
			(PSI)							L x W x H (Inches)	
180	OFT-1-30	1	90-120	3.2	1/2"	1 or 3	1ph, 115/208-230 3ph, 208-230/460	59	30	28 x 19 x 59.5	200
270	OFT-2-30	2	90-120	5.7	1/2"	1 or 3	1ph, 115/208-230 3ph, 208-230/460	59	30	29 x 19 x 59.5	205
400	OFT-3-60	3	90-120	9.5	1/2"	3	208-230/460	72	60	48 x 33 x 54.5	370
425	OFT-5-60	5	90-120	15	1/2"	3	208-230/460	73	60	48 x 33 x 56.5	460
540	OFT-7.5-80	7.5	90-120	24	3/4"	3	208-230/460	70	80	63 x 31 x 56.5	650
	OFT-10-80	10	90-120	30	3/4"	3	208-230/460	75	80	63 x 31 x 55.5	680
	OFT-15-120	15	90-120	41	1"	3	208-230/460	74	120	70 x 24 x 59.5	925
	OFT-20D-120	20 (10 x 2)	#1 pump 90-120 #2 pump 80-110	29.7	1"	3	208-230/460	78	120	70 x 52 x 59.5	1260
	OFT-30D-240	30 (15 x 2)	#1 pump 90-120 #2 pump 80-110	80	1"	3	208-230/460	80	240	82 x 52 x 64.5	1965
	*3 OFT-45T-240	45 (15 x 3)	90-120	123	1-1/2"	3	208-230/460	TBD	240	96 x 54 x 63	TBD
	*3OFT-45TH-240	45 (15 x 3)	115-145	113.4	1-1/2"	3	208-230/460	TBD	240	96 x 54 x 63	TBD
	*3 OFT-45HH-240	45 (15 x 3)	170-200	111	1-1/2"	3	208-230/460	TBD	240	96 x 54 x 63	TBD

arrantable.



ANEST IWATA Air Engineering, Inc. is a wholly owned subsidiary of ANEST IWATA Corporation. We manufacture, distribute and service air compressors and vacuum pumps from this facility. We are located in West Chester, OH (just north of Cincinnati, OH) in a 53,000 sq. ft. facility.



ANEST IWATA Corporation was founded in 1926 with headquarters located in Yokohama, Japan. We are a global manufacturer with 3 main divisions: Air Compressors, Vacuum Pumps and Spray Painting Equipment. With over 42 subsidiaries and companies worldwide, we are truly a global sales and service company with over 1400 employees total. Our Yokohama offices are home to our state of the art training center, corporate showroom & administration center.

ANEST IWATA

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