

The Sullair 375 iT4 Family of Portable Air Compressors

300-425 cfm • 8.5-12 m³/min

Models: 300HH | 375 | 375H | 375HH | 425 | 425H

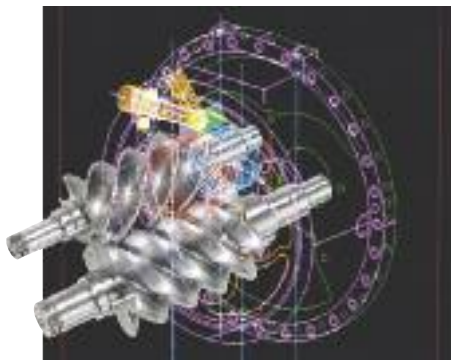



SULLAIR
an Accudyne company

Sullair: A Company Profile

Sullair Technology

Since 1965, Sullair has set today's standards for dependable portable rotary screw air compressors and pneumatic tools. In addition to the six iT4 models featured here, Sullair offers more than 90 other portable compressor models, the broadest range of air compressors in the world today. Sullair serves the construction industry from its corporate headquarters and manufacturing



complex in Michigan City, Indiana, USA, and its offices and manufacturing facilities in China and Australia. Manufacturing facilities, which are rated among the finest in the industry, utilize ISO 9001 certified quality systems.

The company's wide range of construction products is recognized around the world for their universally applicable design, outstanding craftsmanship and superior quality. Products include portable air compressors, ranging from 125 to 1600 cfm with pressures from 100 psig to 500 psig. These compressors are offered in a wide variety of mounting options, such as two-wheel, tandem and tri-axle versions.

Four-wheel steerable models and units without running gear are also available.



Sullair on the Job

Sullair equipment can be found at construction sites around the world, in mines and quarries, on bridges and roads, wherever quality and performance are called for. Sullair serves the construction and mining



industries through a network of authorized distributors. All Sullair distributors have been trained in sales applications, service, parts, and customer support.



Sullair's Commitment to Innovation

At Sullair, innovation is the basis for leadership. By continually exploring

new ideas and technologies to find better, more energy-efficient compressed air solutions, Sullair underscores its commitment to meeting the needs of its customers and confirms its position as a worldwide leader in rotary screw technology.



Sullair's iT4 Portable Compressors

In response to the new regulations, Sullair has completed its redesign of the 375 family of interim Tier 4 compliant portable compressors. These new models feature several enhancements to meet all iT4 requirements, as well as other design improvements. What does this mean for all of us? It means that the iT4 units significantly reduce the amount of pollutants released into the air. It fits well with Sullair's commitment to a sustainable future that includes helping to protect our environment.

375 iT4 Family Features

Gauges and a LCD graphic display on the controller include:

- Discharge air pressure
- Discharge air temperature (optional)
- Ambient air temperature
- Engine speed
- Hours of operation
- System voltage
- Engine coolant temperature/level
- Low coolant level shutdown
- Fuel level and usage rate
- Fuel pressure and temperature
- Percent engine load
- Engine air temperature
- Engine oil pressure
- Compressor and engine status
- Tachometer



Additional Control Features

- Engine diagnostic service port
- Diagnostic messages displayed on LCD screen
- Retrievable shutdown history
- Back lit switches and gauges for night use
- Idle warm-up valve
- Rocker type engine start switch
- High/low pressure selector valve
- Emergency stop
- Auto and remote start capability (optional)
- Indicator lights for:
 - Low fuel
 - High compressor temperature
 - Compressor shutdown and warning
 - Engine shutdown and warning

110% Fluid Containment

- Remote bulkhead drain valves for all engine and compressor fluids
- Strategic drain locations for easy service/washout

Two Mounting Options

- Heavy-duty highway towable torsional axle running gear includes – electric brakes, mechanical parking brake (optional), safety chains and tail lights
 - 3' x 5' drawbar
 - Quick change, adjustable height hitch
 - Screw jack with pad
 - E-Z lube axle lubrication
- Less running gear option available.

Cooling System

- No stacked coolers and removable access fan shroud covers for easy cleaning
- Cold box design – pusher fan pulls ambient air over compressor package

0 to 100% Capacity Control

- Automatic inlet valve and unloaded starting

Low Emissions Engine Technology

- Lowest emissions technology available complies with Interim Tier 4 emissions legislation

Quiet Operation

- Meets US EPA sounds requirements of 76 dBA @ 7meters



Total Accessibility

Routine maintenance is simplified.

Two-Stage Dry-Type Filters

- Primary stage (safety) filter and secondary stage (fine particulate) filter are positioned to draw cool ambient air

Additional Features

- Fork pockets (optional)
- Large service doors with gas assist springs
- Single point lifting system
- Controls at curbside / cool end of package
- Service valves
 - One valve 1 1/2" on 100 PSI machines
 - Two valves 3/4" on 150/200 PSI machines
- Integral glow plug starting aids
- Durable powder coat finish

Air End Warranty

- 5-year or 10,000-hour warranty when continuously serviced at recommended intervals with Sullair AWF compressor fluid and filters

Custom options to meet your specific compressed air needs

- Aftercooler and filtration for instrument quality air
- Fork lift pockets
- Block heater
- Hose reels (single and dual) and pneumatic hoses
- Spark arrestor muffler
- Mechanical parking brakes
- Ball hitch
- Air filter maintenance indicators



Optional Fork Lift Pockets

Loading/unloading machine onto trailer via forklift is made easy.

375 iT4 Family Specifications

PERFORMANCE

Model	Delivery @ Rated Pressure			Rated Pressure		Pressure Range	
	acfm	l/s	m ³ /min	psig	bar	psig	bar
300HH	300	142	8.4	200	13.8	80-200	5.5-13.8
375	375	177	10.5	100	6.9	80-125	5.5-8.6
375H	375	177	10.5	150	10.3	80-150	5.5-10.3
375HH	375	177	10.5	200	13.8	80-200	5.5-13.8
425	425	201	11.9	100	6.9	80-125	5.5-8.6
425H	425	201	11.9	150	10.3	80-150	5.5-10.3

Capacity per CAGI/PNEUROP PN2CPTC3. (Annex D to ISO 1217)

ENGINE SPECIFICATIONS

Model(s)	Engine Make	Emissions Tier Level	Engine Type	Engine Model	Displacement		Cylinders	Bore and Stroke		Rated Speed rpm	Rated Power	
					in ³	cm ³		in	mm		hp	kW
300HH, 375, 375H, 425	John Deere	iT4 Emission Compliant	Diesel	JD4045HF	275	4506	4	4.19 / 5.00	106 / 127	2400	122	91.0
375HH, 425H	John Deere	iT4 Emission Compliant	Diesel	JD4045HF	275	4506	4	4.19 / 5.00	106 / 127	2400	139	103.7
300HH, 375, 375H, 425	Caterpillar	iT4 Emission Compliant	Diesel	CA4.4	269	4400	4	4.13 / 5.00	106 / 127	2200	122	91.0
375HH, 425H	Caterpillar	iT4 Emission Compliant	Diesel	CA4.4	269	4400	4	4.13 / 5.00	106 / 127	2200	142	105.9

WEIGHTS AND DIMENSIONS

Designated Models	Weight (wet)		Weight (dry)		Length		Width		Height		Track Width		Tire Size (load range)
	lbs	kg	lbs	kg	in	mm	in	mm	in	mm	in	mm	
Single Axle (DPQ)	5450	2472	5225	2370	169	4293	93	2362	81	2057	79	2007	235/80R16
Less Running Gear (DLQ)	5240	2377	4775	2166	111	2819	70	1778	69	1753	–	–	–

Fundamental to Sullair's leadership is a dedication to reduce not only the amount of natural resources consumed to create energy, but to minimize environmental impact, in both the manufacture and use of all our products. We are constantly exploring new ideas and seeking new technologies to meet the ever-increasing need for high quality, energy-efficient compressed air products and environmental sustainability.



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