

2013-11





PRODUCT CATALOG







INGERSOLL RAND, **THE CONSTRUCTOR'S BRAND** OF CHOICE IN QUEBEC. THE MOST COMPLETE PRODUCT LINE!

SINGLE STAGE AIR COMPRESSORS

Single-stage air compressors are ideally suited for the contractor or small shop owner. Features include continuous duty cycle rating, cast iron compressor pump, minimum 5,000 hour pump operating life. Two-year pump warranty available with purchase of a start-up kit. Maximum pressure is 135 PSIG.



Single-Stage Electri	Single-Stage Electric											
Model	HP	ACFM	Max PSI	Voltage	Dim. (in) L x W x H	Weight (lbs)	Receiver (gal US)					
P1IU-A9	2	4.3 @ 90 psi	135	115-1-60	19 x 19 x 19	77	4 Twin					
P1.5IU-A9	2	5.2 @ 90 psi	135	115-1-60	22 x 23 x 43	200	20 Vert					
SS3F2-GM	2	5.7 @ 90 psi	135	115-1-60	47 x 26 x 36	185	30 Hor					
SS3J2-WB	2	5.7 @ 90 psi	135	115/230-1-60	43 x 18 x 25	175	8 Twin					
SS3J3-WB	3	11.3 @ 90 psi	135	230-1-60	43 x 18 x 25	175	8 Twin					
SS3L3	3	11.3 @ 90 psi	135	230-1-60	23 x 20 x 66	300	60 Vert					
SS5L5 (w/start-up kit)	5	18.1 @ 90 psi	135	230-1-60	30 x 20 x 71	310	60 Vert					



Single-Stage Gas Drive									
Model	HP	ACFM	Max PSI	Voltage	Dim. (in) L x W x H	Weight (lbs)	Receiver (gal US)		
SS3J5.5GH-WB (w/start-up kit)	5.5	11.8 @ 90 psi	135	Honda	44 x 18 x 26	175	8 Twin		

Single-Stage Bare Pumps						
Model	Dim. (in) L x W x H	Weight (lbs)				
SS3	13x12x12	48				
SS5	15x15x18	91				











TYPE 30 - TWO-STAGE BARE PUMPS

T-30 Bare Pumps				
Model	Min. RPM	Max. RPM	Dim. (in) L x W x H	Weight (lbs)
2340	700	1575	20 x 19 x 17	150
2475 (Gas)	575	1600	22 x 20 x 20	200
2475	575	1600	22 x 20 x 20	200
2545	400	1050	27 x 27 x 26	300
2545V	400	1050	27 x 27 x 26	275
7100	750	1100	30 x 27 x 26	450
7100V	750	1100	30 x 27 x 26	445
15T	550	1080	38 x 32 x 31	650
3000	750	1100	35 x 33 x 31	595
2000	550	1000	37 x 30 x 27	650
2000P	550	1000	37 x 30 x 27	650







TYPE 30 - TWO-STAGE CAST IRON

Type-30 - Value and Value Plus Compressors

Each *Value* or *Value Plus* unit includes a two-stage, 100% cast iron pump, ODP electric motor, mounted and wired magnetic motor starter (except 2340L5 - 230/1/60), automatic start & stop control with a NEMA 1 pressure switch mounted and an ASME coded air receiver tank. Verify voltage requirement. Warranty: 2-year pump, 1-year package with purchase of start-up kit. Maximum pressure is 175 PSIG.

Value Package				Value Package									
Model	HP	ACFM	Dim. (in) L x W x H	Weight (lbs)	Receiver (gal US)								
2340L5-V	5	14.3 @175 psi	32 x 21 x 69	400	60 Vert								
2340N5-V	5	14.3 @175 psi	32 x 20 x 67	475	80 Vert								
2475N5-V	5	16.8 @175 psi	38 x 26 x 70	500	80 Vert								
2475N7.5-V	7.5	24 @175 psi	38 x 26 x 70	500	80 Vert								
2545E10-V	10	35 @175 psi	73 x 28 x 51	835	120 Hor								
2545K10-V	10	35 @175 psi	44 x 32 x 82	850	120 Vert								
2545E10-VP	10	35 @175 psi	73 x 28 x 51	835	120 Hor								
2545K10-VP	10	35 @175 psi	44 x 32 x 82	850	120 Vert								
7100E15-V	15	50 @175 psi	72 x 28 x 56	1035	120 Hor								
7100E15-VP	15	50 @175 psi	72 x 28 x 56	1040	120 Hor								





Type-30 - **Premium** Compressors

Each **Premium** unit includes a two-stage, 100% cast iron pump, ODP electric motor, mounted & wired magnetic motor starter, automatic start & stop control with a NEMA 1 pressure switch, and an ASME coded air receiver tank. Fully Packaged models include an aircooled aftercooler, low oil level shutdown switch and an automatic drain valve. 5 and 7.5 HP units are equipped with automatic start and stop controls, and 10 HP units and above include dual control regulation with constant speed control. Verify voltage requirement. Warranty: 2-year pump, 1-year package with purchase of start-up kit. Maximum pressure is 175 PSIG.

Fully Packaged									
Model	HP	ACFM	Dim. (in) L x W x H	Weight (lbs)	Receiver (gal US)				
2475N5-P	5	16.8 @175 psi	38 x 26 x 70	500	80 Vert				
2475N7.5-P	7.5	24 @175 psi	38 x 26 x 70	500	80 Vert				
2545E10-P	10	35 @175 psi	72 x 31 x 56	835	120 Hor				
2545K10-P	10	35 @175 psi	44 x 32 x 82	850	120 Vert				
7100E15-P	15	50 @175 psi	72 x 30 x 56	1035	120 Hor				
15TE15-P	15	53 @175 psi	72 x 34 x 61	1400	120 Hor				
15TE20-P	20	72 @175 psi	72 x 34 x 61	1400	120 Hor				







TYPE 30 - TWO-STAGE PORTABLE GAS UNITS

Type-30 - Gasoline Driven Portable Air Compressors

Each package includes a two-stage, 100% cast iron compressor pump, gasoline engine with electric start, standard gas engine drive controls. Packages are mounted on a 30 gallon horizontal air receiver tank. 13 HP Honda package includes pull/electric start and a 3 amp alternator. Two-year pump warranty with start-up kit. Maximum pressure up to 175 PSIG.

Gasoline Drive									
Model	HP	ACFM	Dim. (in) L x W x H	Weight (lbs)	Receiver (gal US)				
2475F14G	14	24 @175 psi	44 x 22 x 46	430	30 Hor				
2475F13GH	13	25 @175 psi	44 x 22 x 41	415	30 Hor				





TYPE 30 - 5-15 HP - DUPLEX PACKAGES (100% Back-Up Capability)

Type-30 - Two-Stage Duplex Cast-Iron Compressor Packages

Each **Duplex Value** package includes two (2) bare compressors with two (2) ODP motors mounted on a single horizontal A.S.M.E.-coded receiver tank. Standard controls are automatic start/stop with unloading pressure switch. These packages include an E-Series alternator, mounted and wired, in a NEMA-1 enclosure. Panel is both U.L. and CSA approved. Alternator includes (2) duty-rated starters with overload protection, (1) control relay for alternation, (1) on/off switch, fused control circuit, (2) reset buttons through the cover. Package features a totally enclosed belt guard, no aftercooler, and manual tank drain. Standard voltage is 230-3-60 with optional voltages available to meet specific site needs. Both the 10 & 15HP Duplex packages feature an oil site glass on the pump for verification of proper oil level. Duplex Value packages offer limited options including install kit, start-up kit, and electric automatic tank drain with power cord; no other options are available with these packages.

Model	НР	ACFM*	Dim. (in) L x W x H	Weight (lbs)	Receiver (gal US)
2-2475E5-V	5	16.8	73 x 45 x 53	1,350	120-Horiz.
2-2475E7.5-V	7.5	24	73 x 45 x 53	1,375	120-Horiz.
2-2545E10-V	10	35	77 x 49 x 59	1,490	120-Horiz.
2-7100E15V	15	50	77 x 58 x 62	1,960	120-Horiz.

^(*) Performance for each pump. Multiply by (2) for total CFM if both pumps operating simultaneously.

Type-30 - Premium Duplex Cast Iron Compressor Packages **Duplex Premium Packages**

The **Duplex Premium** packages feature the same scope of supply as the above referenced Duplex packages. "Fully Packaged" units feature, as standard, a beltquard mounted aircooled aftercooler and EDV style automatic condensate tank drain. Duplex Premium packages offer limited options including install kit and start-up kit. No other options are available with these packages.

Model	НР	ACFM*	Dim. (in) L x W x H	Weight (lbs)	Receiver (gal US)
2-2475E5-P	5	16.8	73 x 45 x 53	1,350	120-Horiz.
2-2475E7.5-P	7.5	24	73 x 45 x 53	1,375	120-Horiz.
2-2545E10-P	10	35	77 x 49 x 59	1,500	120-Horiz.
2-7100E15P	15	50	77 x 58 x 62	2,000	120-Horiz.









UP-Series 5-15 HP Rotary Screw Air Compressors

The 5-15HP UP Series rotary screw compressors provide "best in class" performance in rotary screw technology. Each compressor package comes standard with 230/460-3-60 ODP electric motor, air-cooled after-cooler to reduce discharge air temperatures, full voltage motor starter mounted and wired (wired for 230-3-60 voltage standard), dual control (AS&S and constant speed control), low sound/ full sheet metal enclosure, package pre-filter, 8000-hour rated Ultra coolant, spin-on oil filter and separator element, A.S.M.E. coded horizontal receiver tank (tank mounted units only) with manual drain, and NEMA-1 electrical protection.



	UP S	eries 5 - 1	5 HP		Base M	ount	Tank Mount		
Model	HP	ACFM	Max PSI	dBA	Dim. (in) L x W x H	Weight (lbs)	Receiver (gal US)	Dim. (in) L x W x H	Weight (lbs)
UP6-5	5	18.5	125	65	41 x 29 x 36	650	80	54 x 29 x 61	925
	5	16	150	65	41 x 29 x 36	650	80	54 x 29 x 61	925
UP6-7.5	7.5	28	125	65	41 x 29 x 36	650	80	54 x 29 x 61	925
	7.5	25	150	65	41 x 29 x 36	650	80	54 x 29 x 61	925
UP6-10	10	38	125	68	41 x 29 x 36	650	80	54 x 29 x 61	925
	10	34	150	68	41 x 29 x 36	650	80	54 x 29 x 61	925
UP6-15C	15	55	125	69	41 x 29 x 36	650	80	54 x 29 x 61	925
	15	50	150	69	41 x 29 x 36	650	80	54 x 29 x 61	925

UP-Series 5-15 HP Total Air System

Looking to save space and installation costs? Consider the Small UP 5-15 HP *Total Air System (TAS)* packages as an innovative solution for your customer's needs. *(TAS)* packages come standard with "Energy Star" cycling refrigerated air dryer with stainless steel heat exchanger, integrated compressor and dryer controls for optimum operation, panel mounted dew point indicator, dual filters (both pre and after) mounted and piped, single point condensate drain system with electric drain (115-volt), and high efficiency moisture separator.



	UP Series 5 - 15 HP					ount	Tank Mount		
Model	НР	ACFM	Max PSI	dBA	Dim. (in) L x W x H	Weight (lbs)	Receiver (gal US)	Dim. (in) L x W x H	Weight (lbs)
UP6-5	5	18.5	125	65	41 x 29 x 36	675	80	54 x 29 x 61	950
	5	16	150	65	41 x 29 x 36	675	80	54 x 29 x 61	950
UP6-7.5	7.5	28	125	65	41 x 29 x 36	675	80	54 x 29 x 61	950
	7.5	25	150	65	41 x 29 x 36	675	80	54 x 29 x 61	950
UP6-10	10	38	125	68	41 x 29 x 36	675	80	54 x 29 x 61	950
	10	34	150	68	41 x 29 x 36	675	80	54 x 29 x 61	950
UP6-15C	15	55	125	69	41 x 29 x 36	675	80	54 x 29 x 61	950
	15	50	150	69	41 x 29 x 36	675	80	54 x 29 x 61	950



20-30 HP - ROTARY COMPRESSORS - CONTINUOUS DUTY

- LOW SOUND

UP-Series 20-30 HP Rotary Screw Air Compressors

Each compressor package comes standard with 230/460-3-60 ODP electric motor, air-cooled aftercooler to reduce discharge air temperatures, full voltage motor starter mounted and wired (wired for 230-3-60 voltage standard), AS&S control, low sound/full sheet metal enclosure, 8000-hour rated Ultra coolant, spin-on oil filter and separator element, A.S.M.E. coded horizontal receiver tank (tank mounted units only), and NEMA-1 electrical protection.



UP-Series 20 - 30 HP			Base M	ount	Tank Mount			
Model	HP	ACFM	Max PSI	dBA	Dim. (in) L x W x H	Weight (lbs)	Receiver (gal US)	Dim. (in) L x W x H
UP6-20	20	83	125	51 x 37 x 42	1186	120	75 x 35 x 71	1510
UP6-25	25	102	125	51 x 37 x 42	1206	120	75 x 35 x 71	1530
UP6-30	30	125	125	51 x 37 x 42	1292	120	75 x 35 x 71	1616

UP-Series 20-30 With Integral Dryer

In addition to all the features provided with the UP-Series compressor, an integral dryer/filter package allows for a compact, all-in-one design. A refrigerated dryer and GP filter are built in to the overall package providing a complete air system.

UP	-Series 20 -	30 HP w/	Dryer	Base Mount Tank Mount				
Model	HP	ACFM	Max PSI	dBA	Dim. (in) L x W x H	Weight (lbs)	Receiver (gal US)	Dim. (in) L x W x H
UP6-20	20	83	125	67 X 36 X 42	1411	120	75 x 36 x 71	1735
UP6-25	25	102	125	67 X 36 X 42	1451	120	75 x 36 x 71	1775
UP6-30	30	125	125	67 X 36 X 42	1537	120	75 x 36 x 71	1861



40-50 HP - ROTARY COMPRESSORS - LOW SOUND

UP6 40-50 HP Rotary Screw Air Compressors

Package includes all UP Series standard features plus a low sound enclosure to lower the noise level to 69 dBA, ODP motor, aftercooler, full voltage starter, load/no load with AS&S, NEMA 1 protection, and Ultra Plus coolant.

Integral "non-cycling" refrigerated air dryer packaged into the compressor package. Dryer features "CFC-free" R404-A refrigerant and comes integrally packaged and wired to allow for a single point piping and electrical connection to the compressor package. Dryer features a built-in moisture separator and electric solenoid operated condensate drain—all pre-piped and wired. (Note: Filters are sold separately, refer to page 12 for filter pricing)

UP6 40-50 HP Baseplate Mounted, no dryer, OL/OL Controls									
Model	НР	ACFM	Max PSI	Dim. (in) L xW x H	Weight (lbs)				
UP6-40-115	40	190	115	66 x 53 x 53	2326				
UP6-40-125	40	181	125	66 x 53 x 53	2326				
UP6-50PE-115	50	219	110	66 x 53 x 53	2384				
UP6-50PE-125	50	215	120	66 x 53 x 53	2384				

UP6 40-50 HP Baseplate Mounted w/Integrated Dryer and Intellisys Controller									
Model	HP	ACFM	Max PSI	Dim. (in) L xW x H	Weight (lbs)				
UP6-40-125	40	181	120	66 x 53 x 53	2566				
UP6-50PEI-125	50	215	120	66 x 53 x 53	2624				





O NIRVANA

VARIABLE FREQUENCY DRIVE ROTARY

Standard Nirvana Offering

- No belts, sheaves, or alignment related issues
- Low sound enclosure (68 72 dBA)
- Integrated modular airend with duplex tapered roller bearings
- "Spin-On/ Spin-Off" oil filter and separator cartridge
- Integrated Intelli-Drive NEMA 4 motor and VFD drive
- Variable speed or Fixed Speed operation
- VFD standard with selectable automatic start & stop
- Air-Cooled design with 104 degrees F ambient continuous-duty rating
- Baseplate-Mounted
- Motor mounted blower cooling No fan motor!
- Ultra Plus coolant with 2000 Hour Service Schedule

Nirvana Total Air System Offering

- Same features and scope of supply as the standard Nirvana offering. In addition, the Nirvana *Total Air System* packages include:
- Constant pressure, dry, clean air delivered down stream—helps increase productivity and maximize energy savings
- "Cycling" refrigerated air dryer-mounted and piped, with dewpoint monitor
- Dual filters—general purpose and coalescing filter mounted and piped
- 3-Valve by-pass valve standard
- "Single Point" condensate drain system—compresssor, dryer, and filters all piped to 1 common electric drain valve
- Smart, integrated controls—compressor & dryer "auto start and stop" together as a common unit

Total Air System™





Nirvana Specifications										
Model (***)	НР	ACFM	Max PSI	Voltage		Dim. (in _ x W x l		Weight (lbs)	Receiver (gal US)	
IRN7H-115	7.5	31	125	***	53	29	58	945	Baseplate	
IRN7H-150	7.5	26	160	***	53	29	58	945	Baseplate	
IRN10H-115	10	42	125	***	53	29	58	945	Baseplate	
IRN10H-150	10	35	160	***	53	29	58	945	Baseplate	
IRN15H-115	15	60	125	***	53	29	58	945	Baseplate	
IRN15H-150	15	51	160	***	53	29	58	945	Baseplate	

Nirvana Total Air System Specifications										
Model (***)	НР	ACFM	Max PSI	Voltage		Dim. (in . x W x l		Weight (lbs)	Receiver (gal US)	
IRN7H-TAS-100	7.5	31	125	***	53	29	58	1040	Baseplate	
IRN7H-TAS-130	7.5	26	160	***	53	29	58	1040	Baseplate	
IRN10H-TAS-100	10	42	125	***	53	29	58	1040	Baseplate	
IRN10H-TAS-130	10	35	160	***	53	29	58	1040	Baseplate	
IRN15H-TAS-100	15	60	125	***	53	29	58	1040	Baseplate	
IRN15H-TAS-130	15	51	160	***	53	29	58	1040	Baseplate	

^{***}Field Installation Req'd: 230-3-60, 460-3-60, 575-3-60

[&]quot;High Voltage" Line Conditioning Kit - incl. with all High Voltage Units

NOTE: Nirvana compressor required "clean" power on all 3-legs! When in doubt, contact your local IR sales office for guidance!



AIR TREATMENT EQUIPMENT

D-IN Refrigerated Air Dryers

Each refrigerated air dryer cools the compressed air by mechanical refrigeration to 33-39°F pressure dewpoint. Condensed water is removed through an automatic drain valve. Ratings are based on 100°F inlet air temperature and 100 PSIG inlet air pressure.



Small D-IN *					
Model	Air Flow (SCFM)	MaxPSI	Voltage	Dim. (in) L x W x H	Weight (lbs)
D12IN	7	203	115-1-60	12 x 15 x 16	40
D18IN	11	203	115-1-60	12 x 15 x 16	40
D25IN	15	203	115-1-60	16 x 18 x 18	58
D42IN	25	203	115-1-60	16 x 18 x 18	60
D54IN	32	203	115-1-60	16 x 18 x 18	62
D72IN	42	203	115-1-60	16 x 18 x 18	62
D108IN	64	203	115-1-60	17 x 21 x 23	78
D144IN	85	203	115-1-60	17 x 21 x 23	82
D180IN	106	203	115-1-60	17 x 21 x 23	104
D300IN	176	174	230-1-60	20 x 29 x 39	192
D360IN	212	174	230-1-60	20 x 29 x 39	192

Medium D-IN I	Medium D-IN Dryers *									
Model	Air Flow (SCFM)	MaxPSI	Voltage	Dim. (in) L x W x H	Weight (lbs)					
D340INA	200	300	230-1-60	28 x 33 x 40	145					
D340INA	200	300	230, 460**, or 575**	28 x 33 x 40	145					
D420INA	250	300	230, 460**, or 575**	28 x 33 x 40	145					
D510INA	300	300	230, 460**, or 575**	28 x 33 x 40	155					



Thermal Mass Dryers

Thermal Mass dryers use a simple refrigeration system to cool a liquid solution that in turn cools the compressed air, removing harmful moisture from your air stream. This method allows the refrigeration compressor to shut down during periods of low flow, resulting in reduced power costs when compared to other designs. This cycling refrigerated dryer provides the greatest energy savings as compared to all other refrigeration dryer technology. This design has the lowest operating kW, the lowest pressure drop and cycles off in periods of low demand.

Thermal Mass Dryers *								
Modèle	Débit (cfm)	Pression Max (psi)	Tension (volts)	Dim. (po) L x La x H	Poids (lbs)			
D17ECA100	10	230	115-1-60	14 x 14 x 18	75			
D31ECA100	18	230	115-1-60	14 x 14 x 18	75			
D41ECA100	24	230	115-1-60	14 x 14 x 18	90			
D59ECA100	35	230	115-1-60	20 x 16 x 23	165			
D85ECA100	50	230	115-1-60	20 x 16 x 23	165			
D127ECA100	75	230	115-1-60	14 x 35 x 31	140			
D170ECA100	100	230	115-1-60	14 X 35 X 31	175			
D212ECA100	125	230	115-1-60	14 X 35 X 31	175			
D255NC	150	230	115-1-60	14 X 35 X 31	175			
NVC200	200	230	230-1-60	30 x 28 x 58	620			



^{*} For use with compressors with aftercoolers

^{** 3} Ph./60 Hz

^{*} For use with compressors with aftercoolers



D-IT High Temperature Air Dryers

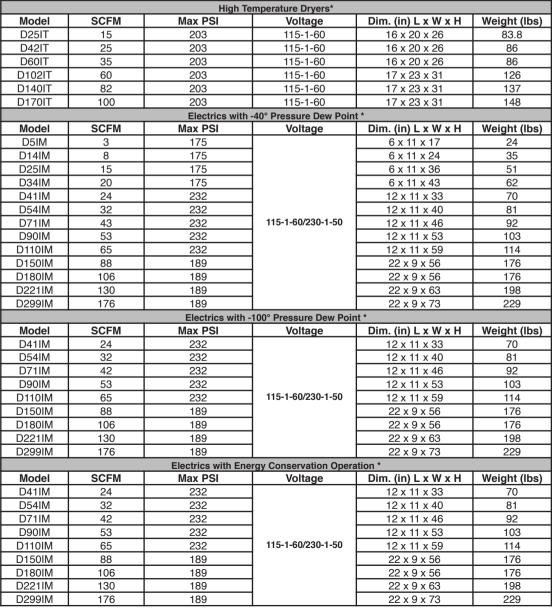
Each refrigerated air dryer cools the compressed air by mechanical refrigeration to 50° F pressure dewpoint. Condensed water is removed through an automatic drain valve. *Rating conditions of: 66° C (150° F) and 100 psig Air Inlet, 35° C (95° F) Ambient . Performance and specifications + / - 5%

Ingersoll Rand Modular Desiccant Air Dryers

Perfect for outdoors or low ambient applications! Modular designed desiccant air dryers have been specially designed to provide compressed air pressure dewpoint of -40°F. Ratings are based on 100°F inlet air temperature and 100 PSIG inlet air pressure. Maximum pressure is 150 PSIG.

Ingersoll Rand Modular Desiccant Air Dryers

Perfect for outdoors or low ambient applications! Modular designed desiccant air dryers have been specially designed to provide compressed air pressure dewpoint of -40°F. Ratings are based on 100°F inlet air temperature and 100 PSIG inlet air pressure. Maximum pressure is 150 PSIG.





^{*} For use with compressors with aftercoolers

Note: Regenerative dryers should be installed in a place where the temperature is maintained above the freezing point.

CONDENSATE MANAGEMENT

PolySep Oil Water Separator

Removes lubricant from air compressor condensate before discharge to drains or other collection points. Maintain customers in compliance with environmental regulations "Environmentally-friendly". Works on both Ingersoll Rand and Competitive machines effectively. Ultra Coolant (polyglycol) is the toughest lubricant to separate. No other technology is as effective as the PolySep!

Model PolySep CCN		Replacement Module CCN
PSG-7	38456992	38457008
PSG-15	38339040	38339057
PSG-30	38465605	38465712



ELECTRONIC DRAIN VALVES

Electronic Drain Valve

The *Ingersoll Rand* Electronic Drain Valve (EDV) is a full-feature automatic electronic solenoid drain valve that cost-effectively removes condensate from compressors, receivers, dryers, aftercoolers, filters and drip legs. Each EDV includes an electric drain, manual blowdown valve, and a strainer/ball valve, which prevents debris from clogging the drain valve.

- Prevents rusting
- Eliminates manual draining
- Maximum pressure of 17.3 bar (250 psi)



Model	Voltage	Inlet Connection (mm/in)	Outlet Connection (mm/in)	Orifice Diameter (mm/in)
37995925	110/120V	6.4/0.25 NPT	6.4/0.25 NPT	2.3/3/32
54410931	110/120V	6.4/0.25 NPT	6.4/0.25 NPT	10.7/7/16
37995891	110/120V	12.7/0.5 NPT	12.7/0.5 NPT	10.7/7/16
54579248	110/120V	JIC-14	6.4/0.25 NPT	2.3/3/32
37995933	110/120V	6.4/0.25 NPT	6.4/0.25 NPT	2.3/3/32
37995909	110/120V	6.4/0.25 NPT	6.4/0.25 NPT	10.7/7/16
37995917	110/120V	12.7/0.5 NPT	12.7/0.5 NPT	10.7/7/16

ALTERNATOR SWITCH

The Alternator Switch is designed to control any (2) pressure switch controlled reciprocating air compressors. This robust unit that is rated to 600V provides alternating and duplexing functionality at a superb value.





CCN	
38342176	





PNLD II (MÉCANIQUE - SANS PERTE D'AIR)

PNLD II 28

The newly designed PNLD II units are heavy-duty industrial drain valves that remove condensate without wasting compressed air. The pneumatically powered PNLD II requires no electricity, pre-settings or manual intervention. Designed to compliment all compresed air systems inluding compressors, filters, water seperators, dryers, collers and receivers and the PNLD II is easy to install and will not clog.



CCN	Description	Designation	Control Air	Op PSI
22890214	Purgeur de condensat 28oz	Basse pression (LP)	40-130 psi	450
22699706	Purgeur de condensat 28oz	Moyenne pression (MP)	55-130 psi	450
22758643	Purgeur de condensat 28oz	Haute pression (HP)	55-130 psi	750

O HOSE REELS

Features & Benefits of Hose Reels

Compressed air hoses lying around the workplace are a hazard. Most of us do not realize how many accidents involving people, equipment and machinery are caused by tripping over unraveled hoses. Even fewer consider the increased cost of extra wear and tear on hoses. The correct use of a hose reel can solve this problem. A reel that releases the correct length of hose not only improves safety and hose economy, but also improves workplace efficiency.



Low Pressure Ultra Duty Reel

Ultra duty hose reels are manufactured of all steel construction with a durable powder coat finish.

Low Pressure Heavy Duty Reel

This new composite hose reel provides excellent durability at a great value. All composite reels are made of a tough glass-filled composite material combined with a strong steel base.



CCN	Performance Rating	Max. Pressure	Hose Length (ft)	Hose ID (in)	L	W	Н	Spool Material
6358	Résistant	300	50	3/8	17.75	7	20.37	Composé

Low Pressure Hose Reels for Air, Water and Compatible Solvents 3/8" Hose has 1/4"NPT threads, 1/2" Hose has 1/2" NPT threads



FILTERS, REGULATORS, AND LUBRICATORS

Filters, regulators, and lubricators provide point-of use fluid conditioning to enhance tool longevity and process quality. A 40-micron filter removes rust, scale, and condensation, which increases wear on tools and other equipment. Regulators provide constant pressure with varying upstream pressure. Lubricators provide lubricating oil to tools, cylinders, valves and other equipment. Filters, regulators and lubricators can be bought individually or as a combined "piggyback" configuration.





Piggyback Filter/R	tegulator/Lubricate	or					
Port Size NPT	Max Inlet Pressure	Filter Element	Pressure Range	Gauge	Weight	Flow SCFM	Part Number
1/4"	250 PSI	5 Micron	0 - 140 PSI	0 - 140	2.3	58	C38221-611
3/8"	250 PSI	5 Micron	0 - 140 PSI	0 - 140	3.6	96	C38331-611
1/2"	250 PSI	5 Micron	0 - 140 PSI	0 - 140	3.6	120	C38341-611
Piggyback Filter/R	Regulator						
Port Size NPT	Max Inlet Pressure	Filter Element	Pressure Range	Gauge	Weight	Flow SCFM	Part Number
1/4"	250 PSI	5 Micron	0 - 140 PSI	0 - 140	1.5	72	P39224-614
3/8"	250 PSI	5 Micron	0 - 140 PSI	0 - 140	1.9	132	P39334-614
1/2"	250 PSI	5 Micron	0 - 140 PSI	0 - 140	1.9	172	P39344-614
Regulators		- · · · · · · · · · · · · · · · · · · ·			1.10		
Port Size NPT	Max Inlet Pressure	Filter Element	Pressure Range	Gauge	Weight	Flow SCFM	Part Number
1/4"	250 PSI	N/A	0 - 140 PSI	0 - 140	0.9	86	R37221-600
3/8"	250 PSI	N/A	0 - 140 PSI	0 - 140	1.1	179	R37331-600
1/2"	250 PSI	N/A	0 - 140 PSI	0 - 140	1.1	210	R37341-600
Heavy Duty Filters	<u>, </u>						
Port Size NPT	Max Inlet Pressure	Filter Element	Pressure Range	Gauge	Weight	Flow SCFM	Part Number
1/2"	250 PSI	5 Micron	0-250 PSI	N/A	1.4	197	F35341-421
3/4"	250 PSI	5 Micron	0-250 PSI	N/A	2.7	288	F35451-421
1"	250 PSI	5 Micron	0-250 PSI	N/A	2.7	353	F35461-421
Heavy Duty Regul	ators						
Port Size NPT	Max Inlet Pressure	Filter Element	Pressure Range	Gauge	Weight	Flow SCFM	Part Number
1/2"	250 PSI	N/A	0 - 140 PSI	N/A	1.2	210	R37341-100
3/4"	250 PSI	N/A	0 - 140 PSI	N/A	3.3	290	R37451-100
1"	250 PSI	N/A	0 - 140 PSI	N/A	3.3	290	R37461-100
Heavy Duty Lubric		14//	0 140101	14//	0.0	200	1107401 100
Port Size NPT	Max Inlet Pressure	Filter Element	Pressure Range	Gauge	Weight	Flow SCFM	Part Number
1/2"	250 PSI	N/A	0-250 PSI	N/A	1.4	156	L36341-120
3/4"	250 PSI	N/A	0-250 PSI	N/A	2.6	330	L36451-120
1"	250 PSI	N/A	0-250 PSI	N/A	2.7	330	L36461-120
Point of Use Manif	fold						
Qty 1" Ports	Qty 1/2" Ports	Qty 3/8" Ports	Qty 1/4" Ports	Max PSI	Weight	Flow SCFM	Part Number
2 (Top/Bottom)	2	2	2	232	2	250	38004339
PUP Filter							
Qty 1" Ports	Qty 1/2" Ports	Qty 3/8" Ports	Qty 1/4" Ports	Max PSI	Weight	Flow SCFM	Part Number
1 (Top)	2	2	1 Micron	232	3	60	42526707



FILTERS...JUST THE WAY YOU NEED THEM.

All of this great new technology wouldn't provide value if we didn't deliver it in precisely the filter type you need. That's why we offer dust filters, general purpose filters, coalescing filters and activated carbon filters.

Caractéristiqu	es des filt	res											
Grade	Pipe Size NPT		w Rates sig/7 bar g	ļ	\	ı		nsions C	;)	Wei	ight
A, G, H, D	in	cfm	m³/min	in	mm	in	mm	in	mm	in	mm	lb	kg
F35 I (grade)	0.50	21	0.58	2.99	76	1.81	46	8.07	205	1.00	25	1.5	0.68
F71 I (grade)	0.75	42	1.18	3.84	98	2.08	53	10.28	261	1.25	32	2.6	1.18
F108 I (grade)	0.75	64	1.80	3.84	98	2.08	53	10.28	261	1.25	32	2.6	1.18
F144 I (grade)	1.00	85	2.40	5.08	129	2.40	61	11.40	290	1.50	38	4.8	2.18
F178 I (grade)	1.00	105	2.97	5.08	129	2.40	61	11.40	290	1.50	38	4.8	2.18
F212 I (grade)	1.00	125	3.53	5.08	129	2.40	61	11.40	290	1.50	38	4.8	2.18
F395 I (grade)	1.50	233	6.58	5.08	129	2.40	61	15.00	381	1.50	38	6.2	2.81
F424 I (grade)	1.50	250	7.07	5.08	129	2.40	61	15.00	381	1.50	38	6.2	2.81
F577 I (grade)	2.00	339	9.62	6.69	170	2.90	74	19.70	500	2.00	51	12.4	5.62
F791 I (grade)	2.00	466	13.02	6.69	170	2.90	74	19.70	500	2.00	51	12.4	5.62
F985 I (grade)	2.00	580	16.42	6.69	170	2.90	74	19.70	500	2.00	51	12.4	5.62

^{*}H only **A, G, D only

Grade A - Activated Carbon Filtration

Oil vapor and hydrocarbon odor removal, providing a maximum remaining oil content of <0.003 mg/m3 (<0.003 ppm) (excluding methane) @ 21°C. (Precede with Grade H filter)

Grade G - General Purpose Protection

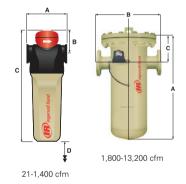
Particle removal down to 1 micron including coalesced liquid, water and oil, providing a maximum remaining oil aerosol content of 0.5 mg/m3 @ 21°C.

Grade H - High Efficiency Oil Removal Filtration

Particle removal down to 0.01 micron including water and oil aerosols, providing a maximum remaining oil aerosol content of 0.01 mg/m3 @ 21°C. (Precede with Grade G filter)

Grade D - General Purpose Dust Filtration

Dust particle removal down to 1 micron (up to 1,400 cfm) Dust particle removal down to 5 micron (above 1,400 cfm)



Operating Limitations:

Maximum Operating Pressure 250 psig (17 bar g) up to 1,400 cfm and 150 psig (10 bar g) above 1,400 cfm

Maximum Recommended Operating Temperature (Grade G, H, D) 150°F (66°C) Maximum Recommended Operating Temperature (Grade A) 86°F (30°C)

Minimum Recommended Operating Temperature $\,$ 34°F (1°C) $\,$

Line Pressure	psig	15	29	44	73	100	131	160	189	218	232	250
	bar g	1	2	3	5	7	9	11	13	15	16	17
Correction Fac	tors	0.38	0.53	0.65	0.85	1.00	1.13	1.25	1.36	1.46	1.51	1.56



X4I CONTROLLER

The X4I is a specialized controller designed to provide safe, reliable, and energy-efficient control of your compressed air system. The X4I is capable of operating up to four (4) positive displacement compressors—either rotary or reciprocating technology, or a mixture of the two. The compressors may have electropneumatic (pressure switch) or microprocessor based controls.

CCN
39265889

^{**}For multiple compressor control systems, please consult your local IR Representative.



PACE

Ingersoll Rand **PacE** control effectively uses system storage to compensate for high, random air usage and avoids the need to increase the entire system pressure.

Model	CNN	Ma CFM	NPT	Max Intel Pressure	Control Range	Max Operating Temp
PacE 1	38334314	250	1"	232	144 psi - 7 psi	176°F (80°C) - -4°F (-20°C)
PacE 0.5	38342119	60	0.5"	232	144 psi - 7 psi	176°F (80°C) - -4°F (-20°C)



LUBRICANT AND KITS







Small Recip Lubricant	Quantity	Part Number	Quantity	Part Number
T-30 All Season Select	Case (12 Quarts)	38436739	1 Gal (Qty 4)	38441036
XL-300	Case (12 Quarts)	32268443	1 Gal (Qty 4)	37949757

Rotary Lubricant	Quantity	Part Number	Quantity	Part Number
Ultra Coolant	5 Liters	92692284	20 Liters	38459582
Ultra Plus	5 Liters	22114185	Pail (5 Gal)	54772603
Food Grade	1 Gal	N/A	Pail (5 Gal)	38433116



Compressor Model	Micron Size	Element Number
2545, 3000	10 micron	32012957
2545, 3000	4 micron (Heavy Duty)	32165466
2340, 2475, UP6R7.5, UP6R15	10 micron	32170979
2340, 2475, UP6R7.5, UP6R15	4 micron (Heavy Duty)	32282196
UP6R5. UP6R10	10 micron	32170979





STARTUP AND MAINTENANCE KITS

T-30 Start-Up Kits

Ingersoll Rand offers All Season Select® based start up kits to provide improved protection for small recip compressors. Each kit contains all the parts needed to correctly start up and maintain your compressor for the first year. It includes All Season Select®, a synthetic fluid specifically formulated to protect and preserve Ingersoll Rand small recip air compressors. It enables the customer to run 2,000 hours of service between change-outs under normal operating conditions and gives the added protection of extended warranty coverage.

Kit includes:

- (4 liters) All Season Select® Lubricant
- (2) Air Filter elements
- Product Sheet
- Proof of warranty decal

Start-Up Kits T30						
Model	CCN					
2420, 2340, 2475	32305880					
2545, 7100, 71T2	32305898					
15T, 3000	32305906					
2000	20102877					
2000 Splash Lub w/HD Filter	81296626					
2000 Pressure Lub w/HD Filter	81296642					
SS3	97338099					
SS5	20100251					
TS5	32332827					

Maintenance Kits

2000 hours Maintenance Kits allow the customer to receive all parts necessary for 3000 hours maintenance interval and they are competitively priced.

Includes:

- Ultra Coolant Coolant Filters Air Filter Element
- Separator Cartridge Package Pre-filter

Nirvana								
Model	CCN							
20-25								
2/8000 hrs (TAS)	23352362							
2/8000 hrs (TAS) HD	23352370							
2/8000 hrs (Non-TAS)	23352396							
2/8000 hrs (Non-TAS) HD	23352404							
30-40								
2/8000 hrs (TAS)	23352388							
2/8000 hrs (Non-TAS)	23352412							
50-60								
4000 hrs	42511121							
8000 hrs	42516666							

Rotary Start-Up Kits

Rotary Start-Up kits are ideal for having the right parts on hand to perform the maintenance required during the first hours of operation and start-up of the compressor. These are available for the 7.5hp-100hp model range. With the start-up kit, you can maintain your premium unit to factory recommendations that will allow for the optimal life and efficiency of your air compressor.

Kit includes:

- (1) Coolant Filter
- Ultra Coolant

Start-Up Kits Rotary					
Model	CCN				
Small UP& Nirvana (5-15)	23352131				
UP 20-50	38462743				
Nirvana 20-40	23352354				
Nirvana 50-60	38334041				





Maintenance Kits (Small Nirvana)						
Model	CCN					
2000 hrs (Non-TAS)	23352198					
2000 hrs (Non-TAS) HD	23352206					
2000 hrs (TAS)	23352214					
2000 hrs (TAS) HD	23352222					
8000 hrs (Non-TAS)	23352230					
8000 hrs (TAS)	23352255					
8000 hrs (TAS) HD	23352263					

Maintenance Kits Rotary (Small UP)						
Model	CCN					
2000 hrs (Non-TAS)	23352149					
2000 hrs (TAS) 10-15	23360910					
2000 hrs (TAS) 5-7.5	23360928					
8000 hrs (Non-TAS)	23352164					
8000 hrs (TAS) 10-15	23352172					
8000 hrs (TAS) 5-7.5	23352180					
UP 20-30 2/8000 hrs	38462750					
UP 40-50 2/8000 hrs	38462776					

O AIR COMPRESSOR SELECTION GUIDE

	CLASS	ENVIRONMENT	DUTY/DESIGN LIFE	AIR POWER	TECHNOLOGY	CONFIGURATION	COMPRESSOR			
HOME USE		Do-it-Yourself Home/Yard Hobbies Projects	Light Duty Occasional Use Moderate Life	Up to 6 CFM 125 PSI Max.	Oilless Direct Drive Single Stage	Small Tank Electric Motor Portable				
CONTRACTOR	A	Sub-Contractors Job Site or Shop Roofing, Framing Maintenance Repair	Intermittent Duty Heavy Use Long Life	Up to 12 CFM 135 PSI Max.	Oil Lubricated Belt or Direct Drive Single Stage	Small-Moderate Tank Gas or Electric Portable	8,50			
PROFESSIONAL		Mechanics, Pros Shops Garages Light Automotive Commercial Trades	Intermittent to Continuous Duty Heavy Use Extended Life	Up to 16 CFM 135 PSI Max.	Oil Lubricated Belt Drive Single Stage	Large Tank 230V Motor Stationary	IF Departs of Rand			
INDUSTRIAL	Tee en	Shop Operators Light Industrial Sites Heavy Automotive Light Manufacturing	Continuous Duty Heavy Use Extended Life	Up to 24 CFM 175 PSI Max.	Oil Lubricated Belt Drive Two Stage	Large Tank 230V Motor Stationary	(II) report land			
	KNOW YOUR POWER SOURCE									
		l and Commercial a 115V/60Hz power.	Industrial bui	ntial, Commercial, and Idings have 230V/single lower, but this should be	When electric power is not available, purchase a gas engine driven compressor. Do not use gas engine compressors indoors.					



SS3J5.5GH-WB "Wheel Barrow"



SS3R2-GM "Garage Mate"



SS3L3



2340L5



2475N7.5



AVERAGE AIR CONSUMPTION*

Socket Driving (25% Load Factor) 3/8" Impact Wrench 90 PSI 3 CFM 1/2" Impact Wrench 90 PSI 5 CFM 3/8" Air Ratchet 90 PSI 5 CFM Material Reshaping (25% Load Factor) 3/8" Air Drill 90 PSI 4 CFM Die Grinder 90 PSI 4 CFM Air Hammer 90 PSI 6 CFM Air Nibbler 90 PSI 5 CFM Horizontal Grinder 90 PSI 9 CFM Cut-Off Tool 90 PSI 11 CFM Spray Painting (Continuous Load) Home/Hobby Spray Gun 40 PSI 3 CFM Multi-Purpose Spray Gun 40 PSI 5 CFM Production Spray Gun 90 PSI 8 CFM Undercoat Spray Gun 90 PSI 19 CFM Finishing/Sanding (Continuous Load) Straight Line Sander 90 PSI 9 CFM Body Sander 90 PSI 14 CFM Orbital Sander 90 PSI 18 CFM High-Speed Sander 90 PSI 20 CFM Air Polisher/Buffer 90 PSI 21 CFM Sand Blaster Kit 90 PSI **22 CFM** Tires Service (25% Load Factor) Car Lift 150 PSI 6 CFM Tire Changer 150 PSI 2 CFM

Selecting the Specific Compressor Size

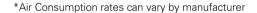
(1) Determine the Air Power (CFM/PSI) required for your tools. Read the air requirement on the tool packaging or estimate your usage from the chart below.





(2) Select the compressor model with an Air Power rating that exceeds the total tool requirement.

Note: For heavy use, select compressors with high maximum pressures to provide more usable air.



Class	Contractor	Professional		Industrial			
Model	SS3J5.4GH-WB	SS3R2-GM SS3L3		2340L5	2475N7.5		
Pump Design:							
Technology	Lube Cast Iron	Lube Cast Iron			Lube Cast Iron		
Pump Life	5 000+ hrs	5 000+ hrs		10 000+ hrs			
Duty Cycle	Continuous	100 % Continuo	ıs	100 % Continuous			
Air Power:							
CFM @ 90#	11,8	5,7	11,3	14,8	24,3		
Max. PSI	135	135 135		175	175		
Configuration:							
Tank Size Type	8 Gal Wheel Barrow	24 Gal 60 Gal Vertical Vertical		60 Gal Vertical	60 Gal Vertical		
Driver Rating:							
Run HP Peak HP Source	5,5 - Gas	2 5 120V	3 7,9 230V	5 11.8 230V	7,5 21,4 230V		



NOT ALL HORSEPOWER IS RATED EQUALLY.

Ingersoll Rand rates compressor motors at applied load or running horsepower while many consumer compressors are rated at peak horsepower

LEGENDARY PERFORMANCE

KEY FEATURES AND AVAILABLE VOLTAGES

PISTON COMPRESSORS														
MODEL	НР	CFM	AFTER-COOLER	START-UP KIT	LOW OIL SWITCH	ÉLEC. DRAIN	MAX PRESSION	RECEIVER	RECEIVER CODE	WEIGHT	LEVEL (dBA)	115/1/60	230 / 1 / 60	575/3/60
PISTON COMPRESSORS SIMPLES	X - ALL M	ODELS AI	RE SUPPL	IED WITH	STARTE	RS OR "UI	NLOADIN	G PRESSURE SWI	тсн"					
P1IU-A9	2	4.3		•			135	4 Gal.		77	79	•		
P1.5U-A9	2	5.7		•			135	24 Gal.Vert.		185	78	•		
SS3F2GM w/kit	2	5.7		•			135	30 Gal.Horz.	F	185	78	•		
SS3L3 w/kit	3	11.3		•			135	60 Gal.Vert.	L	300	78		•	
2340N5-V w/kit	5	14		•			175	80 Gal.Vert.	N	400	84		•	•
2475N7.5-V w/kit	7.5	24		•			175	80 Gal.Vert.	N	500	85		•	•
2475N7.5-P w/kit	7.5	24	•	•	•	•	175	80 Gal.Vert.	N	500	85		•	•
2475F13GH (Gas Package) w/kit	13	25		•			175	30 Gal.Horz.	F	415	92.7		Gaz	
2545E10-VP w/kit	10	35	•	•		•	175	120 Gal.Horz.	Е	835	83			•
2545K10-V w/kit	10	35	•	•			175	120 Gal.Horz.	Е	850	83			•
2545K10-VP w/kit	10	35	•	•		•	175	120 Gal.Horz.	Е	850	83			•
7100E15-VP w/kit	15	50	•	•		•	175	120 Gal.Horz.	Е	1035	85			•
REPLACEMENT PUMP	REPLACEMENT PUMPS PISTON COMPRESSORS													
MODEL	유	CFM		START-UP KIT	LOW OIL SWITCH		MAX PRESSION			WEIGHT				
PUMPS														
SS3 Bare	3	11.3					135			49				
SS5 Bare	5	18					135			91				
2340 Bare w/kit	5	14		•			175			140				
2475 Bare w/kit	7.5	24		•	•		175			147				
2475 Gas Bare (Gas Bare) w/kit	7.5	25		•			175			147				
2545 Bare w/kit	10	35		•	•		175	Unloader Centrifuge		300				
7100 Bare w/kit	15	50		•	•		175	Unloader Centrifuge		400				

List of available tanks:

A = 240 gallons VERTICAL D = 80 gallons HORIZONTAL E = 120 gallons HORIZONTAL

F = 30 gallons HORIZONTAL J = 8 gallons Twin

K = 120 gallons VERTICAL L = 60 gallons VERTICAL

N = 80 gallons VERTICAL

R = 24 gallons VERTICAL X = BASEMOUNT (tankless)

List of available voltages (voltage):

0 = (special voltage) 1 = (115/1/60)

6 = (575/3/60) 7 = (690/3/50)

2 = (230/1/60)

3 = (230/3/60)

4 = (460/3/60)



PACKAGES

The Ingersoll Rand Type 30 compressor model has been the leader in its class since its introduction in 1929. Other products can support more intensive applications, but the Type 30 has set the standard.



	Value Package (5, 7.5, 10 and 15 HP)	Valeur Plus Package (10 and 15 HP)	Premium Package (5, 7,5, 10, 15 et 20 HP)		
	An economical choice in a dependable compressed air source, the value package offers the perfect solution for intermittent load applications.	For applications that demand a heavier duty cycle, step up to an enhanced version of our base package called Value Plus Package. The Value Plus package comes factory fitted with options mentionned below for unmatched reliability in most diversified applications.	For applications that are most demanding or require greater control over compressed supply, step up to our top of the line Premium packages. These air compressors come standard with factory fitted options mentionned below for unmatched reliability in 100% continuous duty applications.		
100 % Cast Iron Pump	✓	✓	•		
ASME Coded Receiver Tank	✓	~	~		
NEMA 1 & ODP Motor	~	•	•		
Mounted Magnetic Starter	Except 2340 packages with single phase voltage	~	Except 2340 packages with single phase voltage		
Automatic Start/Stop Control through Pressure Switch	~	•	5 and 7.5 HP only		
Vibration Isolators (Available with purchase of Installation Kit)	✓	~	~		
Oil Sight glass	10 and 15 HP only	•			
Manual Drain	~	~	~		
Electric Drain		•	•		
Air Cooled Aftercooler		~	~		
Low Oil Level Switch			•		
Dual control with centrifugal unloader			10 and 15 HP only		



THE CONSTRUCTOR'S BRAND OF CHOICE IN QUEBEC





Additional information and order forms are available on our website: www.DetaillantsIRQuebec.com