HIGH PRESSURE
COMPRESSOR

高壓壓縮機 : MAX. 40 MPa
(産業用,呼吸用,汽體用)

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INDUSTRIAL COMPRESSOR (産業用)

. Pressure test, Engine starting, Air booster, Printing, Tire compression
. Gas booster for N2, He, CNG…













Characteristic

. Strong & sturdy body by iron-cast
. Multiple safety devices
. Excellent cooling efficiency
. Higher reliability for long operation
. Short delivery & low maintenance costs
. Custom-made products by buyer's option

>> Specification : Air-cooled, oil-lubricated, V-belt (産業用, Gas用)

Series	Stage	Pressure (bar G.)	Flow rates Max. (liter/min)	Motor power Hp (Kw)
300(H)	3	50 ~ 310	90	3 (2.2)
500			140	5 (3.7)
750	3 ~ 4	50 ~ 350 (Max. 400)	250	7.5 (5.5)
1000(X)			350	10 (7.5)
1500X			450	15 (11)
2000X			650	20 (15)

*above data are subject to alter without prior notice.

OIL-FREE HIGH PRESSURE COMPRESSOR

. Instrument air, Pressure test, Gas generator for N2 / O2,
. Gas booster for N2, O2, He, Ar, Freon, CNG…
. Breathing air for firefighting, Scuba diving



Water-cooled / STD.





Silent cabinet box

Characteristic

. No oil contaminated compressed air/gas
. Excellent cooling efficiency by water-cooled
. Cooling system by radiator without any utility
. Easy installation & low maintenance costs
. Small space by simple & compact design
. Higher reliability for long operation
. Short delivery & custom-made products
. Electro auto-drain trap with timer (option)
. Closed-loop for recovery system (option)



Air-cooled / STD.

>> Specification : Water / air-cooled, oil-free, V-belt

Series	Stage	Discharge pressure (bar)	Flow rates (liter/min)	Motor power Hp (Kw)
750W	2 ~ 4	20 ~ 400	230	7.5 (5.5)
1000W			330	10 (7.5)
1500W			450	15 (11)
2000W			630	20 (15)
210F ~ 2260F	1 ~ 2	12 ~ 30	200 ~ 1,000	Air-cooled

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COMPRESSED AIR DRYER : refrigerated, air/water-cooled

- Origin : KOREA



Air-cooled



High temperature



Water-cooled

Series HYD	In/out (mm)	Flow rates (Nm3/min)	Refrigerant	Ref. comp (Hp)	Air compressor (Hp)
5N	15A	0.51	R-134a	1/4	1 ~ 5
10N	25A	1.00		1/3	5 ~ 10
15N		1.53		3/8	10 ~ 15
20N		2.60			15 ~ 20
30N		3.90	R-22 (R-404a, R-407a)	3/4	20 ~ 30
35N		4.70			30 ~ 35
50N	40A	6.70		1	35 ~ 50
75N	50A	10.50		1-1/2	50 ~ 75
100N		14.20		2	75 ~ 100
150N	65A	21.0		3	100 ~ 150
200N	80A	30.0		4	150 ~ 200
250N		39.0		5	200 ~ 250
300N	100A	47.0			250 ~ 300

- Above data is subject to alter without prior notice.
- The flow rate is based on at 60Hz.
- Working pressure : 7 ~ 9.9 bar (*Max. 50 bar G. is available.)
- Dew point : 4 ~ 10 oC
- Water-cooled type could be supplied according to customers' specification

HIGH TEMPERATURE AIR DRYER : refrigerated, air-cooled

Series HYD	In/out (mm)	Flow rates (Nm3/min)	Refrigerant	Ref. comp (Hp)	Air compressor (Hp)
10HT	25A	1.40	R-134a	1/4	1 ~ 10
20HT		2.65		1/3	10 ~ 20
30HT		3.90	R-22 (R-404a, R-407a)	3/4	20 ~ 30
50HT	40A	6.70		1	30 ~ 50
75HT	50A	10.50		1-1/2	50 ~ 75
100HT		14.20		2	75 ~ 100

- Operation condition of inlet temperature 65 oC (* Design temp. Max. 80 oC)
- Dew point : 4 ~ 10 oC

BREATHING AIR COMPRESSOR (呼吸用/消防防災用)

. Fire fighting : Fire stations, Army, Navy, Factory,
. Scuba diving, Ship emergency, under-water working



(Silent box)



(Standard)



cartridge
X-filter
(Lawrence Factor)



Series 300H

Characteristic

. High performance oil/water separator
. Automatic stop/start operation
. Multiple safety devices
. Pressure maintaining valve
. High performance oil/water separator
. High purity cartridge filter w/housing
. Auto drain trap/valve
. Non-return valve
. Strong & simple design configuration
. Easy installation & operation
. Shorter delivery
. Low maintenance costs
. Easy exchangeable cartridge filter
. Electro auto-drain trap with timer(Option)
. Silent cabinet box (Option)
. Cartridge filter(EN12021/NFPA/CGA D/E)

>> Specification : Air-cooled, oil-lubricated, V-belt (호흡용: 소방방재/스쿠버다이빙/인명구조)

Series	Stage	Pressure (bar G.)	Flow rates Max. (liter/min)	Motor power Hp (Kw)
300(H)	3	150 ~ 310	90	3 (2.2)
500			140	5 (3.7)
750(X)	3 ~ 4	150 ~ 350 (Max. 400)	230	7.5 (5.5)
1000(X)			330	10 (7.5)
1500X			450	15 (11)
2000X			650	20 (15)

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Handy High Pressure COMPRESSOR



Series 300H

. 3 stage, oil-lubricated, V-belt driven
. Electric motor(3Hp) or Petrol engine(5Hp)
. Auto stop/manual start operation (std.)
. Auto stop/start operation (option)





Series 100H

. 3 stage, oil-lubricated, direct-coupled
. Electric motor : 1Hp, 220V, 1 Ph
. Manual stop/start operation (std.)
. Auto-stop/manual start (option)

Series Handy	Stage	Pressure (bar G.)	Flow rates (liter/min)	Motor power (Kw)	Weight (Kg)
100N	3	30 ~ 230	28 ~ 32	0.75	37
300H	3	30 ~ 310	85 ~ 90	2.2	50

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***** High pressure air & gas compressors' manufacturer & solution provider

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