



COMPRESSOR
CMP-S815A, CMP-S816A

TYPE: SCROLL
CAPACITY: 37.4 m³/h FAD
PRESSURE: 600 kPa
MOTOR: 6.0 kW
VOLTAGE: 600/3/60

AIR DRYER
AD-S815A, AD-S816A

TYPE: HEATLESS ADSORPTION
CAPACITY: 42.5 m³/h FAD
DEW POINT: -20°C
VOLTAGE: 120/1/60
PREFILTER: COALESCING 0.01 µm PARTICLE
AFTER FILTER: 1 µm PARTICLE
c/w AUTO DRAIN TRAP

PREFILTER FILTER
AF-S815A, AF-S816A

TYPE: COALESCING
NOM. CAP.: 61.2 m³/h FAD
FILTRATION: 0.01 µm PARTICLE

COMPRESSED AIR RECEIVER
PV-S826A

VOL: 760 L
MAWP: 1379 kPa @ 205 C
TANK DIA: 762 mm
TANK HEIGHT: 1830 mm
MASS: 230 kg

AFTER FILTER
AF-S815B, AF-S816B

TYPE: PARTICLE
NOM. CAP.: 61.2 m³/h FAD
FILTRATION: 1 µm PARTICLE

APECA
Certificate of Authorization
Earth Tech Canada Inc.
No. 730 Expiry: April 30, 2007

B.M. ELEV.			
DESIGNED BY	AA	CHECKED BY	PVL/AMA
DRAWN BY	DJP	APPROVED BY	AHL
SCALE:	N.T.S.	RELEASED FOR CONSTRUCTION BY:	R. SOROKOWSKI
DATE	2006/01/06	DATE	2007/01/31

CH2M HILL
Frederickson Cooper ARCHITECTS

EarthTech
A Tyco International Ltd. Company

ENGINEER'S SEAL
ORIGINAL SIGNED BY
A. M. AFTANAS
2007/01/31
CONSULTANT DRAWING NO.
WS-H0521

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
BULK CHEMICAL BUILDING
SODIUM HYPOCHLORITE AND CHEMICAL STORAGE BUILDING

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER
1-06015-G-H0521-001-01D

MECHANICAL
COMPRESSED AIR SYSTEM
PROCESS AND INSTRUMENTATION DIAGRAM